Schedule

Summer 2019

Education That Works • www.clackamas.edu

Summer Term Classes
Begin June 24

CCC makes dollars and cents
See page 94

See page 6

Clackamas Community College
Now is the perfect time to enroll at Clackamas Community College. Take advantage of the summer months to jumpstart your college education, continue your momentum or make up a few extra credits.

Whether you are a new student or a returning student, CCC offers core courses year-round so you can complete your education on time and on budget. Summer classes are offered in a condensed format, and you can complete entire sequences of science and foreign language in just three months. Many classes are offered online, allowing you to complete coursework around your schedule.

Students at all stages of their lives and careers find the programs and classes they need at Clackamas Community College. With small class sizes and instructors with real-world experience, you will gain an Education That Works.

President Tim Cook
Easy as pi

What happens when you put two brains together? It adds up to a win for students. Meet Carol Burnell and Mark Yannota, two of Clackamas Community College’s dedicated full-time faculty. Carol is the chair of the English department and Mark is the chair of the mathematics department. They are the brains behind a small idea that is making completing core English and mathematics courses easier.

English and mathematics are mandatory courses for any transfer degree at CCC, but finding the right class to fit your schedule can sometimes be challenging. Students may find themselves with math and English classes several hours apart, or with only 15 minutes to get to opposite sides of the campus.

Carol and Mark teamed up to offer back-to-back English and mathematics classes to make it more convenient for students to complete their degrees. Offered between 9 a.m. and 1 p.m., the pairing is perfect for working parents or students with morning- and late-afternoon commitments. Not only that, but the classes are held at an easily accessible location on campus that boasts upgraded classroom space and ample parking.

Are you planning on enrolling in classes fall term? Get a jumpstart on your degree. Fall registration opens May 21. Find the back-to-back English and mathematics classes that fit your needs at www.clackamas.edu/schedule.
Live here. Learn here.
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Non-Discrimination
Clackamas Community College does not discriminate on the basis of race, color, religion, gender, sexual orientation, marital status, age, national origin/ancestry, disability, family relationship or any other protected status in accordance with applicable law. The college's commitment to nondiscrimination applies to curriculum activity and all aspects of operation of the college.

For information about Clackamas Community College, call 503-594-6000 www.clackamas.edu
## Important Dates to Remember

<table>
<thead>
<tr>
<th>Financial Aid: All required CCC financial aid documentation due to ensure funding for term</th>
<th>SUMMER TERM 2019</th>
<th>FALL TERM 2019</th>
<th>WINTER TERM 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>April 1</td>
<td>June 24</td>
<td>Sep. 30</td>
</tr>
<tr>
<td>Registration begins</td>
<td>May 13</td>
<td>May 20</td>
<td>Nov. 12</td>
</tr>
<tr>
<td>Registration workshops begin</td>
<td>May 17</td>
<td>May 24</td>
<td>Nov. 15</td>
</tr>
<tr>
<td>Classes begin</td>
<td>June 24</td>
<td>Sept. 30</td>
<td>Jan. 6</td>
</tr>
<tr>
<td>Last day to add classes without instructor consent</td>
<td>Instructor consent required once course begins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last day to add classes without $50 late add fee</td>
<td>Fee will be applied on the 4th business day following the first official day of class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last day to pay tuition before $30 deferred payment fee is assessed</td>
<td>July 8</td>
<td>Oct. 11</td>
<td>Jan 17</td>
</tr>
<tr>
<td>Last day to drop a class with a refund (see p. 10 for more info)</td>
<td>July 8</td>
<td>Oct. 11</td>
<td>Jan 17</td>
</tr>
<tr>
<td>Last day to drop classes and not receive a grade</td>
<td>Aug. 5</td>
<td>Nov. 8</td>
<td>Feb. 14</td>
</tr>
<tr>
<td>Last day to submit petition for graduation</td>
<td>Aug. 5</td>
<td>Nov. 8</td>
<td>Feb. 14</td>
</tr>
<tr>
<td>Last day to change grading option</td>
<td>Aug. 5</td>
<td>Nov. 8</td>
<td>Feb. 14</td>
</tr>
<tr>
<td>Account balance due: $75 non-payment fee applied if not paid</td>
<td>Aug. 5</td>
<td>Nov. 8</td>
<td>Feb. 14</td>
</tr>
<tr>
<td>Holidays and campus closures</td>
<td>Independence Day July 4 Labor Day Sept. 2</td>
<td>Veterans Day Nov. 11 Thanksgiving Nov. 28-29 Winter Break Dec. 24-25</td>
<td>New Years Jan. 1 MLK Jr. Day Jan. 20 Presidents Day Feb. 17 Skills Contest Feb. 27 No classes before 4 p.m. on Oregon City and Harmony Campuses</td>
</tr>
<tr>
<td>Finals week*</td>
<td>See class syllabus</td>
<td>Dec. 9-14</td>
<td>March 16-21</td>
</tr>
<tr>
<td>Last day of term</td>
<td>Sept. 7</td>
<td>Dec. 14</td>
<td>March 21</td>
</tr>
<tr>
<td></td>
<td>June 12, 2020</td>
<td>June 12, 2020</td>
<td>June 12, 2020</td>
</tr>
</tbody>
</table>

Deadlines are the end of the business day unless otherwise noted. All calendar dates are subject to change without prior notice.

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**Final Exam Schedule**

Summer term exam information is available on your course syllabus. If you have any questions, contact your instructor.

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The information in this schedule reflects current programs, requirements and costs. These are all subject to change, and Clackamas Community College reserves the right to make any necessary revisions in the information contained here without prior notice.

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College closure information located on p.89.
Get Started at CCC!

Como Inscríbese – www.clackamas.edu/espanol

New Student? Start here.
If you are a new student with no previous CCC credits, follow these 6 steps to get started. For more information visit www.clackamas.edu/gettingstarted.

Our Admissions Welcome Center is here to help you get started!
Call: 503-594-3284 or Email: welcome@clackamas.edu

1 APPLY TO CCC
Visit www.clackamas.edu/apply. Once you receive your welcome email, log in to Navigate to review your to-do list, which will walk you through your next steps. *TIP: Log in to your myClackamas account frequently—it is CCC’s primary means of communicating with students!

2 APPLY FOR FINANCIAL AID AND SCHOLARSHIPS (if applicable)
U.S. Citizens and permanent residents: Apply at www.fafsa.gov. Undocumented Oregon residents: Complete the ORSAA at www.getcollegefunds.org. The ORSAA is for undocumented Oregon students, including students who have DACA (Deferred Action for Childhood Arrivals) status.
Apply for CCC Foundation Scholarships at www.clackamas.edu/scholarships.

3 SUBMIT PREVIOUS COLLEGE TRANSCRIPTS (if applicable)
CCC Degree/Certificate Seeking: If you are transferring to CCC from a regionally-accredited U.S. institution, or if you have AP, CLEP, IB or DSST scores, submit your official transcripts to Graduation Services. Non-Degree/ Certificate Seeking: If a course requisite waiver is needed, submit unofficial transcripts to Advising & Career Services. Visit www.clackamas.edu/transferring-to-ccc for details.

4 DETERMINE PLACEMENT
Math and writing placements must be completed prior to registration. Visit www.clackamas.edu/pass for steps to complete your placement assessment.

5 COMPLETE NEW STUDENT ORIENTATION
Available online via your myClackamas account, your orientation will familiarize you with CCC’s resources, degree and certificate programs, student life, and more. Orientation must be completed before registering for classes.

6 REGISTER FOR CLASSES
First-time college students: Sign up to attend a Registration Workshop at www.clackamas.edu/registration-workshop. Transferring to CCC: Drop in to meet with an academic advisor at any of our three campuses. Visit www.clackamas.edu/advising for hours, locations, and more.

Returning CCC Student? Start here.
If you have taken classes or workshops at CCC within the last three years there’s no need to reapply for admission! You’re ready to register for classes online through myClackamas.

1 NOTIFY ENROLLMENT SERVICES if you’ve changed your major/program of study, address, or phone number by emailing registration@clackamas.edu or visiting the Enrollment Services Center at any of our three campuses.

2 CLEAR OUTSTANDING DEBT or prior term balances at any CCC Enrollment Services Center.

3 REVIEW YOUR EDUCATION PLAN with an academic advisor.

4 REGISTER FOR CLASSES online through myClackamas — http://my.clackamas.edu. You can also register by mail, fax or in person at any of our three campuses. Registration forms are available at www.clackamas.edu/forms.

5 PAY YOUR TUITION AND FEES online or in person. Tuition rates, payment, and important dates can be found on p. 8-10 in this Schedule of Classes.

Don’t forget!
• Visit www.clackamas.edu/im_registered_whats_next.aspx for your next steps after registration!
• Get your student ID card at any of our three campuses.
• Veterans and Military Dependents: Visit www.clackamas.edu/Veterans/ for VA Educational benefits information.
• Information about dates, policies and academic regulations is available at www.clackamas.edu or the Enrollment Services Center at any of our three campuses.
Money, registration and myClackamas—what you need to know!

College Services Fee
A non-refundable $28 per term fee will be applied to students taking credit courses. The College Services Fee covers the cost of various services including graduation, parking, a shuttle, testing and transcripts. The fee is applied at the time of registration for students registering for one or more credits.

Refunds
If you stop going to class and you don’t officially drop the classes from your schedule, you will be held academically and financially responsible.

See p.7 for important information about Financial Aid and refund deadlines.

myClackamas
myClackamas is your portal to all things CCC. This secure site allows you to check your CCC assigned email, register and pay for classes, access financial aid documents and more.

After you are admitted to CCC, an email with your new CCC student email address and instructions for logging into myClackamas will be sent to the secondary email account (gmail, yahoo, etc.) you provided on your admission application.

If you applied for admission and:
• don’t know your CCC email address, go to myClackamas (https://my.clackamas.edu) and choose “Forgot your email address?”
• don’t know your password, go to myClackamas (https://my.clackamas.edu) and choose “Forgot Password?” Follow the directions provided.
• still need help with this process, go to myClackamas (https://my.clackamas.edu) and click the help button or call 503-594-6074.

If you are a current CCC student and:
• don’t have a CCC email address:
  – Contact Enrollment Services at registration@clackamas.edu and provide a secondary email account (gmail, yahoo, etc.). An email with instructions for logging into myClackamas will be sent to that account.
• are experiencing problems logging into your myClackamas account:
  – Contact Enrollment Services at 503-594-6074.

NOTE: Your CCC email account is the primary method of communication between you and the College. Be sure to check your email at least twice a week through myClackamas.

Registration
Registration is based on the number of completed credits at CCC (credits completed at other colleges are not counted for registration purposes). Courses in progress during the current term do not count toward this total. Registration is done online (myClackamas), in person, or by mail/fax. Registration times:

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>DATE</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veterans</td>
<td>Monday, May 13, 2019</td>
<td>Noon</td>
</tr>
<tr>
<td>80+</td>
<td>Tuesday, May 14, 2019</td>
<td>8:00am</td>
</tr>
<tr>
<td>60-79</td>
<td>Tuesday, May 14, 2019</td>
<td>Noon</td>
</tr>
<tr>
<td>40-59</td>
<td>Wednesday, May 15, 2019</td>
<td>8:00am</td>
</tr>
<tr>
<td>30-39</td>
<td>Wednesday, May 15, 2019</td>
<td>Noon</td>
</tr>
<tr>
<td>20-29</td>
<td>Thursday, May 16, 2019</td>
<td>8:00am</td>
</tr>
<tr>
<td>6-19</td>
<td>Thursday, May 16, 2019</td>
<td>Noon</td>
</tr>
<tr>
<td>1-5</td>
<td>Friday, May 17, 2019</td>
<td>8:00am</td>
</tr>
<tr>
<td>Open Registration</td>
<td>Friday, May 17, 2019</td>
<td>Noon</td>
</tr>
</tbody>
</table>

NOTE: If you miss your registration window, you are able to register any time after that.

2019-20 Changes:
• In-state tuition: Increase by $3 resulting in a $103 per credit rate.
• Out-of-state tuition: Increase by $8 resulting in a $274 per credit rate.
Clackamas Community College offers a variety of continuing education courses, workshops, seminars and trainings both as credit and non-credit opportunities. The Non-Credit Registration form on this page is for students who are not planning to pursue a degree or certificate or are registering for less than 6 credits and are looking for opportunities to advance their knowledge or skill set.

If you are planning to register for Community Education courses, please refer to the page following the Course Listing in this Schedule of Classes for more information and registration form.

Clackamas Community College (CCC) welcomes all students who can benefit from the instruction offered, regardless of their educational background. Prospective students are eligible for admission if they have a high school diploma or GED, or if they are 18 years of age or older. Students under the age of 18 may require additional permissions to register for classes. This Registration Form is intended for students who do not wish to earn a degree or certificate at CCC. All degree/certificate-seeking and high school partnership students should apply for admission online at: www.clackamas.edu/apply.

Registration Form

Part A: Student Information

<table>
<thead>
<tr>
<th>Field</th>
<th>Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Security Number</td>
<td>Date of Birth*</td>
</tr>
<tr>
<td>Legal Name* (first, middle, last)</td>
<td></td>
</tr>
<tr>
<td>Preferred Name (first, last)</td>
<td></td>
</tr>
<tr>
<td>Previous Name (first, last)</td>
<td></td>
</tr>
<tr>
<td>Phone*</td>
<td>Type (cell, home, work)</td>
</tr>
<tr>
<td>Mailing Address* (street, city, state, zip)</td>
<td></td>
</tr>
<tr>
<td>Email Address*</td>
<td></td>
</tr>
</tbody>
</table>

Note: CCC will provide you with a student email address that you will be required to use for all official college communications. However, a personal email address that only you have access to is required as a backup method of electronic communication.

Residency Status* (required for tuition purposes) Select the appropriate state if you have maintained a permanent address in OR, CA, ID, WA, or NV for at least 60 days prior to your first day of class. Select Out-of-State if your permanent address has been outside of these states. If you are an international student (on a student visa), you must fill out an international student application.

- OR
- WA
- CA
- ID
- NV
- Out-of-State

Purpose of Study* (select one)
- Credit classes for personal/professional interest
- English as a Second Language (ESL)
- GED/Adult High School Diploma/Basic Skills Development
- Workshops for career enhancement

Educational Goals* (select all that apply)
- Explore career and educational options
- Finish high school
- Prepare for GED exam
- Improve reading, writing, or math skills
- Learn English
- Take classes for fun
- Transfer without a degree
- Take job-related or job-required classes
- Other

Please provide the following demographic information to enhance CCC’s services to all students. CCC does not discriminate based on the following information, nor does it release it to the general public.

Legal Sex Designation*
- Female
- Male
- Prefer Not to Answer

Veteran Status*
- Veteran
- Current Active Military
- Current Active Reserve/Guard
- Immediate Family Member of Veteran
- Immediate Family Member of Current Service Member
- Not Applicable
- Not Sure
- Prefer Not to Answer

Race*
- American/Alaska Native
- Asian
- Asian/Pacific Islander
- Black or African American
- Hawaiian/Pacific Islander
- White
- Prefer Not to Answer

Ethnicity*
- Hispanic/Latino
- Non-Hispanic/Latino
- Prefer Not to Answer

Are you the first among your parents/guardians to attend college?*
- Yes
- No
- Prefer Not to Answer

What is your most recent high school status?*
- Still in high school
- Pursuing GED
- High school diploma
- GED
- Did not attend/complete high school

Part B: Course Registration Requests

<table>
<thead>
<tr>
<th>Course Number (e.g. PSY-201-01)</th>
<th>Course Title (e.g. Psychology as a Natural Science)</th>
<th>Grading Option (A-F, Pass/No Pass, or Audit)</th>
</tr>
</thead>
</table>

Part C: Signature

Payment is due at the time of registration. By signing this form, you agree to all CCC policies and procedures including financial liability. If you fail to pay on time and CCC refers your account(s) to a third party for collection, a collection fee of up to 33% of the debt or the maximum percentage allowed by applicable law will be added to your balance due. CCC will add these fees to your balance due, and they will be due no earlier than 90 days after the date your payment is due and prior to referring your account to a collection agent. You will be held academically and financially responsible for all classes. Please review the current class schedule for important payment deadlines.

Signature: ____________________________
Date: ________________________________

Return completed form to:

EMAIL: registration@clackamas.edu
FAX: 503-722-5934
IN PERSON: Enrollment Services at any of the three CCC campuses
MAIL: Enrollment Services, Clackamas Community College, 19600 Moali Aue, Oregon City, OR 97045-7998

Revised 12/4/18
Financial Matters

How much will I owe?

TUITION AND FEES
Tuition and fee rates are subject to change without prior notice.

<table>
<thead>
<tr>
<th>TUITION TYPE</th>
<th>RATE</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-state</td>
<td>$103 per credit</td>
<td>Applies to U.S. citizens or immigrants with a residency status (90 days at that address prior to the start of the term) in Oregon, Idaho, California, Nevada and Washington.</td>
</tr>
<tr>
<td>Out-of-state</td>
<td>$274 per credit</td>
<td>Applies to international students and students residing in states which do not border Oregon.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FEE TYPE</th>
<th>RATE</th>
<th>COMMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Student and Technology Fee</td>
<td>$8.00 per credit</td>
<td>Supports many CCC student activities including athletics, child care, instructional technology and student government.</td>
</tr>
<tr>
<td>College Services Fee</td>
<td>$28 per term (non-refundable)</td>
<td>Non-refundable. Applies to credit courses only. The College Services Fee covers the cost of various services including graduation, parking, a shuttle, testing and transcripts.</td>
</tr>
<tr>
<td>Deferred Payment Fee</td>
<td>$30 per term</td>
<td>Applied after the second week of the term if a balance is owed to the college.</td>
</tr>
<tr>
<td>Late Add Fee</td>
<td>$50 per class</td>
<td>Applied the 4th business day after the first official day of the class.</td>
</tr>
<tr>
<td>Non-Payment Fee</td>
<td>$75 per term</td>
<td>Applied after the sixth week of the term if a balance is owed to the college.</td>
</tr>
<tr>
<td>Non-Refundable Third Party Billing Fee</td>
<td>$15</td>
<td>Assessed on any student account where CCC is billing an outside business/organization for tuition and charges.</td>
</tr>
<tr>
<td>Returned Bank Item</td>
<td>$25 each item</td>
<td>Fee for checks returned for nonsufficient funds.</td>
</tr>
<tr>
<td>Course Fees</td>
<td>Varies</td>
<td>Certain classes have special fees in addition to tuition and the general fee. These are listed in the “Course Fee” column in the course listing in the Schedule of Classes.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CREDIT FOR PRIOR LEARNING TYPE</th>
<th>RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Challenge Exam</td>
<td>$50 flat fee plus $25 per credit</td>
</tr>
<tr>
<td>Portfolio</td>
<td>$50 flat fee plus ½ of the current tuition per credit</td>
</tr>
<tr>
<td>Other (Non-Portfolio, Non-Challenge Exam)</td>
<td>$50 flat fee plus ½ of the current tuition per credit</td>
</tr>
</tbody>
</table>

How do I pay?

Pay Now: Payment is due at the time of registration. You can pay in person with cash or a local, bank-imprinted check, for the amount due. You can make credit card payments in person or online using Visa, MasterCard, Discover or American Express.

Pay Later*: Payment is due July 8. Accounts with a balance after this date will be charged a $30 deferred payment fee.

Deferred Payment: Account balances must be paid by Aug. 5 or you will be charged a non-payment fee of $75 and a hold will be put on your account that will prevent future registration.

*Pay Later Conditions: You must be 18 years of age, owe a balance of at least $100, and cannot have an existing balance from a previous term or owe a financial aid repayment. If these conditions do not apply, payment is due at the time of registration.

How do I get a refund?

CCC provides full refunds if you drop your classes on time. We do not provide partial refunds. To receive a full refund YOU must drop your classes:
- During the first 2 weeks of the class for classes meeting 5 weeks or more
- During the first week of the class for classes meeting 3-4 weeks
- Before the class begins for classes meeting 2 weeks or less

To view the complete refund policy, please go to www.clackamas.edu

Financial Aid

How do I apply?
1. Apply to CCC.
2. Complete your FAFSA or ORSAA application:
   - U.S. Citizens and permanent residents: Apply at www.fafsa.gov.
   - Undocumented Oregon residents: Complete the ORSAA at www.getcollegefunds.org. The ORSAA is for undocumented Oregon students, including students who have DACA (Deferred Action for Childhood Arrivals) status.
3. Check your email and Self-Service in myClackamas.

Questions?

Email us at finaid@clackamas.edu
Drop-in hours Roger Rook Hall, Oregon City Campus: MTTh: 9 a.m.-4 p.m., W: 10 a.m.-4 p.m.
Drop-in hours East Building, Harmony Campus: T/Th: 8 a.m.-12 p.m. and 1-5 p.m.

Want your refund deposited directly into your bank account?
Click on Payment Information in myClackamas then myProfile. Enter your bank account information. This includes financial aid and emergency loan checks.
Registration and important information  You need to know this!

Very Important Registration Information

With college comes more choice, freedom and responsibility. Here are some highlights of important information for successful college students.

• **Avoid the $50 late add fee!**
  The late fee will be applied the fourth (4th) business day after the first official day of the class. So if your class starts on a Monday, you must be registered by the end of the business day on Thursday or you will be charged the late fee of $50.00.

  **To avoid this fee, make sure you are registered for all of your courses in a timely manner.**

• Check your schedule on myClackamas both after you register and the first day of the term (your class location may have changed). If you want to add, drop, or change a class, be certain that you make these changes through myClackamas or Enrollment Services and that the changes are reflected on your schedule.

• To receive a refund for a full-term course, be sure to drop it by the end of the second week. For classes that do not meet the entire term (e.g., weekend courses, short courses, etc.), it is important to refer to the refund schedule online at [www.clackamas.edu](http://www.clackamas.edu) or on the Financial Matters page in this Schedule of Classes.

• **Avoid non-payment fees by making payments according to the payment plan policy.**
  (See preceding page for more information.)

• Be a more informed and successful student:
  Read the Academic Regulations after the course listings in this Schedule of Classes.

• Ask questions! If you are uncertain about something, ask your instructor or a staff member. They can help you get the answer.

Graduation

**PETITION TO GRADUATE**

In order to be evaluated for a certificate or degree from CCC, students must fill out a “Petition for Graduation” and submit it to Graduation Services at the Oregon City campus.

Please refer to graduation information via the Web for filing deadlines. Questions regarding this process may be directed to 503-594-6651 or gradservices@clackamas.edu.

**GRADUATION CEREMONIES**

The GED/Adult High School Diploma graduation ceremony will take place Thursday, June 11, 2020 and the certificate and degree graduation ceremony will be held Friday evening, June 12, 2020. Information for both ceremonies will be available at [www.clackamas.edu/graduation](http://www.clackamas.edu/graduation) in early Spring. For questions related to the ceremony, contact GradCeremony@clackamas.edu.

Academic Calendar—Clackamas Community College operates on the quarter system. Each of our terms are eleven weeks in length with many courses being offered in a condensed and/or standard term format. Be sure to check the Schedule of Classes for individual class meeting times.

Corequisite—A corequisite is a second, related course in which a student must be simultaneously enrolled in addition to the primary course.

Course Prerequisites—Some CCC courses have prerequisite requirements. You will be required to meet these prior to enrolling.

Grades—Grade options generally include A, B, C, D, F, P/N (Pass, No Pass), or X (Audit). Be sure to select the grade option you want at the time of registration by selecting: Register Pass/Fail for P/N or Audit for all classes you wish to audit.

Registration and Transcript Holds—Students who have not met their financial obligations to the college may have restrictions placed on their ability to register for future terms and/or have official transcripts released.

Ordering Transcripts—Official transcripts (record of your classes, grades earned and degrees awarded) are available upon request. Unofficial transcripts are available via myClackamas. Order transcripts online via [www.parchment.com](http://www.parchment.com). For more information call our transcript request line at 503-594-6074.

Student Rights & Responsibilities—When you enroll at Clackamas Community College you assume certain rights and responsibilities as a student that relate to your educational record, academic performance and individual conduct. These are stated in the Student Handbook—[www.clackamas.edu/documents/handbook.pdf](http://www.clackamas.edu/documents/handbook.pdf)

Student Photo ID Cards—Cards are available at an Enrollment Services Center and are necessary for library checkout, access to computer/tutorial labs and admission to college events. Picture ID and current enrollment are required. There is a $10 replacement fee for stolen or lost ID cards.

Cougar Alert!
Si usted habla español

Información en español
Visite el sitio web www.clackamas.edu/espanol para más información.

¡Bienvenido a Clackamas Community College! Clackamas ofrece una gran variedad de oportunidades para todos. Ofrecemos más de 90 programas de carreras técnicas, programas para estudiantes internacionales, clases de inglés, y oportunidades para recibir su certificado de preparatoria GED.

En Clackamas Community College, creemos que todos tienen derecho a desarrollar todo su potencial. Les damos la bienvenida a todos, sin importar quiénes sean o de dónde son. Sus contribuciones son las que hacen de Clackamas un colegio comunitario. Estamos contentos de que estás aquí.

Clases de ESL (inglés como segundo idioma)
• Las clases de ESL son para todos que desean mejorar sus habilidades de inglés
• Ofrecemos clases de todos niveles
• Los precios varían entre $25 y $50 por clase por un trimestre
• Estudiantes deben tener al menos 16 años de edad

Para más información y para registrarse, llame a Nena Monterroza al 503-594-3234

GED en español
Instrucción del desarrollo de habilidades básicas (GED) ofrecida en español. Se aplica un examen de diagnóstico para determinar las necesidades académicas del alumno.

Inscripciónes abiertas todo el tiempo, se ofrece en el colegio principal, Harmony Center y Canby.

Para más información y para registrarse para la clase, llame a Camilo Sanchez al 503-594-3029

Ayuda Financiera
Ayuda financiera está disponible para ayudarle alcanzar sus metas educativas. La Oficina de Ayuda Financiera y Becas de CCC brinda acceso a becas, trabajo-estudiantil y préstamos para ayudarle cubrir los costos de la escuela.

Para más información, llame al 503-594-6082

Servicios de Workforce
WorkSource Clackamas ofrece servicios gratuitos que pueden ayudar con:
• Actualizar tus habilidades
• Mejorar tus técnicas en la búsqueda de empleo
• Acceso a empleos en alta demanda y crecimiento

Para más información, llame al 503-594-6246

Para tomar clases de crédito
Si quiere tomar clases para recibir crédito, un consejero de admisiones le podrá ayudar en tomar los pasos adecuados y necesarios para registrarse en Clackamas Community College.

¡Nuestro Centro de Admisiones está aquí para ayudarle a comenzar! Llame al 503-594-3284
Veterans Services

Veterans Education and Training Center
CCC Oregon City Campus, Community Center Room 100
503-594-3438
vetinfo@clackamas.edu
http://depts.clackamas.edu/veterans

The Veteran Education and Training Center is a service of Clackamas Community College dedicated in gratitude to providing hospitality, advocacy, and the highest quality of service to all Veterans. The VET Center’s staff goal is to support every Veteran’s transition from warrior to student to graduate and finally to working professional. The VET Center will ensure every individual Veteran’s unique needs are met. Clackamas Community College recognizes and honors the Military Veterans of our community and their families. Please allow us the honor and privilege to serve you!

The college provides a wide range of services for Veterans which include:

- Information about benefits
- Education and career information
- Assistance with getting started and being successful
- Referrals to additional resources
- Assistance with necessary paperwork
- VA enrollment and progress certification
- Student Veterans Club
- Veterans Events
- Transition Assistance Workshops
- Veterans Book Share
- Veterans Text Book Grants
- Military Families Scholarship Endowment
- VA Work study

The regulations and requirements associated with providing and receiving the variety of veteran benefits are numerous and complex. We can help you understand your benefits and the process of accessing them. Please come see us soon and often to be informed and ensure you remain in compliance.

Workforce Services

Skill up for jobs of the future! WorkSource
Clackamas is preparing Oregonians for jobs in healthcare, manufacturing, high tech, green technologies and more!

Job Search and Training Help

Are you looking for a job?
Do you need to upgrade your skills to get a better job?
Interested in working and learning on the job (OJT)?

WorkSource Clackamas has no-cost career advancement services which can
- help you update your skills
- sharpen your job search expertise
- access jobs in high-growth careers

Take the next step! Contact our Career Specialists to learn more about our incredible career workshops and services. Contact us at 503-594-6246 or visit us on the Web at www.clackamasworkforce.org

These programs funded in whole or in part through the US Department of Labor and the State of Oregon through Clackamas Workforce Partnership.

Consult the Experts!

NO-COST CAREER WORKSHOPS AT WORKSOURCE CLACKAMAS

506 High Street, Oregon City 97045

Our Career Specialists are experts in job search strategies. Join a workshop to practice innovative techniques to find employers, develop a resume, improve networking, interview better, and improve your job search.

Visit www.clackamasworkforce.org or call to learn more about the NO COST workshops. Call 971-673-6400. Reservations required.

Building Skills and Growing Businesses!

Sponsored by the Clackamas Workforce Partnership
www.clackamasworkforce.org.

WorkSource Oregon is an equal opportunity employer/program.
WorkSource Oregon es un programa/empleador que respeta la igualdad de oportunidades.
Distance Learning

There are many alternatives to on-campus courses that allow busy students to pursue their educational goals. These courses may involve the use of computers, video, voicemail, email and the internet. Some of these courses may require orientation, class meetings, lab work and testing to be done on campus. You may contact the course instructor for more information about specific on-campus activity requirements.

**Interested in Distance Learning?**

Visit Distance Learning on the web at [http://online.clackamas.edu](http://online.clackamas.edu) for information about:

- Course offerings
- Computer requirements
- Technical skills needed
- How to get started
- Moodle workshops for students

**ONLINE COURSES**

Online courses take place over the internet, allowing students to complete their assignments, work cooperatively with other students and take quizzes and exams without having to come to campus. Some online courses may require exams to be taken on campus or in a proctored setting. You may contact the course instructor for information about exam requirements.

**HYBRID COURSES**

Hybrid courses describe a format that combines face-to-face classroom instruction with computer-based learning. Hybrid courses combine instructional time spent in the classroom with online time. The result is a course that offers the student the high-touch aspects of face-to-face time in the classroom with the anytime/anywhere high-tech online course learning opportunities. The hybrid format reduces the amount of time the student needs to be on campus. Hybrid courses are identified in the quarterly schedule of classes by the term HYBRID and also the icon HYB.

**TECHNICAL SKILLS REQUIRED**

To participate in an online course, students should have working knowledge of word processing software, internet and email use and Moodle software.

**Get started in Distance Learning**

Instructions for getting started in a distance learning class can be found at [http://online.clackamas.edu](http://online.clackamas.edu)

**QUESTIONS ABOUT DISTANCE LEARNING?**

- Call 503-594-6632
- Email online@clackamas.edu

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**Online Courses — Summer Term 2019**

Complete course information available in *Credit Course Listing*, p. 18-51. Indicated with: [WEB](http://online.clackamas.edu)

**Business**

- BA-101-01 INTRODUCTION TO BUSINESS, 4 CREDITS
- BA-104-01 BUSINESS MATH, 3 CREDITS
- BA-111-01 GENERAL ACCOUNTING I, 4 CREDITS
- BA-131-01 INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS
- BA-131-02 INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS
- BA-206-01 MANAGEMENT FUNDAMENTALS, 4 CREDITS
- BA-211-01 FINANCIAL ACCOUNTING I, 4 CREDITS
- BA-212-01 FINANCIAL ACCOUNTING II, 4 CREDITS
- BA-213-01 DECISION MAKING WITH ACCOUNTING INFORMATION, 4 CREDITS
- BA-218-01 PERSONAL FINANCE, 4 CREDITS
- BA-224-01 HUMAN RESOURCE MANAGEMENT, 4 CREDITS
- BA-226-01 BUSINESS LAW I, 4 CREDITS
- BA-249-01 RETAILING, 3 CREDITS
- BA-251-01 SUPERVISORY MANAGEMENT, 3 CREDITS
- BA-285-01 HUMAN RELATIONS IN BUSINESS, 4 CREDITS
- BT-120-01 PERSONAL KEYBOARDING, 2 CREDITS
- BT-121-01 DATA ENTRY, 1 CREDIT
- BT-122-01 KEYBOARDING SKILLBUILDING, 2 CREDITS

**College Success**

- LIB-101-01 INTRODUCTION TO LIBRARY RESEARCH, 1 CREDIT

**Computer Science**

- CS-120-30 SURVEY OF COMPUTING, 4 CREDITS
- CS-125H-30 HTML & WEB SITE DESIGN, 3 CREDITS

**Cooperative Work Experience**

- CWE-281-03 COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDITS
- CWE-281-04 COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDITS
- CWE-281-06 COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDITS

**Criminal Justice**

- CJA-110-01 INTRODUCTION TO LAW ENFORCEMENT, 3 CREDITS
- CJA-137-01 MASS MURDER AND SERIAL KILLERS, 3 CREDITS

**Education**

- ED-169-01 OVERVIEW OF STUDENTS WITH SPECIAL NEEDS, 3 CREDITS
- ED-246-01 SCHOOL, FAMILY & COMMUNITY RELATIONS, 4 CREDITS

**English**

- ENG-255-01 AMERICAN LITERATURE, 4 CREDITS
- ENG-260-01 INTRODUCTION TO WOMEN WRITERS, 4 CREDITS

**Environmental Safety & Health**

- ESH-100-01 ENVIRONMENTAL REGULATIONS, 3 CREDITS

**Family Studies**

- HDF-260-01 UNDERSTANDING CHILD ABUSE AND NEGLECT, 4 CREDITS
Food and Nutrition
FN-110-01 PERSONAL NUTRITION, 3 CREDITS
FN-225-01 NUTRITION, 4 CREDITS
FN-225-02 NUTRITION, 4 CREDITS

Health
HE-204-01 NUTRITION & WEIGHT CONTROL, 3 CREDITS
HE-250-01 PERSONAL HEALTH, 3 CREDITS

Health Sciences
HS-211-01 INFECTIOUS DISEASES AND HARM REDUCTION, 1 CREDIT

Humanities/Social Sciences
HST-102-01 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
HST-103-01 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
PHL-101-01 PHILOSOPHICAL PROBLEMS, 4 CREDITS
PS-200-01 INTRODUCTION TO POLITICAL SCIENCE, 4 CREDITS
PS-201-01 AMERICAN GOVERNMENT AND POLITICS, 4 CREDITS
SOC-204-01 INTRODUCTION TO SOCIOLOGY, 4 CREDITS

Mathematics
MTH-060-10 ALGEBRA I, 4 CREDITS
MTH-065-10 ALGEBRA II, 4 CREDITS
MTH-095-10 ALGEBRA III, 4 CREDITS
MTH-111-10 COLLEGE ALGEBRA, 5 CREDITS
MTH-111-15 COLLEGE ALGEBRA, 5 CREDITS
MTH-111-20 COLLEGE ALGEBRA, 5 CREDITS
MTH-111-21 COLLEGE ALGEBRA, 5 CREDITS
MTH-111-30 COLLEGE ALGEBRA, 5 CREDITS
MTH-243-10 STATISTICS I, 4 CREDITS

Science
BI-101-40 GENERAL BIOLOGY; CELLULAR BIOLOGY, 4 CREDITS
BI-102-40 GENERAL BIOLOGY; ANIMAL SYSTEMS, 4 CREDITS
BI-103-40 GENERAL BIOLOGY; PLANTS & THE ECOSYSTEM, 4 CREDITS
BI-104-40 GENERAL BIOLOGY; PLANTS & THE ECOSYSTEM, 4 CREDITS
BI-105-40 GENERAL BIOLOGY; PLANTS & THE ECOSYSTEM, 4 CREDITS

Transportation & Logistics
TTL-141-01 TRANSPORTATION CUSTOMER SERVICE SKILLS, 3 CREDITS

Writing
WR-121-05 ENGLISH COMPOSITION, 4 CREDITS
WR-121-06 ENGLISH COMPOSITION, 4 CREDITS
WR-121-07 ENGLISH COMPOSITION, 4 CREDITS
WR-122-04 ENGLISH COMPOSITION, 4 CREDITS
WR-122-05 ENGLISH COMPOSITION, 4 CREDITS
WR-128-01 INTRODUCTION TO APA STYLE & DOCUMENTATION, 1 CREDIT
WR-140-01 INTRODUCTION TO WRITING CREATIVELY, 4 CREDITS
WR-227-02 TECHNICAL REPORT WRITING, 4 CREDITS
WR-227-03 TECHNICAL REPORT WRITING, 4 CREDITS

Hybrid Courses
Complete course information available in Credit Course Listing, p.18-51. Indicated with: HYB

English
ENG-105-30 INTRODUCTION TO LITERATURE: DRAMA, 4 CREDITS

Health
HE-252-01 FIRST AID/CPR/AED, 3 CREDITS

Health Sciences
HS-104-01 USING DIAGNOSTIC CRITERIA IN ADDICTION TREATMENT, 1 CREDIT

Manufacturing
MFG-107-01 INDUSTRIAL SAFETY & FIRST AID, 3 CREDITS

Mathematics
MTH-050-15 TECHNICAL MATHEMATICS I, 4 CREDITS
MTH-111-15 COLLEGE ALGEBRA, 5 CREDITS
MTH-111-20 COLLEGE ALGEBRA, 5 CREDITS
MTH-111-21 COLLEGE ALGEBRA, 5 CREDITS
MTH-111-30 COLLEGE ALGEBRA, 5 CREDITS

Science
CH-104-40 INTRODUCTORY CHEMISTRY, 5 CREDITS
CH-105-40 INTRODUCTORY CHEMISTRY, 5 CREDITS
CH-106-40 INTRODUCTORY CHEMISTRY, 5 CREDITS
Clackamas in Your Community

Credit and non-credit courses offered at Clackamas Community College sites near you!

**CCC at Harmony Community Campus**

Along with the Oregon City campus, Clackamas Community College has two additional campuses to serve the needs of students in other parts of the district. The college’s Harmony campus is a full service campus in the North Clackamas area (near Clackamas Town Center). The Wilsonville campus is full service as well, and is easily accessible from I-5. In addition, there are many CCC courses available in other communities throughout the district.

**CCC at Harmony Community Campus**

7738 SE Harmony Road, Milwaukie, Oregon 97222

The following courses are available at Clackamas Community College. For more information, contact 503-594-0633.

**Adult Basic Education/GED**

Instruction offered to improve language arts and math skills, and help students prepare for the GED exam. Students must be at least 16 years old and released from compulsory attendance if under 18 years old. For additional information about orientation and scheduling, please call 503-594-0633.

Days/Harmony Campus: M-TH, 1-3:50 p.m.
GED-015-67  GED PREPARATION, 0 CREDIT

**Business Development Center Classes/Workshops**

Small Business Development Center (SBDC) classes are offered as practical training for owners and managers of small businesses and do NOT fulfill the requirements for any college transfer, general education or certificate programs. For more information about these classes or other questions regarding your small business needs, contact the SBDC at 503-594-0738 or e-mail bizcenter@clackamas.edu.

Website: www.bizcenter.org.

SBM-010-01  REAL ESTATE BROKER LICENSE, 0 CREDITS
SBM-024-01  SMALL BUSINESS MANAGEMENT I, 0 CREDITS
XHPD-C001-01  CPR-INITIAL, 0.6 CEU
XHPD-C001-02  CPR-INITIAL, 0.6 CEU
XSBM-0003-01  GOING INTO BUSINESS, 0 CREDITS
XSBM-0003-02  GOING INTO BUSINESS, 0 CREDITS
XSBM-0003-03  GOING INTO BUSINESS, 0 CREDITS
XSBM-0010-30  PREPARING FOR THE CONSTRUCTION CONTRACTORS BOARD (CCB) EXAM, 0 CREDITS
XSBM-0010-31  PREPARING FOR THE CONSTRUCTION CONTRACTORS BOARD (CCB) EXAM, 0 CREDITS
XSBM-0010-34  PREPARING FOR THE CONSTRUCTION CONTRACTORS BOARD (CCB) EXAM, 0 CREDITS
XSBM-0011-21  QUICKBOOKS PRO: PART I, 0 CREDITS

**Communication Studies**

For more information about these classes call: 503-594-6489

COMM-111-30  PUBLIC SPEAKING, 4 CREDITS
COMM-111-31  PUBLIC SPEAKING, 4 CREDITS
COMM-218-30  INTERPERSONAL COMMUNICATION, 4 CREDITS

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**Harmony Community Campus Hours**

Hours are subject to change. Campus is closed Memorial Day, May 27. Please call 503-594-0620 for updated information.

**Building Hours**

<table>
<thead>
<tr>
<th>Date</th>
<th>Days</th>
<th>Hours</th>
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<tbody>
<tr>
<td>June 17-22</td>
<td>M-Th</td>
<td>7 a.m.-8 p.m.</td>
</tr>
<tr>
<td>June 24-Aug 30</td>
<td>M-Th</td>
<td>7 a.m.-10 p.m.</td>
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**Student Services**

<table>
<thead>
<tr>
<th>Date</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>June 17-22</td>
<td>M-Th</td>
<td>8 a.m.-6 p.m.</td>
</tr>
<tr>
<td>June 24-Aug 30</td>
<td>M-Th</td>
<td>8 a.m.-6 p.m.</td>
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**Financial Aid & Scholarships**

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<tr>
<th>Date</th>
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<tbody>
<tr>
<td>June 24-Aug 30</td>
<td>M&amp;Th</td>
<td>8 a.m.-12 p.m., 1-5 p.m.</td>
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**Advising**

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<tr>
<th>Date</th>
<th>Days</th>
<th>Hours</th>
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<tbody>
<tr>
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<td>M-Th</td>
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**Testing & Assessment**

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**ITS - Information Technology Services**

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<th>Date</th>
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<tr>
<td>June 24-Sept 7</td>
<td>M-Th</td>
<td>7:30 a.m.-5 p.m.</td>
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</table>

**Tutoring Services**

See posted hours on web, [www.clackamas.edu/tutoring](http://www.clackamas.edu/tutoring)

**Bookstore**

See posted hours online [https://clackamas.bncollege.com](https://clackamas.bncollege.com)

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**Where to find food**

**Bookstore:** Harmony West Building 1st Floor Lobby has a wide variety of food choices.

There is a microwave in the Harmony Building 2nd floor common area for students to heat food.

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**Criminal Justice**

For more information about these classes call: 503-594-3203

CJA-110-01  INTRODUCTION TO LAW ENFORCEMENT, 3 CREDITS
CJA-137-01  MASS MURDER AND SERIAL KILLERS, 3 CREDITS
CJA-280-01  CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS
CJA-281-01  CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS

**Emergency Medical Technician**

For more information about these classes contact: Health-Science-Questions@clackamas.edu

EMT-102-01  EMERGENCY MEDICAL TECHNOLOGY PART II, 5 CREDITS
English

For more information about these classes call: 503-594-3254.

ENG-105-30 INTRODUCTION TO LITERATURE: DRAMA, 4 CREDITS
WR-121-30 ENGLISH COMPOSITION, 4 CREDITS
WR-121-31 ENGLISH COMPOSITION, 4 CREDITS
WR-122-30 ENGLISH COMPOSITION, 4 CREDITS
WR-122-31 ENGLISH COMPOSITION, 4 CREDITS
WRD-098-30 INTRODUCTORY READING & WRITING 2: COLLEGE PREPARATION, 4 CREDITS

English as a Second Language

These classes are for students ages 16 and older whose first language is not English. Required: Instructor consent.

Call 503-594-3234 for information. Para más información, llame 503-594-3234.

ESL-012-06 BEGINNING ESL, 0 CREDITS
ESL-014-06 BEGINNING READING & WRITING, 0 CREDITS
ESL-020-06 UPPER BEGINNING GRAMMAR, 0 CREDITS
ESL-025-06 UPPER BEGINNING WRITING, 0 CREDITS
ESL-031-06 INTERMEDIATE GRAMMAR B, 0 CREDITS
ESL-035-06 INTERMEDIATE WRITING, 0 CREDITS
ESL-047-06 EDITING PART 1, 0 CREDITS
ESL-055-06 ADVANCED GRAMMAR C, 0 CREDITS
ESL-082-06 ASSESS/EVALUATE NEW STUDENTS, 0 CREDITS
ESL-083-06 EDUCATIONAL PLANNING FOR RETURNING STUDENTS, 0 CREDITS

Food & Nutrition

For more information about these classes contact: Health-Science-Questions@clackamas.edu

FN-110-01 PERSONAL NUTRITION, 3 CREDITS
FN-225-01 NUTRITION, 4 CREDITS
FN-225-02 NUTRITION, 4 CREDITS

GED Espanol

For more information about these classes call: 503-594-3029
Para más información, llame 503-594-3029.

GED-011-02 GED IN ESPANOL, 0 CREDITS

Health

For more information about these classes call: 503-594-0942

HE-163-01 BODY & DRUGS I: INTRODUCTION TO ABUSE & ADDICTION, 3 CREDITS

Humanities/Social Sciences

For more information about these classes call: 503-594-3111.

HST-101-30 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
MUS-206-01 MUSIC LITERATURE: HISTORY OF ROCK, 4 CREDITS
PSY-101-30 HUMAN RELATIONS, 3 CREDITS
PSY-215-30 INTRODUCTION TO DEVELOPMENTAL PSYCHOLOGY, 4 CREDITS
R-210-30 WORLD RELIGIONS, 4 CREDITS

Mathematics

MTH-060-30 ALGEBRA I, 4 CREDITS
MTH-065-30 ALGEBRA II, 4 CREDITS
MTH-095-30 ALGEBRA III, 4 CREDITS
MTH-105-30 MATH IN SOCIETY, 4 CREDITS
MTH-111-30 COLLEGE ALGEBRA, 5 CREDITS
MTH-112-30 TRIGONOMETRY AND PRE-CALCULUS, 5 CREDITS

Nursing

For more information about these classes contact: Health-Science-Questions@clackamas.edu

NUR-100-01 NURSING ASSISTANT I, 7 CREDITS
NUR-100C-01 NURSING ASSISTANT I CLINICAL, 0 CREDITS
NUR-100C-02 NURSING ASSISTANT I CLINICAL, 0 CREDITS

Science

For more information about these classes call: 503-594-3345

BI-112-30 GENERAL BIOLOGY FOR HEALTH SCIENCES, 4 CREDITS
BI-112-31 GENERAL BIOLOGY FOR HEALTH SCIENCES, 4 CREDITS
BI-112L-30 GENERAL BIOLOGY/HEALTH SCIENCE LAB, 0 CREDITS
BI-112L-31 GENERAL BIOLOGY/HEALTH SCIENCE LAB, 0 CREDITS
BI-231L-30 HUMAN ANATOMY AND PHYSIOLOGY I LAB, 0 CREDITS
BI-232L-30 HUMAN ANATOMY & PHYSIOLOGY II LAB, 0 CREDITS
BI-233L-30 HUMAN ANATOMY & PHYSIOLOGY III LAB, 0 CREDITS
BI-233L-31 HUMAN ANATOMY AND PHYSIOLOGY III LAB, 0 CREDITS
CH-112-30 CHEMISTRY FOR HEALTH SCIENCES, 4 CREDITS
CH-112L-30 CHEMISTRY FOR HEALTH SCIENCES, 4 CREDITS
CH-112L-31 CHEMISTRY FOR THE HEALTH SCIENCES LAB, 0 CREDITS
CH-112L-31 CHEMISTRY FOR THE HEALTH SCIENCES LAB, 0 CREDITS

World Languages

For more information about these classes call: 503-594-3345

SPN-103-30 FIRST-YEAR SPANISH III, 4 CREDITS

CCC Wilsonville Campus

29353 SW Town Center Loop East, Wilsonville, Oregon 97070

Campus is closed July 4 and Sept. 2. Wilsonville hours are subject to change. Please call 503-594-0940 for updated information.

Building Hours 503-594-0940
June 24-Sept 7 M-Th 8 a.m.-6:30 p.m.
F 8 a.m.-5 p.m.

Student Services 503-594-0940
June 24-Sept 7 M-Th 8 a.m.-6:30 p.m.
F 8 a.m.-5 p.m.

Advising Center 503-594-0959
June 24-Sept 7 M-Th 8 a.m.-5 p.m.

Testing & Assessment Center 503-594-0940
June 24-Sept 7 M-Th 8 a.m.-4:30 p.m.
F 8 a.m.-6 p.m.

The following courses are available at Clackamas Community College, Wilsonville Campus and will fulfill all requirements of the Associate of Arts Oregon Transfer and the Associate of General Studies. For more information, contact 503-594-0959.

English

For more information about these classes call: 503-594-3254.

WRD-098-15 INTRODUCTORY READING & WRITING 2: COLLEGE PREPARATION, 4 CREDITS

Humanities/Social Sciences

For more information about these classes call: 503-594-3111.

EC-201-15 PRINCIPLES OF ECONOMICS: MICRO, 4 CREDITS
EC-202-15 PRINCIPLES OF ECONOMICS: MACRO, 4 CREDITS
SOC-204-15 INTRODUCTION TO SOCIOLOGY, 4 CREDITS

Mathematics

For more information about these classes call: 503-594-3395.

MTH-050-15 TECHNICAL MATHEMATICS I, 4 CREDITS
MTH-111-15 COLLEGE ALGEBRA, 5 CREDITS
MTH-243-15 STATISTICS I, 4 CREDITS
MTH-244-15 STATISTICS II, 4 CREDITS
MTH-251-15 CALCULUS I, 5 CREDITS
### Adult Basic Education (ABE)

#### ABE-080  ESL TUTORING, 0 CREDIT

Adult students meet one-on-one or in a small group with a tutor to focus on specific learning needs. The sessions are held in various public places throughout Clackamas County, such as libraries, schools, churches and the college campuses and outreach sites. Tutors help set student goals and a plan of learning. This class is a supplement to other ESL, ABE, or GED classes. Required: Student Petition.

**LCT**

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
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<tr>
<td>ABE-080-01</td>
<td>299199</td>
<td>M. CULLEY</td>
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### Anthropology

#### ANT-103  CULTURAL ANTHROPOLOGY, 4 CREDITS

Introduces the diversity of contemporary human cultures and the ways anthropologists study and compare them in an effort to understand how different societies organize their lives and make sense of the world around them. Explores the interrelationships among the various elements of culture. Recommended: WRD-090 or placement in WRD-098

<table>
<thead>
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<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
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<tr>
<td>ANT-103-01</td>
<td>294472</td>
<td>M. MEDLIN</td>
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### Art

#### ART-100A  JEWELRY MAKING TECHNIQUES, 1 CREDIT

Various topics will introduce techniques in: construction, forming, fabrication, soldering, inlay, etching, mold making, casting, stone setting, chain making and silversmithing. Students will be encouraged to create and design their own jewelry with both meaning and function. Historical and contemporary issues surrounding jewelry and body adornment will be presented and discussed during the course. May be repeated for up to 3 credits.

<table>
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<td>ART-100A-01</td>
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<td>J. IIJIMA</td>
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#### ART-283  PAINTING: LANDSCAPES/BEGINNING, 4 CREDITS

Introduces basic painting tools, materials, techniques, and elements of composition, color, gesture, and value. Projects will involve observational painting with a focus on landscape and its relationship to volume and form on a two-dimensional plane. Assignments include painting, drawing, assigned readings and group critiques of painting projects.

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
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Meets Weeks Of: 6/24-7/11. This class will be creating a large scale painting.

### Auto Body/Collision Repair and Refinishing

#### AM-280  AUTO MECHANICS/CWE, 1-6V CREDITS

Cooperative work experience. Provides students with on-the-job work experience in an auto body repair shop. Required: Student Petition. Corequisites: CWE-281

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
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Required: Student Petition.

### Automotive Service Technology

#### DMC-280  DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6V CREDITS

Cooperative work experience. Provides students with practical experience in the field of media studies. Variable Credit: 3-6 credits. Required: Student Petition. Corequisites: CWE-281

<table>
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<th>Section No.</th>
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### ESPAÑOL

Taught in Spanish

Location code abbreviations:

See Campus Map, page 92.
### Course Listing

<table>
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<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No. Crs.Reg.</th>
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<th>Day Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
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### Biology

#### BI-101
**GENERAL BIOLOGY; CELLULAR BIOLOGY, 4 CREDITS**

An inquiry-based laboratory course focusing on cellular biology, genetics, epigenetics, biotechnology and natural selection. Class uses student centered activities in a collaborative learning environment to enhance appreciation of the biological world. Recommended: MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121.

<table>
<thead>
<tr>
<th>Course No.</th>
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<tr>
<td>WEB</td>
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<td>BI-101-40 294542</td>
<td>K. OSTLUND</td>
<td>$412</td>
<td>$32</td>
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#### BI-101L
**GENERAL BIOLOGY; CELLULAR BIOLOGY LAB, 0 CREDIT**


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<tr>
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#### BI-102
**GENERAL BIOLOGY; ANIMAL SYSTEMS, 4 CREDITS**

An inquiry-based laboratory course focusing on human and animal body systems; including teratogens, Hox genes and hormone mimics in embryonic development. Activities emphasize comparisons across animal phyla to better understand the diversity of life. The class uses student centered activities in a collaborative learning environment to enhance appreciation of the animal kingdom. Recommended: MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121.

<table>
<thead>
<tr>
<th>Course No.</th>
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#### BI-102L
**GENERAL BIOLOGY; ANIMAL SYSTEMS LAB, 0 CREDIT**

Biology lab to the BI-102 lecture section. Corequisites: BI-102.

<table>
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<th>Course No.</th>
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#### BI-103
**GENERAL BIOLOGY; PLANTS & THE ECOSYSTEM, 4 CREDITS**

An inquiry-based laboratory course focusing on plants and the ecosystem; including plant identification, population dynamics, productivity and energy flow. Activities include an integrated approach to understanding environmental issues and the impact of humans on the biosphere. The class uses student centered activities in a collaborative learning environment to enhance appreciation of the biological world. Recommended: MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121.

<table>
<thead>
<tr>
<th>Course No.</th>
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https://www.clackamas.edu
### Course Listing

**Course No.** | **Course title/credit**  | **Section No.** | **Instructor** | **Day** | **Time** | **Tuition Fee** | **Crs. Fee** | **Total**  
---|---|---|---|---|---|---|---|---

**Biology, continued**

**BI-233**  
**HUMAN ANATOMY & PHYSIOLOGY III, 4 CREDITS**  
Lab course covering neuroendocrine control, digestive, excretory and reproductive systems. Study of fluid, electrolyte and acid-base balance. Animal organ dissection required. Prerequisites: BI-232 with a C or better.  
WEB | BI-233-20 | 294570 | T | 6:30-9:20PM | $412 | $32 | $50 | $494  
WEB | **BI-233-30** | 294568 | **MTWH** | 11:15-1:35PM | $412 | $32 | $50 | $494  
WEB | **BI-233L** | 294572 | **MTTH** | 8:10:50AM | $0 | $0 | $0 | $0  
WEB | **BI-233L-31** | 299133 | TH | 6:30-9:20PM | $0 | $0 | $0 | $0

**BI-233L**  
**HUMAN ANATOMY AND PHYSIOLOGY III LAB, 0 CREDIT**  
A lab section for the BI-233 lecture course. Corequisites: BI-233  

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### Business

**BA-101**  
**INTRODUCTION TO BUSINESS, 4 CREDITS**  
Introduces the American business system in a changing global environment. Disciplines covered include economics, entrepreneurship, formation, accounting, finance, marketing, and management. Recommended: WRD-090 or placement in WRD-098  
WEB | BA-101-01 | 294473 | W. WATERS | $412 | $32 | $45 | $489  
WEB | **BA-101-02** | 294476 | W. WATERS | $412 | $32 | $45 | $489  
WEB | **BA-101-03** | 294477 | W. WATERS | $412 | $32 | $45 | $489

**BA-104**  
**BUSINESS MATH, 3 CREDITS**  
Apply mathematics to a variety of problems and situations found in the business world, including: mark-ups and mark-downs; simple interest; present value and future value of single sums and annuities; and solving for unknowns, losses, and valuations of stocks, bonds, mutual funds, and other investments. Also included are accounting-specific applications of depreciation, inventory valuation, and financial ratio analysis. This course meets the Related Instruction Computation requirement. Recommended: MTH-050 or MTH-098 with a C or better, or placement in MTH-050  
WEB | BA-104-01 | 294474 | S. GREENE | $309 | $24 | $45 | $378  
WEB | **BA-104-02** | 294475 | S. GREENE | $309 | $24 | $45 | $378  
WEB | **BA-104-03** | 294476 | S. GREENE | $309 | $24 | $45 | $378

**BA-111**  
**GENERAL ACCOUNTING I, 4 CREDITS**  
This course introduces you to the terminology and processes of full-cycle, cash-based bookkeeping for small service and merchandising businesses that have inventory. Specifically, you will learn how to analyze and record financial transactions, reconcile accounts and trial balances, and prepare basic financial statements. Additional topics include cash management and bank reconciliations, and accounting for sales and purchase discounts. Emphasis is on procedure and practice. Recommended: Placement in MTH-020, and BA-101 and BA-104 with a C or better  
WEB | BA-111-01 | 294475 | J. SAN-CLAIRE | $412 | $32 | $182.40 | $626.40  
WEB | **BA-111-02** | 294480 | T. FRANK | $412 | $32 | $85 | $529

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**BA-131**  
**INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS**  
Introductory course using Microsoft Word, Excel, Access, and PowerPoint applications to create business documents, utilize the Internet, and file management. Recommended: BT-120, and WRD-090 or placement in WRD-098  
WEB | BA-131-01 | 294476 | B. FORNEY | $412 | $32 | $144.95 | $588.95  
WEB | **BA-131-02** | 294477 | B. FORNEY | $412 | $32 | $144.95 | $588.95

**BA-206**  
**MANAGEMENT FUNDAMENTALS, 4 CREDITS**  
Concepts and theories of management with focus on planning, organizing, leading, and controlling. Decision making, planning principles, global management, managing people and teams, effective communication, and motivation are included. Prerequisites: WRD-090 or placement in WRD-098 Recommended: BA-251  
WEB | BA-206-01 | 294478 | S. PARKER | $412 | $32 | $45 | $489  
WEB | **BA-206-02** | 294479 | S. PARKER | $412 | $32 | $45 | $489

**BA-211**  
**FINANCIAL ACCOUNTING I, 4 CREDITS**  
Student develops skills in the essential principles of accrual-basis financial accounting for service and merchandising companies. Topics cover the recording and reporting of financial transactions according to generally accepted accounting principles through the complete accounting cycle. Included are managing inventory, reconciling the cash account, internal controls, ratio analysis, ethics, and financial statement reporting. Emphasis is on procedure and process. Recommended: BA-104 and BA-111 Prerequisites: BA-101  
WEB | BA-211-01 | 294479 | J. SAN-CLAIRE | $412 | $32 | $105 | $549  
WEB | **BA-211-02** | 294480 | J. SAN-CLAIRE | $412 | $32 | $105 | $549  
WEB | **BA-211-03** | 294481 | J. SAN-CLAIRE | $412 | $32 | $105 | $549

**BA-212**  
**FINANCIAL ACCOUNTING II, 4 CREDITS**  
BA-212 picks up where BA-211 left off with accrual accounting principles and practices for service and merchandising organizations. In this course, students examine several accounting practices more in depth, including accounts receivable, plant assets, investments, current and long-term liabilities, payroll, stockholders’ equity, and the cash flow statement. Students are taught how to evaluate financial position through financial statement analysis. This second financial accounting course is designed for students who are interested in business in general, as well as those who are planning a career in accounting. Prerequisites: BA-211  
WEB | BA-212-01 | 294480 | T. FRANK | $412 | $32 | $85 | $529  
WEB | **BA-212-02** | 294481 | T. FRANK | $412 | $32 | $85 | $529

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**Harmony or Wilsonville campus, other off campus location**  
WEB | Online course  
WEB | Online course

**LCT**  
Low-Cost Text - see page 89.

**TBA**  
To be arranged: contact department first class

**V**  
Variable credit class: total cost reflects maximum

**NEW**  
New class

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For information about Clackamas Community College, call 503-594-6000.

**See Campus Map, page 92.**
<table>
<thead>
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<th>Course No.</th>
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<th>Section No.</th>
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<td>BA-213</td>
<td>DECISION MAKING WITH ACCOUNTING INFORMATION, 4 CREDITS</td>
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<td>J. SAN-CLAIRE</td>
<td>294481</td>
<td>Online</td>
<td>6/24-8/15</td>
<td>Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:joan.san-claire@clackamas.edu">joan.san-claire@clackamas.edu</a> or 503-594-3013. Online textbook included in section fees.</td>
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<td>BA-218</td>
<td>PERSONAL FINANCE, 4 CREDITS</td>
<td>BA-218-01</td>
<td>S. PARKER</td>
<td>294482</td>
<td>Online</td>
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<td>Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:sharonp@clackamas.edu">sharonp@clackamas.edu</a> or 503-594-3075.</td>
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<tr>
<td>BA-224</td>
<td>HUMAN RESOURCE MANAGEMENT, 4 CREDITS</td>
<td>BA-224-01</td>
<td>M. MOISO</td>
<td>294483</td>
<td>Online</td>
<td>6/24-8/15</td>
<td>Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:mmoiso@clackamas.edu">mmoiso@clackamas.edu</a> or 503-594-3770.</td>
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<tr>
<td>BA-226</td>
<td>BUSINESS LAW I, 4 CREDITS</td>
<td>BA-226-01</td>
<td>M. MOISO</td>
<td>294484</td>
<td>Online</td>
<td>6/24-8/15</td>
<td>Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:mmoiso@clackamas.edu">mmoiso@clackamas.edu</a> or 503-594-3770.</td>
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<tr>
<td>BA-249</td>
<td>RETAILING, 3 CREDITS</td>
<td>BA-249-01</td>
<td>T. FRANK</td>
<td>294485</td>
<td>Online</td>
<td>6/24-8/15</td>
<td>Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:thomasfr@clackamas.edu">thomasfr@clackamas.edu</a> or 503-594-3680.</td>
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Course Listing

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<th>Time</th>
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<td>S. PARKER</td>
<td>294486</td>
<td>Online</td>
<td>6/24-8/15</td>
<td>Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:sarp@clackamas.edu">sarp@clackamas.edu</a> or 503-594-3075.</td>
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<tr>
<td>BA-285</td>
<td>HUMAN RELATIONS IN BUSINESS, 4 CREDITS</td>
<td>BA-285-01</td>
<td>M. MOISO</td>
<td>294488</td>
<td>Online</td>
<td>6/24-8/15</td>
<td>Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:mmoiso@clackamas.edu">mmoiso@clackamas.edu</a> or 503-594-3770.</td>
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</table>

Business Development Center

Registration for these workshops does not require college admission. Use Quick Entry Registration Form, or e-mail bizcenter@clackamas.edu for online registration instructions.

For more information on these classes or other questions regarding your small business needs, contact the Small Business Development Center (SBDC) at 503-594-0738. Website: www.bizcenter.org

Note: Registration for the following non-credit workshops does not require college admission.

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<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs.Reg.</th>
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<th>Time</th>
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**Business Development Center, continued**

**XSBM-0003 GOING INTO BUSINESS, 0 CREDIT**

Going Into Business orientation introduces the steps you need to take to start-up and successfully operate a small business in Oregon.

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**XSBM-0011 QUICKBOOKS PRO: PART 1, 0 CREDIT**

Learn how to set up and use QuickBooks. Students enter company, customer and vendor information, produce invoices, accept payments, make deposits and pay bills using QuickBooks.

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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
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### Business Technology

**BT-120 PERSONAL KEYBOARDING, 2 CREDITS**

Basic instruction on electronic alphanumeric keyboard. Provides practice for speed and accuracy with individual program. Students will develop the necessary skills to effectively use the Internet, use email, and create simple documents.

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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
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**BT-121 DATA ENTRY, 1 CREDIT**

This course is designed to teach the computer numeric keypad by touch with speed and accuracy using industry standards for data entry. This skill is especially helpful to people in the fields of data entry, accounting, office administration, insurance, banking and finance, and any other work that requires numeric input.

<table>
<thead>
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<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
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<td>Meets: 6/24-8/15. Online. Orientation: June 24, 6-7pm in M130. Contact: <a href="mailto:saras@clackamas.edu">saras@clackamas.edu</a> or 503-594-6674.</td>
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### Chemistry

**CH-104 INTRODUCTORY CHEMISTRY, 5 CREDITS**

A lab transfer course for students in nursing, allied health fields and liberal arts. Topics include: observation, measurement, composition, stoichiometry, atomic structure, periodic table, bonding and nomenclature. Prerequisites: MTH-065 or MTH-098 or placement in MTH-095; and WRD-090 or placement in WRD-098

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<td>Hybrid. Meets: 6/24-8/15. Lecture online. Contact: <a href="mailto:marktink@clackamas.edu">marktink@clackamas.edu</a> or 503-594-3720 or <a href="mailto:shawn.mcdonald@clackamas.edu">shawn.mcdonald@clackamas.edu</a> or 503-594-1669. Orientation on campus 6/25 at 12pm. Lab included.</td>
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**CH-105 INTRODUCTORY CHEMISTRY, 5 CREDITS**

A laboratory course discussing heat; molecular and ionic interactions in solids, liquids, gases and solutions; chemical reactions including acid-base, electron transfer and equilibrium. Prerequisites: CH-104

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<td>Hybrid. Meets: 6/24-8/15. Lecture online. Contact: <a href="mailto:marktink@clackamas.edu">marktink@clackamas.edu</a> or 503-594-3720 or <a href="mailto:shawn.mcdonald@clackamas.edu">shawn.mcdonald@clackamas.edu</a> or 503-594-1669. Orientation on campus 6/25 at 12pm. Lab included.</td>
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**CH-106 INTRODUCTORY CHEMISTRY, 5 CREDITS**

A lab course discussing organic and biochemistry. Prerequisites: CH-105

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### Variable credit class: total cost reflects maximum

**V**

**Spanish**

Taught in Spanish

Location code abbreviations: See Campus Map, page 92.

**WEB**

For online courses, see page 14.
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CH-112 CHEMISTRY FOR HEALTH SCIENCES, 4 CREDITS
One-term preparatory chemistry course for students who want to take BI-231 and/or BI-234. Includes measurement; atomic structure; periodic table; bonding; nomenclature; heat; molecular and ionic interactions in solids; liquids and solutions; chemical reactions including acid-base; organic chemistry; and biochemistry. Prerequisites: MTH-065 or MTH-098 with a C or better or placement in MTH-095 Prequisites: WRD-098 or placement in WRD-098 Recommended: BI-112

CH-112L CHEMISTRY FOR THE HEALTH SCIENCES LAB, 0 CREDIT
Lab section for CH-112 lecture course. Corequisites: CH-112

CH-221 GENERAL CHEMISTRY, 5 CREDITS
Transfer lab course for science, engineering, and professional majors. Covers the nature of chemistry, atomic theory, electron configuration, structure, bonding, properties, composition and nomenclature of covalent and ionic substances. Introduces organic chemistry and biochemistry topics. Prerequisites: CH-104 and CH-105, or CH-150, with a C or better; or a year of high school chemistry within four years of beginning CH-221 (passed all terms with C or higher).

CH-221L GENERAL CHEMISTRY LAB, 0 CREDIT
Lab course for the CH-221 lecture course. Corequisites: CH-221

CH-221S GENERAL CHEMISTRY SEMINAR, 0 CREDIT
Seminar course for the CH-221 lecture course. Corequisites: CH-221

Clinical Lab Assistant
The CCC Clinical Laboratory Assistant/Phlebotomy program is a three-term program of 45-47 credits which prepares graduates for entry level practice in the laboratory setting.

College Success
See also Human Development & Leadership for related classes.

Communication Studies

COMM-111 PUBLIC SPEAKING, 4 CREDITS
Practice in organization, research and delivery of a variety of speeches. Prerequisites: WRD-098 or placement in WR-121.

COMM-210 BASIC SPEECH COMMUNICATION, 3 CREDITS
Explores interpersonal and small group dynamics and communication skills in day-to-day formal and informal situations. Examines positive self-concept, listening skills, verbal and non-verbal modes of communication, and clarity of expression. Designed for non-transfer students.

COMM-218 INTERPERSONAL COMMUNICATION, 4 CREDITS
The interpersonal communication process is examined through lectures, reading, and exercises. Subjects include personal and professional relationships, goal-setting, first impressions, conflict resolution, non-verbal messages, image building, self-concepts and assertiveness. Recommended: WRD-098 or placement in WR-121.

COMM-280 SPEECH/CWE, 2-6V CREDITS
Cooperative work experience. Provides students with on-the-job experience in the field of communications. Variable Credit: 2-6 credits. Required: Student Petition.
### Course Listing

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Day</th>
<th>Tuition</th>
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<tr>
<td></td>
<td>Computer-Aided Drafting Technology</td>
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<td></td>
<td><strong>Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.</strong></td>
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<tr>
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<td><strong>CDT-108A INTRODUCTION TO SOLIDWORKS, 3 CREDITS</strong></td>
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<td></td>
<td>This course is an introduction to the SolidWorks parametric mechanical software. Students will design 3D solid parts, sheet metal parts and assemblies, and develop 2D documentation from them.</td>
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<td>A computer competency course to familiarize students with computer concepts, software applications and the implications of living in the digital age. Introduces students to computer concepts, including, but not limited to the Microsoft Windows environment, Microsoft Office Applications, hardware terminology, social media and the Internet. Prerequisites: CS-090 or placement in CS-120 and WRD-098 or placement in WR-121</td>
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<td><strong>CS-125H HTML &amp; WEB SITE DESIGN, 3 CREDITS</strong></td>
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<td>Hands-on approach to planning, design, and developing published web sites using HTML tags in a text editor. The class focuses on basic HTML coding using HTML 5 models. Hyperlinks, images, cascading style sheets, forms, accessibility and design principles will be covered, as well as tools such as site management, validators, and page editors. Recommended: CS-120 or equivalent experience</td>
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<td><strong>CS-280 COMPUTER SCIENCE/CWE, 1-6V CREDITS</strong></td>
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<td>Cooperative work experience provides supervised work experience to supplement the school experience from the academic classroom environment. Examples would be providing user support, work with computer applications or programming languages, install or manage PC computer systems, and developing websites. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition. Prerequisites: BA-131, CS-140, and CS-160. Corequisites: CWE-281</td>
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<td>Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: CJA-170. Corequisites: CWE-281</td>
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<td>Cooperative work experience. On-the-job experience in a business related to the student's major course of study. Under supervision of instructor and employer. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281.</td>
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**Instructor**  
- **R. ALBERS**  
- **M. SORRENTINO**  
- **J. EICHENBERGER**  
- **M. HOUSE**  
- **S. FURNO**  
- **R. LOCKWOOD/N. MILLER**

**Tuition Fee**  
- **$618**  
- **$309**  
- **$618**  
- **$618**  
- **$618**  
- **$618**

**Time Fee**  
- **$48**  
- **$24**  
- **$48**  
- **$48**  
- **$48**  
- **$48**

**Crs. Fee**  
- **$45**  
- **$24**  
- **$45**  
- **$45**  
- **$45**  
- **$45**

**Total**  
- **$711V**  
- **$135**  
- **$711V**  
- **$711V**  
- **$711V**  
- **$711V**

### Cooperative Work Experience

All students must register for the appropriate CWE course and a CWE Seminar as listed in the following section, Cooperative Work Experience Seminar. Instructor approval is required for all CWE courses. Note: day and time of CWE classes are arranged according to the student’s work hours on the job. Students may earn a maximum of 6 CWE credits per term or a maximum of 12 CWE credits per year. Visit the department website at http://depts.clackamas.edu/cwe/ or call 503-594-3511 for more information.

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|            | **BA-280-01**  
**M. HOUSE** |            |          |     | $618 | $48 | $45 | $711V |
|            | **AM-280-01**  
**R. LOCKWOOD/N. MILLER** |            |          |     | $618 | $48 | $45 | $711V |
|            | **BA-280-01**  
**J. EICHENBERGER** |            |          |     | $618 | $48 | $45 | $711V |

**Instructor**  
- **M. HOUSE**  
- **R. LOCKWOOD/N. MILLER**  
- **J. EICHENBERGER**

**Tuition Fee**  
- **$618**  
- **$618**  
- **$618**

**Time Fee**  
- **$48**  
- **$48**  
- **$48**

**Crs. Fee**  
- **$45**  
- **$45**  
- **$45**

**Total**  
- **$711V**  
- **$711V**  
- **$711V**

### Computer Science

- **CS-120 SURVEY OF COMPUTING, 4 CREDITS**
- **CS-125H HTML & WEB SITE DESIGN, 3 CREDITS**
- **CS-280 COMPUTER SCIENCE/CWE, 1-6V CREDITS**

### Spanish Option

- **ESPAÑOL Taught in Spanish**

Location code abbreviations: See Campus Map, page 92.
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
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<th>Time</th>
<th>Tuition Fee</th>
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**COMM-280 SPEECH/CWE, 2-6V CREDITS**

Cooperative work experience. Provides students with on-the-job experience in the field of communications. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

**CS-280 COMPUTER SCIENCE/CWE, 1-6V CREDITS**

Cooperative work experience provides supervised work experience to supplement the school experience from the academic classroom environment. Examples would be providing user support, work with computer applications or programming languages, install or manage PC computer systems, and developing websites. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition. Prerequisites: BA-131, CS-140, and CS-160. Corequisites: CWE-281

**DMC-280 DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6V CREDITS**

Cooperative work experience. Provides students with on-the-job work experience in the field of media studies. Variable Credit: 3-6 credits. Required: Student Petition. Corequisites: CWE-281

**ECE-280 EARLY CHILDHOOD EDUCATION/CWE, 3 CREDITS**

Cooperative work experience. Provides students with on-the-job experience in the field of early childhood education. Students will work nine hours a week in pre-approved educational settings that serve children from six weeks old through age eight. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: ECE-121, ECE-150, and ECE-154. Corequisites: CWE-281

**ENG-280 ENGLISH/CWE, 2-6V CREDITS**

Cooperative work experience. Provides students with on-the-job experience in the field of English studies. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

**FRP-280 WILDLAND FIRE CWE, 3 CREDITS**

Cooperative Work Experience. Provides students with on-the-job experience in the field of wildland firefighting. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: FRP-131 (S-131/S-133) Corequisites: CWE-281

**GRN-280 GERONTOLOGY/CWE, 2-6V CREDITS**

Cooperative work experience. Acquaint gerontology students with the roles and related activities of organizations serving the elderly. This course provides an opportunity to apply theories and techniques learned in the classroom. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281. Required: Students are expected to work a minimum of 60 job site hours

**HOR-280 HORTICULTURE/CWE, 3 CREDITS**

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281. Required: Students are expected to work a minimum of 90 job site hours

**HOR-282 HORTICULTURE/CWE, 3 CREDITS**

On-the-job experience in the student's major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 12 credits. Required: Student Petition. Required: Students are expected to work a minimum of 90 job site hours

**HOR-284 ORGANIC FARMING - CAMPUS FARM/CWE, 3 CREDITS**

Experiential learning of organic farming techniques, while working on the Campus Farm. Students learn ecological and sustainable practices, principles and management strategies, and will participate in marketing the produce. Students are allowed to enroll after completing nine credits of Organic Farming courses. Class includes a lab component. Required: Student Petition. Required: Students are expected to work a minimum of 108 job site hours

Continued
### Cooperative Work Experience, continued

**HOR-285 ORGANIC FARMING/CWE, 3 CREDITS**
On-the-job experience working with an agricultural business/farm. Students are allowed to enroll in CWE after completing nine credits of Organic Farming courses. May be repeated for up to 6 credits. Required: Student Petition. Required: Students are expected to work a minimum of 90 job site hours. Corequisites: CWE-281

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Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.

**HS-280 HUMAN SERVICES GENERALIST I: CWE/PRACTICUM, 2-6V CREDITS**
Cooperative work experience. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

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<td>294514</td>
<td>J. CURRY</td>
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Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu

**HS-281 HUMAN SERVICES GENERALIST II: CWE/PRACTICUM, 2-6V CREDITS**
Cooperative work experience level II. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

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Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu

**HS-282 HUMAN SERVICES GENERALIST III: CWE/PRACTICUM, 2-6V CREDITS**
Cooperative work experience level III. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

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Required: Student Petition. Corequisite: CWE-281-06. Contact: jacqueline.curry@clackamas.edu

**J-280 JOURNALISM/CWE, 2-6V CREDITS**
Cooperative work experience. Provides the student with on-the-job experience and training related to journalism. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

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**J-280A PUBLIC RELATIONS/CWE, 2-6V CREDITS**
Cooperative work experience. Provides the student with on-the-job experience and training related to public relations. Variable Credit: 2-6 credits. Required: Student Petition.

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**MFG-280 MANUFACTURING TECHNOLOGY/CWE, 1-6V CREDITS**
Cooperative work experience. Practical experience in the manufacturing trades. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281

<table>
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<th>Course No.</th>
<th>Section No.</th>
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**MUS-280 MUSIC/CWE, 2-6V CREDITS**
Cooperative work experience. Provides students with on-the-job work experience in the field of music. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: MUS-107, MUS-140, and MUS-142 Corequisites: CWE-281

**LCT MUS-280-01 294169 ??**
C. DOGGETT $618 $48 $144 $810V
Required: Student Petition. Corequisite: CWE-281

**RET-280 RENEWABLE ENERGY/CWE, 1-12V CREDITS**
Cooperative work experience. Major emphasis on work-based learning experience in the renewable energy field. Coordination of instruction and evaluation of student job performance will be provided by college faculty in conjunction with the student's employer/supervisor. Variable Credit: 1-12 credits. Required: Student Petition. Corequisites: CWE-281

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<th>Course No.</th>
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Corequisite: CWE-281-06. Contact Abe Fouhy at abef@clackamas.edu or 503-594-3659.

**SM-280 ELECTRONICS & MICROELECTRONICS/CWE, 1-6V CREDITS**
Cooperative work experience. Practical experience in the high-tech industry. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

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Corequisite: CWE-281-06. Contact Mike Mattson at 503-594-3322.

**TTL-180 TRANSPORTATION & LOGISTICS/CWE, 6 CREDITS**
Cooperative work experience in the Transportation & Logistics field. Supervision and evaluation of the student's job performance will be provided by qualified staff of the college and employer. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281

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Meets Weeks of: 6/24-8/15. Required: Student Petition. Contact: Matt Goff at matt.goff@clackamas.edu or 503-594-1884, At Clackamas.
**Course Listing**

**WET-180  WATER & ENVIRONMENTAL PROJECTS I, 5 CREDITS**
Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Variable Credit: 1-5 credits.
Corequisites: CWE-281

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**WET-280  WATER & ENVIRONMENTAL PROJECTS II, 5 CREDITS**
Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Practical experience in a municipal, public or private wastewater treatment facility of specific activated sludge design. Process loading criteria, data acquisition and trend charting, and relevant sanitary process strategies will be addressed. Prerequisite or Corequisite: CWE-281

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<td>M. LAFORCE</td>
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**WLD-280  WELDING TECHNOLOGY/CWE, 1-6V CREDITS**
Cooperative work experience in the welding trades. Worksite to be determined prior to registering for this class. Skills learned from welding classes will be applied while working at a job site. Goals for this class will be established with the company supervisor, instructor, and student. An online seminar is also required to complete this course. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition. Corequisites: CWE-281

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
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<tr>
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**Cooperative Work Experience: Seminar**

“COREQUISITE” seminars for Cooperative Work Experience classes listed above. All students must register for the appropriate Cooperative Work Experience class and a seminar section.

**CWE-281  COOPERATIVE WORK EXPERIENCE SEMINAR, 0 CREDIT**
The seminar provides an opportunity to develop the career management skills necessary to obtain, sustain, and advance in employment. Prepares students for career success. Corequisites: Program specific CWE course

<table>
<thead>
<tr>
<th>Course No.</th>
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<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
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**CWE-281-03 | 294073 | M. LAFORCE | $0 | $40 | $40 |

**CWE-281-04 | 294074 | M. LAFORCE | $0 | $40 | $40 |

**CWE-281-06 | 294076 | J. STAPLETON | $0 | $40 | $40 |

**DMC-280  DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6V CREDITS**
Cooperative work experience. Provides students with on-the-job work experience in the field of media studies. Variable Credit: 3-6 credits. Required: Student Petition. Corequisites: CWE-281

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
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<td>T. WASSON</td>
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</table>

**CJA-110  INTRODUCTION TO LAW ENFORCEMENT, 3 CREDITS**
Explores theories, philosophies, and concepts of American law enforcement. This course also examines the history of law enforcement, specific components of the system, public safety responses, and the professionals charged with peace keeping.

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<thead>
<tr>
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<th>Section No.</th>
<th>Crs.Reg.</th>
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**CJA-137  MASS MURDER AND SERIAL KILLERS, 3 CREDITS**
Explores the phenomenon of both mass murders and serial killings, and the impact each has both upon society and individual victims. Examines recent and historically notorious cases, while probing issues such as causation, social environmental linkage, and the mindset of offenders. May be repeated for up to 3 credits.

<table>
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<th>Course title/credit</th>
<th>Section No.</th>
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**CJA-280  CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS**
Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: CJA-170 Corequisites:

<table>
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<th>Course title/credit</th>
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<th>Instructor</th>
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**CJA-281  CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6V CREDITS**
Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. May be repeated for up to 6 credits. Required: Student Petition. Prerequisites: CJA-170 and CJA-280 Corequisites: CWE-281

<table>
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<th>Course title/credit</th>
<th>Section No.</th>
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<th>Tuition Fee</th>
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<td></td>
<td>S. FURNO</td>
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<td>$711V</td>
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**Dental Assistant**
The CCC Dental Assistant is a three-term program of 53-54 credits.

**Digital Media Communications**

**DMC-280  DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6V CREDITS**
Cooperative work experience. Provides students with on-the-job work experience in the field of media studies. Variable Credit: 3-6 credits. Required: Student Petition. Corequisites: CWE-281

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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
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<td>T. WASSON</td>
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<td>$711V</td>
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For more information on Criminal Justice, Corrections, credit for completion of D.P.S.S.T. or law enforcement academies contact Ida Flippo at iflipp@clackamas.edu or 503-594-3363.
Economics

EC-201 PRINCIPLES OF ECONOMICS: MICRO, 4 CREDITS
Focuses on micro-economic theory dealing with the behavior of individuals and profit-maximizing firms in market structures with varying degrees of completion. Coverage includes price theory, international trade, consumer behavior, the theory of the firm, and the potential role of government in affecting market outcomes. Prerequisites: MTH-020 or placement in MTH-098. Prerequisite or Corequisite: WRD-098 or placement in WR-121. Recommended: Sequence of EC-201 and EC-202 taken in order.

EC-201-01 299112 TTH 12-2:45PM
M. WISMER $412 $32 $0 $444

EC-201-15 294492 MW 6-9:50PM
M. WISMER $412 $32 $0 $444

EC-202 PRINCIPLES OF ECONOMICS: MACRO, 4 CREDITS
Introduction to economic theory, policy, and institutions. Focuses on macro-economic theory, scarcity, production, money, unemployment, inflation, and international finance. Prerequisites: MTH-020 or placement in MTH-050 or MTH-060. Prerequisite or Corequisite: WRD-098 or placement in WR-121. Recommended: Sequence of EC-201 and EC-202 taken in order.

EC-202-15 294493 MW 6-9:50PM
M. WISMER $412 $32 $0 $444

Education

ECE-280 EARLY CHILDHOOD EDUCATION/CWE, 3 CREDITS
Cooperative work experience. Provides students with on-the-job experience in the field of early childhood education. Students will work nine hours a week in pre-approved educational settings that serve children from six weeks old through age eight. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: ECE-121, ECE-150, and ECE-154. Corequisites: CWE-281.

ECE-280-01 294941 T 4-5:30PM
D. GLASCOCK $309 $24 $45 $378
On-campus sessions 6/25, 7/23 & 8/20 from 4-5:30pm.
Contact: denise.glascock@clackamas.edu

ED-169 OVERVIEW OF CATEGORIES OF DISABILITIES, 3 CREDITS
Provides an introduction to the categories of disability described in the Individuals with Disabilities Education Act (IDEA). Topics include definitions under federal law, implications in school settings, and intervention strategies to meet students’ special needs.

WEB ED-169-01 294946
T. GOWDY $309 $24 $40 $373
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu
Contact: tami.gowdy@clackamas.edu

ED-246 SCHOOL, FAMILY & COMMUNITY RELATIONS, 4 CREDITS
Focuses on the knowledge and skills to work effectively with families and community professionals in early childhood education (6 weeks of age through 3rd grade). Emphasis is on building and maintaining positive relationships to foster cooperation and mutual respect between early childhood professionals and the families of the children with whom they are working.

WEB ED-246-01 294948
B. KING $412 $32 $40 $484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu
Contact: briana.king@clackamas.edu

Electronics & Microelectronics

SM-280 ELECTRONICS & MICROELECTRONICS/CWE, 1-6V CREDITS
Cooperative work experience. Practical experience in the high-tech industry. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. Required: Student Petition. Corequisites: CWE-281.

SM-280-01 294708
M. MATTSON $618 $48 $45 $711V
Corequisite: CWE-281-06. Contact Mike Mattson at 503-594-3322.

Emergency Medical Technology

EMT-102 EMERGENCY MEDICAL TECHNOLOGY PART II, 5 CREDITS
Continuation of EMT-101. Focus on: medical and trauma emergencies, EMS operations, and special populations. Includes 16 hours of observational time in an emergency department and with an EMS unit. Prerequisites: EMT-101.

WEB EMT-102-01 294077 TTH 6-9:30PM
T. SAWZAK $515 $40 $320 $875
Contact: tanas@clackamas.edu 16 observational hours/TBA. State/national certification exams, dates/TBA. At Harmony Community Campus.

XHPD-C001 CPR-INITIAL, 0.6 CEU
This workshop meet the learning outcomes to earn an American Heart Association (AHA) BLS for the Healthcare Provider CPR card. This meets both initial certification or renewal of AHA Healthcare Provider CPR card requirements. Open registration.

WEB XHPD-C001-01 299124 T 9:2-5:0PM
T. SAWZAK $0 $0 $75 $75

WEB XHPD-C001-02 299125 T 9-2:50PM
T. SAWZAK $0 $0 $0 $0

Español Taught in Spanish

Location code abbreviations: See Campus Map, page 92.

For information about Clackamas Community College, call 503-594-6000
### English as a Second Language

All new students attending classes at CCC campus or Harmony campus must enroll in ESL-082-01 or ESL-082-06. Call 503-594-3234 for campus appointment and 503-594-3234 for Harmony appointment.

Todas los estudiantes de nuevo ingreso que asisten a clases en CCC en Oregon City o Harmony en Milwaukie, deberán inscribirse en la clase ESL-082-01 o ESL-082-06. Llame al 503-594-3234 si quiere ir al campus en Oregon City, o al 503-594-3234 si quiere ir al campus de Harmony en Milwaukie.

#### ESL-012 BEGINNING ESL, 0 CREDIT

English language learners speak and listen to simple words, phrases, questions, statements and commands using common English vocabulary in simple, highly-structured tasks. Required: Student Petition.

<table>
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<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
<th>Day</th>
<th>Time</th>
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#### ESL-014 BEGINNING READING & WRITING, 0 CREDIT

English language learners read and write the alphabet, sight words, and simple sentences. Required: Student Petition.

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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
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#### ESL-020 UPPER BEGINNING GRAMMAR, 0 CREDIT

English language learners study and practice basic verb forms (simple present and present progressive), and adverbs of frequency in written and spoken English. Required: Student Petition.

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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
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#### ESL-024 UPPER BEGINNING READING & WRITING, 0 CREDIT

English language learners read short texts to improve reading skills, write simple, compound, and complex sentences, and write related sentences in paragraph form for the contexts of school, work, family and community. Required: Student Petition.

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<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
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<th>Instructor</th>
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#### ESL-025 UPPER BEGINNING WRITING, 0 CREDIT

English language learners write simple, compound, and complex sentences, and write related sentences in paragraph form for the contexts of school, work, family and community. Required: Student Petition.

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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
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#### ESL-031 INTERMEDIATE GRAMMAR B, 0 CREDIT

One of a two-part series. English language learners study and practice simple past and past progressive verb forms, present perfect verb forms with time expressions, and comparative and superlative adjectives and adverbs. Required: Student Petition.

<table>
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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
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#### ESL-032 INTERMEDIATE CONVERSATION, 0 CREDIT

English language learners study and practice speaking and listening skills and strategies in structured tasks to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

<table>
<thead>
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<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
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#### ESL-034 INTERMEDIATE READING & WRITING, 0 CREDIT

English language learners read a variety of texts to improve reading skills, and write paragraphs focused on a single topic developed with logically organized facts and details for the contexts of school, work, family and community. Required: Student Petition.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
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#### ESL-035 INTERMEDIATE WRITING, 0 CREDIT

English language learners write paragraphs focused on a single topic developed with logically organized facts and details for the contexts of school, work, family and community. Required: Student Petition.

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<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
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#### ESL-042 UPPER INTERMEDIATE CONVERSATION, 0 CREDIT

English language learners study and practice speaking and listening skills and strategies for independent communication to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

<table>
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<th>Section No.</th>
<th>Instructor</th>
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#### ESL-044 UPPER INTERMEDIATE READING & WRITING, 0 CREDIT

English language learners read a variety of texts to improve reading skills, and produce basic multi-paragraph texts for the contexts of school, work, family and community. Required: Student Petition.

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<thead>
<tr>
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<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
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#### ESL-047 EDITING PART 1, 0 CREDIT

English language learners improve their writing through editing. Required: Student Petition.

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#### ESL-051 ADVANCED GRAMMAR B, 0 CREDIT

One of a three-part series. English language learners study and practice count/non-count nouns, definite/indefinite articles, and noun clauses in written and spoken English. Required: Student Petition.

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### Course Listing

**English as a Second Language, continued**

**ESL-053  ADVANCED COMMUNICATION SKILLS 2, 0 CREDIT**
English language learners practice speaking and listening strategies for effective communication for discussions, interviews, presentations, and note-taking to improve fluency in speaking and listening. Students will study the important effect intonation and body language have on meaning, build vocabulary and critical thinking skills, and develop confidence in speaking with purpose. The focus of this course is to prepare students for success in the workplace and community. Required: Student Petition.

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<th>Course No.</th>
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**ESL-054  ADVANCED READING & WRITING, 0 CREDIT**
English language learners develop writing skills including summarizing, response writing, and paraphrasing, and improve writing fluency. Develop reading skills and fluency through reading a range of texts on a variety of topics. Required: Student Petition.

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**ESL-055  ADVANCED GRAMMAR C, 0 CREDIT**
One of a three-part series. English language learners study and practice gerunds, infinitives, passive voice, and adjective clauses in written and spoken English. Required: Student Petition.

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**ESL-082  ASSESS/EVALUATE NEW STUDENTS, 0 CREDIT**
New students in the ESL program receive information about classes offered, departmental and college policies, college services available, campus facilities, student responsibilities, and community resources. Students are tested to determine their language levels and class placement. Required: Student Petition.

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<th>Section No.</th>
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**ESL-083  EDUCATIONAL PLANNING FOR RETURNING STUDENTS, 0 CREDIT**
Designed for returning students in the ESL program at CCC. Students meet with their instructors to review their progress, revisit their goals, register for classes, and learn how to transition to other educational and training opportunities at the college and in other community programs. Required: Student Petition.

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<th>Section No.</th>
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**ESL-091  ESL SKILLS LAB, 0 CREDIT**
English language learners are provided the opportunity to intensify their learning at each level. Students build on the language learning skills and strategies acquired during the previous and current terms. Required: Student Petition.

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<th>Section No.</th>
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**ESL-199  CAREER GOALS LAB, 0 CREDIT**
English language learners who have already identified a career they want to pursue engage in goal setting around academic programs or other training, financial planning and support planning. The course may be taken multiple terms until the student successfully transitions to an academic program, a training program, or a living wage job.

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**PIE-012  BEGINNING ESL, 0 CREDIT**
English language learners speak and listen to simple words, phrases, questions, statements and commands using common English vocabulary in simple, highly-structured tasks. Required: Student Petition.

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<th>Section No.</th>
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**PIE-020  UPPER BEGINNING GRAMMAR, 0 CREDIT**
English language learners study and practice basic verb forms (simple present, and present progressive) and adverbs of frequency in written and spoken English. Required: Student Petition.

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**PIE-024  UPPER BEGINNING READING & WRITING, 0 CREDIT**
English language learners read short texts to improve reading skills, write simple, compound, and complex sentences, and write related sentences in paragraph form for the contexts of school, work, family and community. Required: Student Petition.

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**PIE-031  INTERMEDIATE GRAMMAR B, 0 CREDIT**
One of a two-part series. English language learners study and practice simple past verb forms, ‘used to’, present perfect verb forms with time expressions, and comparative and superlative adjectives and adverbs. Required: Student Petition.

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**PIE-032  INTERMEDIATE CONVERSATION, 0 CREDIT**
English language learners study and practice speaking and listening skills and strategies in structured tasks to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

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- Harmony or Wilsonville campus; other off campus location
- WEB Online course - see page 14.
- HYB Classroom/online course - see page 15.
- LCT Low-Cost Text - see page 89.
- V Variable credit class: total cost reflects maximum
- NEW New class
- ESPAÑOL Taught in Spanish
- Location code abbreviations: See Campus Map, page 92.
PIE-034 INTERMEDIATE READING & WRITING, 0 CREDIT
English language learners read a variety of texts to improve reading skills, and write paragraphs focused on a single topic developed with logically organized facts and details for the contexts of school, work, family and community. Required: Student Petition.

PIE-034-01 294323 MTWTH 9:10-10:50AM
STAFF $618 $48 $480 $1146

PIE-042 UPPER INTERMEDIATE CONVERSATION, 0 CREDIT
English language learners study and practice speaking and listening skills and strategies for independent communication to improve fluency in the contexts of school, work, family and community. Required: Student Petition.

PIE-042-01 294326 MW 11:30-1:20PM
STAFF $309 $24 $240 $573

PIE-044 UPPER INTERMEDIATE READING & WRITING, 0 CREDIT
English language learners read a variety of texts to improve reading skills, and produce basic multi-paragraph texts for the contexts of school, work, family and community. Required: Student Petition.

PIE-044-01 294328 MTWTH 9:10-10:50AM
STAFF $618 $48 $480 $1146

PIE-051 ADVANCED GRAMMAR B, 0 CREDIT
One of a three-part series. English language learners study and practice count/non-count nouns, definite/indefinite articles, and noun clauses in written and spoken English. Required: Student Petition.

PIE-051-01 299168 TTH 11:30-1:20PM
STAFF $309 $24 $240 $573

PIE-053 ADVANCED COMMUNICATION SKILLS 2, 0 CREDIT
English language learners practice speaking and listening strategies for effective communication for discussions, interviews, presentations, and note-taking to improve fluency in speaking and listening. Students will study the important effect intonation and body language have on meaning, build vocabulary and critical thinking skills, and develop confidence in speaking with purpose. The focus of this course is to prepare students for success in the workplace and community. Required: Student Petition.

PIE-053-01 294333 MW 11:30-1:20PM
STAFF $309 $24 $240 $573

PIE-054 ADVANCED READING & WRITING, 0 CREDIT
English language learners develop writing skills including summarizing, response writing, and paraphrasing, and improve writing fluency. Develop reading skills and fluency through reading a range of texts on a variety of topics. Required: Student Petition.

PIE-054-01 294335 MTWTH 9:10-10:50AM
STAFF $618 $48 $480 $1146

PIE-091S PIE SKILLS LAB SECOND YEAR SU, 0 CREDIT
This second year course is intended to intensify students’ learning at each level. Summer term, students build on the language learning skills and strategies acquired during the previous and current terms. Required: Student Petition.

PIE-091S-01 294339 MTWTH 1:30-2:20PM
STAFF $309 $24 $240 $573

PIE-095 PIE TUTORING, 0 CREDIT
English language learners in the Program for Intensive English receive one-on-one instruction in conversation, pronunciation, reading, grammar, writing, or GED preparation. The student meets with a tutor or instructor and work on the above skill areas. Required: Student Petition.

PIE-095-01 294342 TBA TBA
STAFF $309 $24 $0 $333

XCIV-0001 CITIZENSHIP PREPARATION, 0 CREDIT
Prepares students to pass the oral exam for U.S. citizenship. Students study U.S. history, government, citizens’ rights and responsibilities, and U.S. symbols independently through a self-paced, online distance learning course, and periodic meetings with the Volunteer Tutor Coordinator, taking quizzes after completing separate modules.

XCIV-0001-01 294350 T 1:30-2:30PM
STAFF $0 $0 $0 $0

English Composition
See “Writing” for all writing and English composition classes.

English Literature
ENG-104 INTRODUCTION TO LITERATURE: FICTION, 4 CREDITS
An introduction to American and international short stories, with a focus on the fundamental elements of fiction. Also examines the historical, social, and cultural background and significance of fiction. Students engage in literary analysis, use literary terminology, and develop personal and scholarly responses to fiction. Recommended: WRD-098 or placement in WR-121

LCT ENG-104-01 299118 TTH 12:23-2:53PM
C. BURNELL $412 $32 $0 $444

ENG-105 INTRODUCTION TO LITERATURE: DRAMA, 4 CREDITS
An introduction to American and international drama, emphasizing reading, appreciation, discussion, and literary analysis. Focuses on defining the genre and elements of drama, encouraging students’ personal reflections and cultural understanding, incorporating relevant literary theories, and practicing the close reading and analysis of dramatic works. Recommended: WRD-098 or placement in WR-121

HYB LCT ENG-105-30 294499 M 6:8-8:35PM
P. CRUMRINE $412 $32 $20 $464
Hybrid. Meets: 6/24-8/15 every Monday plus online hours. Contact: crumrine@clackamas.edu or 503-594-3976. At Harmony Community Campus.

ENG-255 AMERICAN LITERATURE, 4 CREDITS
Focus on selected authors and works of American fiction, poetry, nonfiction, and drama. Theme changes yearly. Recommended: WRD-098 or placement in WR-121

WEB LCT ENG-255-01 299119
S. PESZNECKER $412 $32 $40 $484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: susanzl@clackamas.edu or 503-594-3799.
### Course Listing

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<th>Course title/credit</th>
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<td>T. DONELLY</td>
<td>$412</td>
<td>$32</td>
<td>$40</td>
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<td>$45</td>
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<td>WEB LCT</td>
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<tr>
<td>ENG-280</td>
<td>ENGLISH/CWE, 2-6 V CREDITS</td>
<td>ENG-280-01</td>
<td>294503</td>
<td>C. BURNELL</td>
<td>$618</td>
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<td>WEB</td>
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<tr>
<td>HDF-260</td>
<td>UNDERSTANDING CHILD ABUSE AND NEGLECT, 4 CREDITS</td>
<td>HDF-260-01</td>
<td>294511</td>
<td>S. FURNO</td>
<td>$412</td>
<td>$32</td>
<td>$40</td>
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<tr>
<td>FN-110</td>
<td>PERSONAL NUTRITION, 3 CREDITS</td>
<td>FN-110-01</td>
<td>294107</td>
<td>J. NICKELL</td>
<td>$412</td>
<td>$32</td>
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<td>$95</td>
<td>$539</td>
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<tr>
<td>FN-225</td>
<td>NUTRITION, 4 CREDITS</td>
<td>FN-225-01</td>
<td>294108</td>
<td>J. NICKELL</td>
<td>$412</td>
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<td>$95</td>
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</tbody>
</table>

### Environmental Learning Center

We also offer field trips and other educational opportunities for K-12 students. Please contact rharber@clackamas.edu for more information.

### Family Studies

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDF-260</td>
<td>UNDERSTANDING CHILD ABUSE AND NEGLECT, 4 CREDITS</td>
<td>HDF-260-01</td>
<td>294511</td>
<td>S. FURNO</td>
<td>$412</td>
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<td>$711V</td>
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### Fire Science (Wildland)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
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<td>FRP-280</td>
<td>WILDLAND FIRE CWE, 3 CREDITS</td>
<td>FRP-280-01</td>
<td>294574</td>
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### Food & Nutrition

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<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN-110</td>
<td>PERSONAL NUTRITION, 3 CREDITS</td>
<td>FN-110-01</td>
<td>294107</td>
<td>J. NICKELL</td>
<td>$412</td>
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<tr>
<td>FN-225</td>
<td>NUTRITION, 4 CREDITS</td>
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<td>294108</td>
<td>J. NICKELL</td>
<td>$412</td>
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</tbody>
</table>

### General Education Development (GED)

GED Classes offered Days and Evenings

Students will be placed in the appropriate class based on their schedules and intake assessments. To begin the intake process, please call 503-594-3028 for orientation information.

GED Days/Dye Learning Center: D-133, MTWTH, 9:11-5:00AM

ABE/GED Days/Harmony Campus: H140, MTWTH, 1:3-5:00PM

GED Evenings/Dye Learning Center: D-133, M/W, 5:30-7:50PM

### Spanish

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>GED-011</td>
<td>GED EN ESPANOL, 0 CREDIT</td>
<td>GED-011-01</td>
<td>294063</td>
<td>A. ARISTIZABAL</td>
<td>$0</td>
<td>$0</td>
<td>$50</td>
</tr>
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<tr>
<td>GED-011</td>
<td>GED EN ESPANOL, 0 CREDIT</td>
<td>GED-011-02</td>
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<td>$0</td>
<td>$50</td>
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</tbody>
</table>

## Course Offering Locations

- Harmony or Wilsonville campus, other off campus locations
- WEB Online course - see page 14
- HYB Classroom/online course - see page 15
- LCT Low-Cost Text - see page 99
- TBA To be arranged: contact department first class
- V Variable credit class: total cost reflects maximum
- NEW New class

For information about Clackamas Community College, call 503-594-6000
**Geographic Information Systems (GIS)**

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3473.

**GIS-201 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS, 3 CREDITS**

The class covers key concepts, methodologies, and problem solving techniques used in a Geographic Information System (GIS). Students are introduced to the basics of viewing, analyzing and mapping GIS data using ArcGIS and open-source GIS software. Students will also apply GIS to real-world projects.

<table>
<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
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<tbody>
<tr>
<td>HYB GIS-201-01 299334</td>
<td>STAFF HYB</td>
<td>TTH</td>
<td>5-7:50PM</td>
<td>$309</td>
<td>$24</td>
<td>$90</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Hybrid. Meets Tuesdays and Thursdays plus additional online hours.</td>
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</table>

**Geography**

**GEO-100 INTRODUCTION TO PHYSICAL GEOGRAPHY, 4 CREDITS**

An introductory lab course that explores the geology and historic development of Northwest with an emphasis on Oregon geology. Each of the geologic regions is examined by using basic geologic principles, rock types, hazards and the Northwest’s tectonic history. Required: Two Saturday field trips.

<table>
<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>LCT GEO-100-01 294510</td>
<td>C. FELDMAN</td>
<td>MW</td>
<td>12-2:45PM</td>
<td>$412</td>
<td>$32</td>
<td>$0</td>
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</table>

**Geology**

**G-145 GEOLOGY OF THE PACIFIC NORTHWEST, 4 CREDITS**

An introductory lab course that explores the geology and historic development of Northwest with an emphasis on Oregon geology. Each of the geologic regions is examined by using basic geologic principles, rock types, hazards and the Northwest’s tectonic history. Required: Two Saturday field trips.

<table>
<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
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<tbody>
<tr>
<td>LCT G-145-01 299141</td>
<td>B. WALKER</td>
<td>MW</td>
<td>9-11:50AM</td>
<td>$412</td>
<td>$32</td>
<td>$55</td>
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</table>

**Gerontology**

**GRN-280 GERONTOLOGY/CWE, 2-6V CREDITS**

Cooperative work experience. Acquaint gerontology students with the roles and related activities of organizations serving the elderly. This course provides an opportunity to apply theories and techniques learned in the classroom. Variable Credit: 2-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281 Prerequisite or Corequisite: HS-170

<table>
<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
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<tbody>
<tr>
<td>GRN-280-01 294070</td>
<td>J. STEINBERG</td>
<td>T</td>
<td>9-11:50AM</td>
<td>$618</td>
<td>$48</td>
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**Health**

**HE-163 BODY & DRUGS I: INTRODUCTION TO ABUSE & ADDICTION, 3 CREDITS**

The first of a four-course sequence, this course examines the history of the use of addictive drugs, the definition of addiction, psychosocial and neurobiological causes of drug and behavioral addiction, addictive drug classifications, and the history of introduction to addiction treatment.

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<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
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<tbody>
<tr>
<td>HE-163-01 299079</td>
<td>T. PANTAGES</td>
<td>MW</td>
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<td>$309</td>
<td>$24</td>
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<td>Hybrid. Meets: 6/24-8/21 At Harmony Community Campus.</td>
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</table>

**HE-204 NUTRITION & WEIGHT CONTROL, 3 CREDITS**

Methods of maintaining or improving nutrition by considering diets and dieting, obesity, types of exercise, physical testing, cardio-vascular fitness and nutritional concepts.

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<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
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<tbody>
<tr>
<td>HE-204-01 294604</td>
<td>K. STEEN</td>
<td>MW</td>
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<td>$309</td>
<td>$24</td>
<td>$40</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Contact: <a href="mailto:kaylas@clackamas.edu">kaylas@clackamas.edu</a> or 503-594-6394.</td>
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</table>

**HE-250 PERSONAL HEALTH, 3 CREDITS**

Explores the interaction and the quality of life. Includes emotional behavior, drugs, disease, nutrition, human sexuality, cardiovascular functioning, and medical care.

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<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
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<tr>
<td>HE-250-01 294607</td>
<td>K. STEEN</td>
<td>MW</td>
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<td>$309</td>
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<td>$55</td>
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<td></td>
<td>Contact: <a href="mailto:kaylas@clackamas.edu">kaylas@clackamas.edu</a> or 503-594-6394.</td>
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**HE-252 FIRST AID/CPR/AED, 3 CREDITS**

Provides instruction on immediate and temporary care of injuries and sudden illness. Covers poisoning, control of bleeding, bandaging and CPR/AED/airway obstruction for adult, child and infant. Successful completion (A or B grade) of course leads to a Red Cross First Aid/CPR/AED certification.

<table>
<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
<th>Total</th>
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<tbody>
<tr>
<td>HE-252-01 294609</td>
<td>K. ARIZO</td>
<td>MW</td>
<td>4-5:50PM</td>
<td>$309</td>
<td>$24</td>
<td>$55</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Hybrid. Meets: 6/12 &amp; 8/14; additional hours online. Contact: <a href="mailto:kevina@clackamas.edu">kevina@clackamas.edu</a> or 503-594-3270.</td>
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</table>

**Healthcare Professional Development**

**XHPD-C001 CPR-INITIAL, 0.6 CEU**

This workshop meet the learning outcomes to earn an American Heart Association (AHA) BLS for the Healthcare Provider CPR card. This workshop meets both initial certification or renewal of AHA Healthcare Professional Development CPR card requirements. Open registration.

<table>
<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
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<tbody>
<tr>
<td>XHPD-C001-01 299124</td>
<td>T. SAWZAK</td>
<td>T</td>
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<td>$0</td>
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<td>$75</td>
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<tr>
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<td></td>
<td>Contact: <a href="mailto:kevina@clackamas.edu">kevina@clackamas.edu</a> or 503-594-6394.</td>
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<thead>
<tr>
<th>Section No. Crs.Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
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<tbody>
<tr>
<td>XHPD-C001-02 299125</td>
<td>T. SAWZAK</td>
<td>T</td>
<td>9-2:50PM</td>
<td>$0</td>
<td>$0</td>
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</table>
High School Diploma (AHSD)
The Adult High School Diploma program is designed for students who have earned at least 14 credits. Students who are under 18 years old or whose high school class has not graduated must have an official CCC referral or a release from compulsory attendance to begin the program. Classes are assigned individually. Please contact the Skills Development Department at 503-594-3028.

History

HST-101 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
Origins and development of Western Civilization with a primary focus on Europe from ancient times to ca. 1300. Recommended: WRD-090 or placement in WRD-098
✅
HST-101-30 294520 MW 9-11:45AM
J. JARVIE $412 $32 $0 $444

HST-102 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
Origins and development of Western Civilization with an emphasis on Europe from ca. 1300 to 1800. Recommended: WRD-090 or placement in WRD-098
WEB
HST-102-01 294522
P. MCFARLAND $412 $32 $40 $484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu
Contact: patmc@clackamas.edu or 503-594-3411.

HST-103 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
Development of Western Civilization with an emphasis on Europe from the 19th century to the present. Recommended: WRD-090 or placement in WRD-098
WEB
HST-103-01 294524
P. MCFARLAND $412 $32 $40 $484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu
Contact: patmc@clackamas.edu or 503-594-3411.

HST-201 HISTORY OF THE UNITED STATES, 4 CREDITS
Covers the period in American history from first European contact to the Age of Jackson. Prerequisite or Corequisite: WRD-090 or placement in WR-121 Recommended: Sequence of HST-201, HST-202, and HST-203 is taken in order
LCT
HST-201-01 299238 TTH 9-11:45AM
C. PRESTI $412 $32 $40 $484

Horticulture/Arboriculture/Landscape/ Organic Farming
For more information call 503-594-3292.

XHOR-0012 SMALL FARM SCHOOL, 0 CREDIT
For small acreage farmers and rural landowners in the North Willamette Valley. Hands-on workshops and classroom topics will cover business and marketing, vegetable crops, the fruits, equipment, livestock, pasture, beginning farmers, policy, and soil, and water.
XHOR-0012-01 299244 TH 8-4:50PM
STAFF $0 $0 $0 $0
Printed Comments: Meets: 7/18. For Registration and class information go to bit.ly/smallfarmschool or contact Heidi at heidi.noordijk@oregonstate.edu or 571-801-0392. Fee is $75.

XHOR-013 LAWS, RULES AND BUSINESS PRACTICES FOR LANDSCAPE CONTRACTORS, 0.4 CEU
This class serves as a review for the Oregon Landscape Contractors Board's Laws, Rules and Business Practices exam. An applicant that passes one phase of the practical skills “hands-on” exam (Planting or Irrigation) may choose to take this course in lieu of the full written Laws, Rules and Business Practice exam. Check with the LCB for exam registration and details.
XHOR-013-01 299242 S 8-11:50AM
A. CHASTAIN $0 $0 $100 $100
Meets: 7/27.

XHOR-013S LEYES, REGLAS Y PRÁCTICAS DE NEGOCIOS PARA CONTRATISTAS DE PAISAJES (LANDSCAPING), 0.4 CEU
Esta clase sirve como un repaso para el examen de Leyes, Reglas y Prácticas de Negocio de la Oregon Landscape Contractors Board. Un candidato que pase una fase del examen práctico de habilidades prácticas (Plantación o Riego) puede optar por tomar este curso en lugar del examen completo de Leyes, Normas y Prácticas de Negocios. Consulte con la LCB para el registro y detalles del examen.
XHOR-013S-01 299243 S 1-4:50PM
A. CHASTAIN $0 $0 $100 $100

HOR-146 FRUIT & BERRY GROWING, 3 CREDITS
Regionally appropriate fruit and berry production practices that are suitable for urban areas and small farms. Class will utilize the Home Orchard Society’s demonstration orchard located on campus. Class includes a lab component.
HOR-146-01 294611 W 2-5:50PM
T. LORDY $309 $24 $40 $373

HOR-211 NATIVE PLANT IDENTIFICATION, 1 CREDIT
Identification and use of plants native to the Pacific Northwest and the use of plant keys.
HOR-211-01 294612 M 9-10:50AM
D. FRANEK $103 $8 $40 $151
Meets: 6/24-7/22.

HOR-280 HORTICULTURE/CWE, 3 CREDITS
On-the-job experience in the student’s major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281 Required: Students are expected to work a minimum of 90 job site hours
HOR-280-01 294619
F. KILDERS $309 $24 $45 $328
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.

HOR-281 HORTICULTURE/CWE, 6 CREDITS
On-the-job experience in the student’s major course of study. Students are allowed to enroll after completing nine credits of horticulture courses. May be repeated for up to 12 credits. Required: Student Petition. Required: Students are expected to work a minimum of 180 job site hours Corequisites: CWE-281
HOR-281-01 294622
F. KILDERS $618 $48 $45 $711
Meets: 6/24-8/29. Contact: Frank Kilders at frank.kilders@clackamas.edu or 503-594-3011.

For information about Clackamas Community College, call 503-594-6000
**Course Listing**

**Human Development & Leadership**

*See also College Success for related classes.*

**Human Services**

**HS-104 USING DIAGNOSTIC CRITERIA IN ADDICTION TREATMENT, 1 CREDIT**

This course will present an overview of The American Society of Addiction Medicine (ASAM) Criteria and the Diagnostic and Statistical Manual (DSM) criteria related to addiction and substance use. Students will gain familiarity with the use of the ASAM Criteria to enhance the use of multidimensional assessments to develop patient-centered service plans. Students will also gain knowledge about the use of the DSM Manual to guide diagnosis and treatment of Substance Use Disorders.

*HYB*  **HS-104-01 299065**  
T  6-7:50PM  
M. MANEWAL  
Hybrid. Meets: 6/25, 7/16 & 8/13 plus additional hours online.  
Contact: monica.maneval@clackamas.edu

**HS-211 INFECTIOUS DISEASES AND HARM REDUCTION, 1 CREDIT**

This course will explore the relationship between substance abuse and infectious diseases, and discuss methods for reducing transmission of these diseases. Diseases will include HIV/AIDS, tuberculosis, hepatitis, and sexually transmitted infections. This course will provide students with techniques for assisting clients with assessing risk, practicing harm reduction, and evaluating treatment options.

*WEB*  **HS-211-01 294513**  
Y. SMITH  
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu  
Contact: yvonnes@clackamas.edu

**HS-280 HUMAN SERVICES GENERALIST I: CWE/PRACTICUM, 2-6 CREDITS**

Cooperative work experience. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

**HS-281 HUMAN SERVICES GENERALIST II: CWE/PRACTICUM, 2-6 CREDITS**

Cooperative work experience level II. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

**HS-282 HUMAN SERVICES GENERALIST III: CWE/PRACTICUM, 2-6 CREDITS**

Cooperative work experience level III. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition. Prerequisites: HS-170 Corequisites: CWE-281

**Journalism**

**J-280 JOURNALISM/CWE, 2-6V CREDITS**

Cooperative work experience. Provides the student with on-the-job experience and training related to journalism. Variable Credit: 2-6 credits. Required: Student Petition. Corequisites: CWE-281

**J-280A PUBLIC RELATIONS/CWE, 2-6V CREDITS**

Cooperative work experience. Provides the student with on-the-job experience and training related to public relations. Variable Credit: 2-6 credits. Required: Student Petition.
### Course Listing

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<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Day</th>
<th>Tuition</th>
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<td>LCT Low-Cost Text - see page 99.</td>
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#### Library

**LIB-101 INTRODUCTION TO LIBRARY RESEARCH, 1 CREDIT**  
Trains students in the use of a variety of print and electronic information resources, search tools, and information evaluation. Excellent preparation for term papers and other research assignments. Recommended: CS-090 or equivalent experience

WEB LCT  
**LIB-101-01**  
294636  
K. LEEK  
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#### Manufacturing Engineering Technology

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Students Success Center, 503-594-3475.

#### Manufacturing Technology

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.

**MFG-104 PRINT READING, 2 CREDITS**  
Introduction to basic print reading. Students will use the principles of orthographic projection and current industry standards as they apply this knowledge to interpreting manufacturing prints.


**MFG-105 DIMENSIONAL INSPECTION, 2 CREDITS**  
Covers precision measuring tools such as micrometers, dial indicators, gauge blocks, sine bars and other instruments used in quality control of manufactured products. Prerequisites: MFG-104


**MFG-107 INDUSTRIAL SAFETY & FIRST AID, 3 CREDITS**  
This course is designed to provide the student with a basic understanding of safety hazards and first aid in the workplace. Includes eye safety, grinding wheel hazards, electrical/chemical hazards, slips, falls and back injuries. Instruction in first aid, AED and CPR and OSHA 10.


**MFG-109 COMPUTER LITERACY FOR TECHNICIANS, 3 CREDITS**  
Presents the uses of computers in business and industry. Subjects covered include computer platforms, basic hardware, data communication and operating systems. Reviews and uses word processing, spreadsheet and database software for the PC.


**MFG-110 MANUFACTURING SPECIAL PROJECTS, 1-9V CREDITS**  
Allows students a great deal of latitude in project selection, design and production utilizing manual machine tools, CNC machine tools, CAD/CAM and electrical discharge machines. A solid understanding of all basic machine tools is expected. Variable Credit: 1-9 credits. May be repeated for up to 9 credits. Required: Student Petition.


**MFG-110 MANUFACTURING SPECIAL PROJECTS, 3 CREDITS**  
Allows students a great deal of latitude in project selection, design and production utilizing manual machine tools, CNC machine tools, CAD/CAM and electrical discharge machines. A solid understanding of all basic machine tools is expected. Variable Credit: 1-9 credits. May be repeated for up to 9 credits. Required: Student Petition.

| MFG-110-02 | 294657 | MTW | 8-1:20PM | C. LETTENMAIER/G. LUDLAM | $618 $48 $276 $942 | Meets: 6/24-8/15. Contact: charles.lettenmaier@clackamas.edu or 503-594-3535. |

**MFG-111 MACHINE TOOL FUNDAMENTALS I, 1 CREDITS**  
This course is an introduction to machine tool operations, precision measurement and engineering drawings. It also covers machine tool operations including drill presses, lathes and milling machines. The course includes internal and external threading. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Recommended: MFG-104, MFG-107, and MTH-050


**MFG-111 MACHINE TOOL FUNDAMENTALS I, 6 CREDITS**  
This course is an introduction to machine tool operation, precision measurement and engineering drawings. It also covers machine tool operations including drill presses, lathes and milling machines. The course includes internal and external threading. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Recommended: MFG-104, MFG-107, and MTH-050

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**Course Listing**

This course is an introduction to machine tool operation, precision measurement and engineering drawings. It also covers machine tool operations including drill presses, lathes and milling machines. The course includes internal and external threading. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Recommended: MFG-104, MFG-107, and MTH-050.

MFG-112 MACHINE TOOL FUNDAMENTALS II, 3 CREDITS
This course is a continuation of machine tool operations. Covers set-up and operation of the vertical milling machine and boring techniques on the lathe. Includes surface grinding and selection of abrasive grinding wheels. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-111.

MFG-112 MACHINE TOOL FUNDAMENTALS II, 6 CREDITS
This course is a continuation of machine tool operations. Covers set-up and operation of the vertical milling machine and boring techniques on the lathe. Includes surface grinding and selection of abrasive grinding wheels. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-111.

MFG-113 MACHINE TOOL FUNDAMENTALS III, 3 CREDITS
Topics include offset boring heads, rotary tables, indexing devices, and taper attachments. Also covers applied technical math, inspection techniques, optical comparators, coordinate measuring machines, and cylindrical grinding. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-113. Recommended: MFG-111 and MFG-112.

MFG-113 MACHINE TOOL FUNDAMENTALS III, 6 CREDITS
Topics include offset boring heads, rotary tables, indexing devices, and taper attachments. Also covers applied technical math, inspection techniques, optical comparators, coordinate measuring machines, and cylindrical grinding. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-113. Recommended: MFG-111 and MFG-112.

MFG-113 MACHINE TOOL FUNDAMENTALS III, 9 CREDITS
Topics include offset boring heads, rotary tables, indexing devices, and taper attachments. Also covers applied technical math, inspection techniques, optical comparators, coordinate measuring machines, and cylindrical grinding. Variable Credit: 3-9 credits. May be repeated for up to 9 credits. Prerequisites: 6 credits of MFG-113. Recommended: MFG-111 and MFG-112.

MFG-202-01 CNC II: PROGRAMMING & OPERATION, 4 CREDITS
This course emphasizes the writing of G & M machine codes. Students will learn advanced programming and operations of CNC milling centers and basic programming, set-up, and operation of CNC turning centers. Prerequisites: MFG-201.

MFG-202-01 COMPUTER-AIDED MANUFACTURING II, 4 CREDITS
This course focuses on hands-on CNC and manufacturing activities, including Mastercam solids, lathe, and multi-axis. Additional topics will include reverse engineering and post-processing. Class time will be devoted to demonstrations, and in-class projects. Prerequisites: MFG-204.

MFG-211 MACHINE TOOL FUNDAMENTALS IV, 3 CREDITS
Concentrates on CNC setup and operation and on surface grinding. Students will develop and apply their machining skills while creating products in a team environment. Additional topics may include fixture design and cutting mechanics. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Prerequisites: 6 credits of MFG-113. Recommended: MFG-104, MFG-105 and MFG-113.

MFG-211 MACHINE TOOL FUNDAMENTALS IV, 6 CREDITS
Concentrates on CNC setup and operation and on surface grinding. Students will develop and apply their machining skills while creating products in a team environment. Additional topics may include fixture design and cutting mechanics. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Prerequisites: 6 credits of MFG-113. Recommended: MFG-104, MFG-105 and MFG-113.

MFG-280-01 MANUFACTURING TECHNOLOGY/CWE, 1-6V CREDITS
Cooperative work experience. Practical experience in the manufacturing trades. Coordination of instruction will occur with industry and the manufacturing and cooperative work departments. Variable Credit: 1-6 credits. May be repeated for up to 6 credits. Required: Student Petition. Corequisites: CWE-281.
## Course Listing

### Mathematics

**MTH-010** FUNDAMENTALS OF ARITHMETIC, 4 CREDITS
Reviews operations on whole numbers, elementary fraction concepts, operations on decimals, and measurement.

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<th>Crs.Reg.</th>
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<th>Time</th>
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**MTH-020** FUNDAMENTALS OF ARITHMETIC II, 4 CREDITS
Topics include factors and multiples, operations on fractions, percents, ratios and proportions, powers and square roots, introduction to graphs, signed numbers, and effective study skills. Prerequisites: MTH-010 with a C or better, or placement in MTH-020

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**MTH-050** TECHNICAL MATHEMATICS I, 4 CREDITS
Designed for career-technical students. Topics focus on critical thinking, problem solving, and mathematical communication using applications arithmetic, measurement, geometry, and statistics and probability. Prerequisites: MTH-020 with a C or better, or placement in MTH-050 or higher

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<td>Hybrid. Meets: Tuesday (6/24-8/15) plus online hours. Orientation: online.clackamas.edu Contact: <a href="mailto:morganr@clackamas.edu">morganr@clackamas.edu</a> or 503-594-6592. At Wilsonville Campus.</td>
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**MTH-060** ALGEBRA I, 4 CREDITS
Designed for review or for the beginner, this course is an introduction to topics in Algebra. Expressions, equations, inequalities, graphing, and functions are explored. Prerequisites: MTH-020 with a C or better, or placement in MTH-060

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**MTH-065** ALGEBRA II, 4 CREDITS
A second term of topics in algebra. This course continues the exploration of expressions, equations, and inequalities numerically, symbolically, graphically, and verbally. Prerequisites: MTH-060 with a C or better, or placement in MTH-065

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**MTH-095** ALGEBRA III, 4 CREDITS
The third term of topics in algebra using the rule-of-four approach is designed to prepare students for transfer-level math courses. This course emphasizes problem-solving and graphical techniques with the use of a graphing utility. Prerequisites: MTH-065 with a C or better, or placement in MTH-095

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**MTH-098** COLLEGE MATH FOUNDATIONS, 4 CREDITS
In our society, we see and hear about important topics and trends that involve numbers. In this class, participants work to understand what these numbers mean. Students will use percentages to make comparisons, interpret and construct graphs to describe phenomena, compare ways of describing quantities through unit conversions, explore the ways we use the idea of “average,” and use rates and ratios to describe how things grow and change. Learning happens in small student groups, using technology, and through writing. The class is project-based, meaning that students complete projects to demonstrate what they’ve learned. Prerequisites: MTH-020 with a C or better, or placement in MTH-050, MTH-060, or MTH-098

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<tr>
<td>MTH-098-01</td>
<td>294554</td>
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<td>M. JOSI</td>
<td>$412</td>
<td>$32</td>
<td>$20</td>
</tr>
</tbody>
</table>

**MTH-105** MATH IN SOCIETY, 4 CREDITS
A transfer-level math course for non-science majors, focused on critical thinking, problem solving, and mathematical communication, and accomplished through the topics of Logical Reasoning and Problem Solving, Probability and Statistics, and Financial Math. Prerequisites: MTH-095 or MTH-098 with a C or better, or placement in MTH-111 Recommended: WRD-098 or placement in WRD-121

<table>
<thead>
<tr>
<th>Location Code</th>
<th>Course No.</th>
<th>Section No.</th>
<th>Crs.Reg.</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Tuition Fee</th>
<th>Crs. Fee</th>
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</table>

Harmony or Wilsonville campus, other off campus location

WEB Online course - see page 14.

HYB Classroom/online course - see page 15.

LCT Low-Cost Text - see page 99.

TBA To be arranged: contact department first class

V Variable credit class: total cost reflects maximum

NEW New class

ESPÁÑOL Taught in Spanish

Location code abbreviations: See Campus Map, page 92.
<table>
<thead>
<tr>
<th>Course No.</th>
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<th>Section No.</th>
<th>Instructor</th>
<th>Tuition Fee</th>
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<td>$60</td>
<td>$615</td>
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<tr>
<td></td>
<td>WEB</td>
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<td></td>
<td>Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:kurt@clackamas.edu">kurt@clackamas.edu</a> or 503-594-3329.</td>
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<tr>
<td>HYB LCT</td>
<td>MTH-111-15 294561</td>
<td>TTH</td>
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<td>$515</td>
<td>$40</td>
</tr>
<tr>
<td></td>
<td>Hybrid. Meets: 6/24-8/15 plus online hours. Contact: <a href="mailto:mnickas@clackamas.edu">mnickas@clackamas.edu</a></td>
<td>Contact: <a href="mailto:mnickas@clackamas.edu">mnickas@clackamas.edu</a> or 503-594-3630.</td>
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<tr>
<td>HYB LCT</td>
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<td>$40</td>
</tr>
<tr>
<td></td>
<td>Hybrid. Meets every Tuesday and Thursday (6/24-8/15) plus online hours. Contact: <a href="mailto:kurt@clackamas.edu">kurt@clackamas.edu</a> or 503-594-3329.</td>
<td>Contact: <a href="mailto:kurt@clackamas.edu">kurt@clackamas.edu</a> or 503-594-3329.</td>
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<td>M. PRICE</td>
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<td>$40</td>
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<tr>
<td></td>
<td>Hybrid. Meets every Monday and Wednesday (6/24-8/15) plus online hours. Contact: <a href="mailto:michaelp@clackamas.edu">michaelp@clackamas.edu</a> or 503-594-6461. At Harmony Community Campus.</td>
<td>Contact: <a href="mailto:michaelp@clackamas.edu">michaelp@clackamas.edu</a> or 503-594-6461. At Harmony Community Campus.</td>
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<td></td>
<td>Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu</td>
<td>Contact: <a href="mailto:mnickas@clackamas.edu">mnickas@clackamas.edu</a> or 503-594-3630.</td>
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## Mathematics, continued

**MTH-256 DIFFERENTIAL EQUATIONS, 4 CREDITS**

This course is an introduction to the study of first-order differential equations, first-order systems of differential equations, linear systems of differential equations, and applications of these topics. Prerequisites: MTH-252 with a C or better.

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Course Reg.</th>
<th>Instructor</th>
<th>Day</th>
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**MTH-261 LINEAR ALGEBRA, 4 CREDITS**

This course is an introduction to linear analysis of n-space: systems of linear equations, vectors, matrices, matrix operations, linear transformations, linear independence, span, bases, subspaces, determinants, eigenvalues, eigenvectors, inner products, diagonalization, and applications of these topics. Prerequisites: MTH-252 with a C or better.

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Course Reg.</th>
<th>Instructor</th>
<th>Day</th>
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## Medical Assistant

The CCC Medical Assistant program is a three-term program of 49 credits which prepares graduates for entry level practice into the ambulatory care setting.

**MA-110 MEDICAL TERMINOLOGY, 4 CREDITS**

This course provides the foundational principles required for understanding medical terms used to communicate effectively within the healthcare field. This includes word meaning and discerning the difference between look-alike and sound-alike words through correct spelling and pronunciation. Students will develop the ability to read and comprehend the content of medical records and reports. Through the review of body systems this course includes introductions to disease processes, basic anatomy and physiology and associated terminology. This course is required prerequisite for Medical Assistant and Clinical Laboratory Assistant students.

<table>
<thead>
<tr>
<th>Section No.</th>
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<th>Instructor</th>
<th>Day</th>
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<td>C. GARNER</td>
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</table>

Online. Contact: cindy.garnedr@clackamas.edu or 503-594-0672. Please meet with the instructor for a brief course orientation on the Harmony Campus, Tuesday, June 4th, any time between 1 and 6 pm. If unable to make the orientation, please contact the instructor at cindy.garnedr@clackamas.edu.

## Music

**MUS-090 PREPARATION FOR MUSIC THEORY, 2 CREDITS**

This course familiarizes students with terminology and building blocks used in Music Theory. Students who have played in ensembles or sang in choirs, but have not had a formal music theory program before, will find that this course prepares them to succeed in the Music Theory sequence (MUS-111-113).

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Course Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition</th>
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<td>LCT MUS-090-01</td>
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<td>Y. MIYAMA</td>
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Meets: 8/19-8/29.

**MUS-107 INTRODUCTION TO AUDIO RECORDING I, 3 CREDITS**

Introduction to the basic techniques and tools used in audio recording. Areas of study include signal path, microphone applications, software, hardware, outboard gear, tracking, mixing, and editing.

<table>
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<th>Section No.</th>
<th>Course Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition</th>
<th>Fee</th>
<th>Total</th>
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</thead>
</table>


**MUS-206 MUSIC LITERATURE: HISTORY OF ROCK, 4 CREDITS**

For non-majors and music majors. Emphasis on engaging in the study of Rock music and surrounding cultural/historical issues. Includes critical analysis, study of elements, forms, styles, composers, performers, cultural, and historical issues and events. An examination of Rock music as a contemporary social medium. Recommended: WRD-098 or placement in WR-121.

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Course Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
<th>Tuition</th>
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Required: Attendance at three concert field trips TBA. At Harmony Community Campus.

**MUS-280 MUSIC/CWE, 2-6V CREDITS**

Cooperative work experience. Provides students with on-the-job work experience in the field of music. Variable Credit: 2-6 credits. Required: Student Petition. Prerequisites: MUS-107, MUS-140, and MUS-142 Corequisites: CWE-281.

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Course Reg.</th>
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Required: Student Petition.

**XMUP-0001 UNISTUS CHOIR, 0 CREDIT**

Select vocal ensemble which rehearses and performs choral music from the Renaissance to the 20th century, including the music of Estonia. Provides preparation for entering professional fields of music and performance. Emphasis on a cappella singing applied to appropriate chamber music. Provides an environment whereby individual students, selected according to their talents and attitudes, may assist the group at large in achieving its full potential which is that of excellence in choral expression. The achievement of this potential is our goal. By audition.

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Course Reg.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
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Music: Individual Lessons

College level private lessons required for music majors and available to qualified non-majors. End-of-term juried performance mandatory. Students will pay a $299 private instruction fee at the time of registration when noted in the course fee column which is nonrefundable. This fee may not cover the entire cost of private lessons. MUP-100 and MUP-171-191 must fill out schedule card in the Music office (N128) before registering.

MUP-100 INDIVIDUAL LESSONS: NON-MUSIC MAJORS, 1 CREDIT
LCT
MUP-100-01 294082
L. DENBESTE $103 $8 $299 $410
Required: Student Petition. Voice Lessons.

LCT
MUP-100-02 294083
Y. MIYAMA $103 $8 $299 $410
Required: Student Petition. Piano Lessons.

LCT
MUP-100-03 294084 K. HOLLINGSWORTH $103 $8 $299 $410
Required: Student Petition. Voice Lessons.

LCT
MUP-100-04 294085
J. STEELE $103 $8 $299 $410
Required: Student Petition. Tuba Lessons.

LCT
MUP-100-05 294086 E. SNOYER $103 $8 $299 $410
Required: Student Petition. Guitar Lessons.

LCT
MUP-100-06 294087 R. BALDINO $103 $8 $299 $410
Required: Student Petition. Violin Lessons.

LCT
MUP-100-07 294088 T. WAKELING $103 $8 $299 $410

LCT
MUP-100-08 294089 C. DOGGET $103 $8 $299 $410
Required: Student Petition. Percussion & Drum Set Lessons.

LCT
MUP-100-09 294090
C. GIBERSON $103 $8 $299 $410
Required: Student Petition. Jazz Piano Lessons.

LCT
MUP-100-10 294091 G. HARRIS $103 $8 $299 $410
Required: Student Petition. Saxophone Lessons.

LCT
MUP-100-11 294092 R. RUTHERFORD $103 $8 $299 $410
Required: Student Petition. Trumpet Lessons.

LCT
MUP-100-12 294093 C. AVERILL $103 $8 $299 $410
Required: Student Petition. Cello Lessons.

LCT
MUP-100-13 294094
K. DEITZ $103 $8 $299 $410

LCT
MUP-100-14 294095 J. ISRAELS $103 $8 $299 $410
Required: Student Petition. Jazz Voice Lessons.

LCT
MUP-100-15 299099 M. FLESCHNER $103 $8 $299 $410

LCT
MUP-100-16 299100 D. TUTMARK $103 $8 $299 $410
Required: Student Petition. Classical Guitar Lessons.

MUP-171 INDIVIDUAL LESSONS: PIANO, 2 CREDITS
LCT
MUP-171-01 294096
Y. MIYAMA $206 $16 $299 $521
Required: Student Petition.

MUP-171J INDIVIDUAL LESSONS: JAZZ PIANO, 2 CREDITS
LCT
MUP-171J-01 294097
C. GIBERSON $206 $16 $299 $521
Required: Student Petition.

MUP-171R INDIVIDUAL LESSONS: ROCK, BLUES, POP PIANO, 2 CREDITS
LCT
MUP-171R-01 299101
M. FLESCHNER $206 $16 $299 $521
Required: Student Petition.

MUP-174 INDIVIDUAL LESSONS: VOICE, 2 CREDITS
LCT
MUP-174-01 294098
L. DENBESTE $206 $16 $299 $521
Required: Student Petition.

MUP-174J INDIVIDUAL LESSONS: JAZZ VOICE, 2 CREDITS
LCT
MUP-174J-01 294099
J. ISRAELS $206 $16 $299 $521
Required: Student Petition.

MUP-175 INDIVIDUAL LESSONS: VIOLIN, 2 CREDITS
LCT
MUP-175-01 294100
R. BALDINO $206 $16 $299 $521
Required: Student Petition.

MUP-176 INDIVIDUAL LESSONS: VIOLA, 2 CREDITS
LCT
MUP-176-01 294101
H. OSEAS $206 $16 $299 $521
Required: Student Petition.

MUP-177 INDIVIDUAL LESSONS: CELLO, 2 CREDITS
LCT
MUP-177-01 294102
C. AVERILL $206 $16 $299 $521
Required: Student Petition.

MUP-178 INDIVIDUAL LESSONS: BASS, 2 CREDITS
LCT
MUP-178-01 294103
K. DEITZ $206 $16 $299 $521
Required: Student Petition.

MUP-178J INDIVIDUAL LESSONS: JAZZ BASS, 2 CREDITS
LCT
MUP-178J-01 294104
K. DEITZ $206 $16 $299 $521
Required: Student Petition.

MUP-179 INDIVIDUAL LESSONS: HARP, 2 CREDITS
LCT
MUP-179-01 294105
STAFF $206 $16 $299 $521
Required: Student Petition.

MUP-180 INDIVIDUAL LESSONS: GUITAR, 2 CREDITS
LCT
MUP-180-01 294106
D. TUTMARK $206 $16 $299 $521
Required: Student Petition.

MUP-180J INDIVIDUAL LESSONS: JAZZ GUITAR, 2 CREDITS
LCT
MUP-180J-01 294107
C. WOITACH $206 $16 $299 $521
Required: Student Petition.

MUP-180R INDIVIDUAL LESSONS: ROCK, BLUES, POP GUITAR, 2 CREDITS
LCT
MUP-180R-01 294108
E. SNOYER $206 $16 $299 $521
Required: Student Petition.

MUP-181 INDIVIDUAL LESSONS: FLUTE, 2 CREDITS
LCT
MUP-181-01 294109
L. MURPHY $206 $16 $299 $521
Required: Student Petition.
Music: Individual Lessons, continued

<table>
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<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
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WEB Online course - see page 14.
HYB Classroom/online course - see page 15.
TBA To be arranged: contact department first class
NEW New class
ESPÁÑOL Taught in Spanish
Location code abbreviations: See Campus Map, page 92.
**Course Listing**

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**Nursing**

The Nursing program at Clackamas Community College is a full partner in the Oregon Consortium for Nursing Education (OCNE). The curriculum in OCNE nursing programs is a competency-based curriculum developed in collaboration with Oregon Health & Science University (OHSU) and other community colleges around the state. This curriculum, which has been approved by the Oregon State Board of Education as well as the Oregon State Board of Nursing, can ultimately culminate in a Baccalaureate of Science Degree with a focus in Nursing on the community college campus offered by OHSU.

Admission into the nursing program is by special application only. Acceptance to the nursing program allows for co-enrollment to Clackamas Community College and Oregon Health & Science University, School of Nursing.

The Nursing Assistant course, while not required to enter the Nursing program, provides a strong foundation regarding the delivery of care to clients in various settings.

**NUR-100 NURSING ASSISTANT I, 7 CREDITS**

Prepares the student to perform routine nursing assistant tasks to clients in sub-acute care settings as well as in the community. Includes 80 hours of didactic and skills lab instruction. May not be challenged. Required: Student Petition. Corequisites: NUR-100C

- **NUR-100-01 294171**
  - M 8-12:20PM
  - M 1:30-3:20PM
  - T 8-10:20AM
  - T 10:30-2:20PM
  - W 8-1:50PM
  - K. VANDE KAMP $721 $56 $290 $1067

  Meets: 6/24-7/25. Corequisite: One NUR-100C clinical. Attend mandatory orientation meeting on Thursday, May 30 at 4pm, room 210, to receive information on how to register. At Harmony Community Campus.

**NUR-100C NURSING ASSISTANT I CLINICAL, 0 CREDIT**

Prepares the student to perform routine nursing assistant tasks to clients in hospitals, long-term and skilled care facilities, as well as the community. Includes 82 hours of clinical practice. May not be challenged. Required: Student Petition. Corequisites: NUR-100

- **NUR-100C-01 294173**
  - TBA TBA
  - K. VANDE KAMP/D. ANDERSON $0 $0 $0 $0

  Required: Student Petition. Meets: 7/29-9/7. Mandatory 3 hours orientation at clinical site/TBA. Additional 3 hours during finals week for skills testing/TBA. At Harmony Community Campus.

- **NUR-100C-02 294175**
  - TBA TBA
  - K. VANDE KAMP/D. ANDERSON $0 $0 $0 $0

  Required: Student Petition. Meets 7/29-9/7. Mandatory 3 hours orientation at clinical site/TBA. Additional 3 hours during finals week for skills testing/TBA. At Harmony Community Campus.
Philosophy

PHL-101 PHILosophical problems, 4 CredItS
Introduces basic philosophical questions such as: What is reality? What is knowledge? What is truth? Can humans freely choose? What is human awareness? What is a meaningful life? Recommended: WRD-098 or placement in WR-121.

WEB LCT PHL-101-01 294597
K. SEVERSON $412 $32 $40 $484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu
Contact: kjsrsten@clackamas.edu or 503-594-3842.

PHL-102 ETHICS, 4 CREDITS
Introduces the study of morality with concepts of good, harm, habits, character, perception, behavior and action. Also considers the different theories of human capacity for responsibility. Recommended: WRD-098 or placement in WR-121.

LCT PHL-102-01 294599
M. BAILEY $412 $32 $0 $444

PHL-103 CRITICAL REASONING, 4 CREDITS
Helps students identify and understand the process by which they themselves and others arrive at conclusions; improves their critical reasoning skills; introduces basic logical concepts of argument; and gives opportunity for students to apply course skills to relevant matters. Recommended: WRD-098 or placement in WR-121.

LCT PHL-103-01 294601
M. BAILEY $412 $32 $0 $444

Physical Education

PE 185 PHYSICAL ACTIVITY CLASSES, 1 CREDIT
Activities may include badminton, basketball, bootcamps, conditioning, aerobic dance (both regular and step), cycling, modern dance, ballet, tap and jazz dance, kick boxing, self-defense, tai chi, soccer, golf jogging, karate, mountaineering, horseback riding, racquetball, exercise and relaxation, tennis, skiing (downhill and cross country), softball, swimming, volleyball, various weight trainings, yoga, and zumba. Current physical examination before enrolling in a physical education course is recommended. Some PE 185 classes require an additional fee for facility use which is PAID ON SITE, for example: bowling, racquetball, exercise and relaxation, tennis, skiing (downhill and cross country), softball, swimming, volleyball, various weight trainings, yoga, and zumba. Current physical examination before enrolling in a physical education course is recommended.

AIKIDO I, 1 CREDIT

PE-185-008 294703
E. HANCOCK $103 $8 $0 $111
Meets Weeks of: 6/24-8/15. $80 fee payable to Aikido Northwest. At Milwaukee.

CORE-FIT III, 1 CREDIT

PE-185-004 294692
R. RAINES $103 $8 $0 $111

PE-185-005 294693
R. RAINES $103 $8 $0 $111
Meets Weeks of: 6/24-8/15. $119 fee payable to Club Fit. At Canby.
Political Science

PSY-200 INTRODUCTION TO POLITICAL SCIENCE, 4 CREDITS
A general introduction to political science. Introduces and expands on basic political concepts and themes, explores political theory and ideology, and considers the dynamics of political institutions and government and how both are integrated into political life. Recommended: WRD-098 or placement in WRD-098
WEB PS-200-01 294603
J. HITE $412 $32 $40 $484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: jhte@clackamas.edu or 503-594-6121.

PSY-201 AMERICAN GOVERNMENT AND POLITICS, 4 CREDITS
Examines the founding principles of the American government, as well as the Constitution, the separation of powers, and the three branches of government, political parties and elections, and the role of interest groups and the media in the political process. In addition, assesses the growing power of the executive branch, the expansion and reach of the federal bureaucracy, governmental policies, and the civil liberties and civil rights of American citizens. Recommended: WRD-090 or placement in WRD-098
WEB PS-201-01 294605
J. HITE $412 $32 $40 $484
Online. Meets: 6/24-8/15. Orientation: online.clackamas.edu Contact: jhte@clackamas.edu or 503-594-6121.

Psychology

PSY-101 HUMAN RELATIONS, 3 CREDITS
Introduction to interpersonal relationships and human relations in a social context. Includes individual and group activities, lecture, and discussions with an emphasis on student participation. Recommended: WRD-090 or placement in WRD-098
LCT PSY-101-01 299113 TTH 9-10:50AM
J. VELEZ $309 $24 $40 $373
LCT PSY-101-02 294606 MW 12-1:50PM
I. MANGANELLI-FRANCONI $309 $24 $40 $373
✔ LCT PSY-101-30 294608 TTH 6-7:50PM
M. MALLAT $309 $24 $40 $373
At Harmony Community Campus.

PSY-200 PSYCHOLOGY AS A NATURAL SCIENCE, 4 CREDITS
Introduction to physiological psychology, the study of how the nervous system produces behavior and cognition. Further topics will include consciousness, sleep, memory, and language. Recommended: WRD-090 or placement in WRD-098
PSY-200-01 294610 TTH 9-11:45AM
S. KISER $412 $32 $0 $444

PSY-215 INTRODUCTION TO DEVELOPMENTAL PSYCHOLOGY, 4 CREDITS
Research and theories regarding the development of the individual from conception to death, including physical, social and cognitive changes. Prerequisite or Corequisite: WRD-098 or placement in WRD-098
PSY-215-01 294613 MW 9-11:45AM
J. BENNETT $412 $32 $0 $444
✔ PSY-215-30 294615 MW 6-8:45PM
J. VELEZ $412 $32 $0 $444

Religious Studies

R-101 COMPARATIVE RELIGIONS, 4 CREDITS
The nature of myth and story, ancient religions, ideas of God, Judaism, and introduction to religious topics. Recommended: WRD-090 or placement in WRD-098
R-101-01 294616 TTH 9-11:45AM
J. SCHETL $412 $32 $0 $444
R-210 WORLD RELIGIONS, 4 CREDITS
An overview course that examines Eastern/Western religions and philosophies through film, text, and/or online presentations. Introduces Hinduism, Buddhism, Chinese religions, Christianity, Judaism, and Islam. Recommended: WRD-090 or placement in WRD-098
✔ R-210-30 294618 MW 9-11:45AM
J. SCHETL $412 $32 $0 $444

Renewable Energy Technology

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3318 for more information, or contact the Student Success Center, 503-594-3475.

RET-280 RENEWABLE ENERGY/CWE, 1-12V CREDITS
Cooperative work experience. Major emphasis on work-based learning experience in the renewable energy field. Coordination of instruction and evaluation of student job performance will be provided by college faculty in conjunction with the student's employer/supervisor. Variable Credit: 1-12 credits. Required: Student Petition. Corequisites: CWE-281
RET-280-01 294706
A. FOUHY $1236 $96 $75 $1407V
Corequisite: CWE-281-06. Contact Abe Fouhy at abef@clackamas.edu or 503-594-3659.

Science: Arts & Science

See Arts & Science.

Science: Biology

See Biology.

Science: Chemistry

See Chemistry.

Science: Environmental

See Environmental Science.

Science: General Science

See General Science.

Science: Geology

See Geology.

Science: Physics

See Physics.
### Course Listing

**Science: Zoology**

See Zoology.

**Search and Rescue**

**Small Business Classes/Workshops**

See “Business Development Center.”

### Sociology

**SOC-204 INTRODUCTION TO SOCIOLOGY, 4 CREDITS**

This course offers an introduction to the field of sociology. Sociology is the scientific study of human behavior in society. In this course we will introduce and discuss issues including the sociological imagination, culture, socialization, deviance, authority, religion, science and methods of sociological research. Various sociological theories will be introduced and utilized to explore and enhance our understanding of these issues. Recommended: WRD-098 or placement in WR-121.

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**WEB LCT SOC-204-01 294620**

C. SUMMERS-NOMURA

Online. Meets: 6/24-8/15. Online textbook included in the section fees. Orientation: online.clackamas.edu Contact: carries@clackamas.edu or 503-594-3866.

**SOC-206 INSTITUTIONS & SOCIAL CHANGE, 4 CREDITS**

This course explores how people can change their society. Social change is a process that can be used by people in a society, to change and improve the functioning of their society. This course will explore and discuss how people-led social movements, in the past and in the present, can be developed, organized, and implemented to accomplish social change. Recommended: WRD-098 or placement in WR-121.

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**SOC-225 SOCIAL PROBLEMS, 4 CREDITS**

Applies the sociological framework to the study of social problems, their identification, analysis of causes and possible solutions. Problems explored may include mental disorders, drug and alcohol addiction, crime and delinquency, group discrimination, inequality, poverty, alienation, domestic and international violence, environment, and energy. Recommended: WRD-098 or placement in WR-121.

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### Speech

**See Communication Studies.**

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<td><strong>NEW New class</strong></td>
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<td><strong>Location code abbreviations: See Campus Map, page 92.</strong></td>
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For information about Clackamas Community College, call 503-594-6000.

**Theatre Arts**

**TA-111 FUNDAMENTALS OF TECHNICAL THEATRE, 4 CREDITS**

First class of a three part series. Basic study and practice in the collaborative techniques of mounting various types of productions for presentation. Includes basic principles and techniques in stage design, construction, and lighting. Flexible laboratory sessions available. Students must attend a performance as well as participate in the focus and strike (10 total hours) of a production. Students are required to maintain an independent journal/study (12 total hours) of outside class activity and/or observations of Technical Theatre applications.

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<th>Time</th>
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**TA-211 TECHNICAL THEATRE STUDY, 4 CREDITS**

Comprehensive study and practice in presentational graphics, scene design, lighting design, and properties. The full creative process of staging a production will be explored through artistic research and design projects. Includes hands-on participation in CCC’s main stage productions. Prerequisites: TA-111, TA-112, and TA-113 Recommended: WRD-098 or placement in WR-121.

<table>
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<th>Time</th>
<th>Tuition Fee</th>
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**Transportation & Logistics**

Through a first-ever public/private partnership with IITR (International Institute of Transportation Resource), CCC is offering a series of Transportation and Logistics courses which include Commercial Driver’s Licensing (CDL) training, practical applications, customer service skills, and cooperative work experience.

TTL-101 and TTL-121 will be taken in combination, and are available in daytime, evening and weekend formats. The combined class fee is to be PAID ON SITE to IITR. For more information on IITR and this training program, contact Amanda Watson at 503-657-8225, or inquire at http://www.iitr.net/information.html.

**TTL-101 INTRODUCTION TO PROFESSIONAL TRUCK DRIVING & LOGISTICS, 4 CREDITS**

Introduction to logistics and commercial vehicle operation, covering control systems, coupling procedures, cargo handling and pre-trip inspections. Covers regulations and requirements for CDL, speed management, road conditions, and accident scene management. Variable Credit: 1-8 credits.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Day</th>
<th>Time</th>
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Meets Weeks of: 6/24-8/15. Required: Student Petition. To register, contact Amanda Watson at 503-657-8225. A $5,222 fee is payable to IITR; this includes the cost of the corequisite class TTL-121-01. At Clackamas.

**TTL-121 PRACTICAL APPLICATIONS IN PROFESSIONAL TRUCK DRIVING & LOGISTICS, 6 CREDITS**

Demonstration of skill development related to safe commercial vehicle operation. In-depth coverage of logistics, business processes and communication skills development. Covers delivery basics, including backing, visual search, shifting, turning, space and speed management. Variable Credit: 1-8 credits.

<table>
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<th>Section No.</th>
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### Unmanned Systems Program (USP-Drones)

Call Jeff Ennenga at 503-594-3539 for more information.

### Water & Environmental Technology

#### WET-108 CROSS-CONNECTION CONTROL PROGRAM SPECIALIST, 3 CREDITS

Specialized training for those who want to be involved in administering cross-connection control programs. Elements of a cross-connection control program, basic hydraulics, state specific regulations, identifying possible cross-connections and site surveys in order to determine proper type of backflow protection, if needed.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Day</th>
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#### WET-109 BACKFLOW ASSEMBLY OPERATION AND TESTING, 4 CREDITS

Lecture course with lab component that focuses on backflow assembly hydraulics, operations, installation, and testing.

<table>
<thead>
<tr>
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<th>Course title/credit</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Day</th>
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#### WET-180 WATER & ENVIRONMENTAL PROJECTS I, 5 CREDITS

Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Variable Credit: 1-5 credits. Corequisites: CWE-281

<table>
<thead>
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#### WET-280 WATER & ENVIRONMENTAL PROJECTS II, 5 CREDITS

Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations. Practical experience in a municipal, public or private wastewater treatment facility of specific activated sludge design. Process loading criteria, data acquisition and trend charting, and relevant sanitary process strategies will be addressed. Prerequisite or Corequisite: CWE-281

<table>
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#### WET-280-02 4-DAY CROSS CONNECTION SPECIALIST COURSE, 3.2 CEU

Designed to provide information to individuals involved in the protection of public water systems from contamination due to cross connections. This course should be of special interest to cross connection control specialists, plumbing inspectors, waterworks managers, and backflow device testers.

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### Welding Technology

#### WLD-102 INTRODUCTION TO WELDING, 2 CREDITS

Designed for the beginner and experimental welder. Includes: oxy-acetylene, stick, wire feed and TIG welding, oxy-acetylene and plasma arc cutting.

<table>
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#### WLD-110 WELDER CERTIFICATION, 4 CREDITS

This course provides theory and practical instruction to become a certified welder. Students will choose a welding process (flux core arc welding, shielded metal arc welding, or gas tungsten arc welding) for certification. Material needed for practice welding will be provided. Students will take a welding certification exam at the end of the class. May be repeated for up to 12 credits.

<table>
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### Course Listing

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<td>WLD-113A</td>
<td>GAS METAL ARC WELDING/FLUX CORE ARC WELDING (RIFFED), 4 CREDITS</td>
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<td>WLD-150</td>
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<td>WELDER’S PRINT READING II, 3 CREDITS</td>
<td>D. BATES</td>
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Welding Technology, continued

**WLD-113** GAS METAL ARC WELDING/FLUX CORE ARC WELDING (RIFFED), 8 CREDITS

Provides students with the opportunity to acquire knowledge and skills to set up and operate equipment to perform fillet and groove welds in all positions with the Gas Metal Arc and Flux Core Arc Welding processes. Oxy-fuel cutting, air carbon arc cutting and gouging will be covered. Welding codes, standards and specifications will be reviewed. Variable Credit: 1-8 credits.

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<th>Section No.</th>
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**WLD-113A** GAS METAL ARC WELDING/FLUX CORE ARC WELDING (RIFFED), 4 CREDITS

The first half of WLD-113 which provides the opportunity to acquire knowledge and skills to perform fillet and groove welds in flat and horizontal positions with the Gas Metal Arc and Flux Core Arc Welding processes. Oxy-fuel cutting, air carbon arc cutting and gouging will be covered.

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<th>Instructor</th>
<th>Tuition Fee</th>
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**WLD-113B** GAS METAL ARC WELDING/FLUX CORE ARC WELDING (RIFFED), 4 CREDITS

The second half of WLD-113 which provides the opportunity to acquire additional knowledge and skills needed to perform more advanced fillet and groove welds in vertical and overhead positions with the Gas Metal Arc and Flux Core Arc Welding processes. Welding codes, standards, and specifications will be reviewed. Prerequisites: WLD-113A

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<th>Tuition Fee</th>
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**WLD-150** WELDING PROCESSES, 4 CREDITS

Covers oxy-acetylene welding, brazing, cutting, stick welding, wire feed, oxy-fuel and plasma cutting. Includes: safety, electrical fundamentals, routine maintenance, minor repairs, and terms and definitions.

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**WLD-200** WELDER’S PRINT READING II, 3 CREDITS

Provides instruction in reading and interpretation of prints and symbols common in welding industry. Participants will learn interpretation and application of blueprint views. Includes basic layout techniques and math review. American Welding Society symbols, International Standards Organization symbols, pipe welding symbols, and inspection symbols are covered. Prerequisites: WLD-100

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**WLD-210** PIPE WELDING, 4 CREDITS

Provides beginning theory and practical instruction in the Shielded Metal Arc Welding (SMAW) process on steel plate and pipe. The specific projects include: stringer beads, fillet and groove welds on plate with root and cover proficiency, pipe cutting using the oxy-fuel process, and groove welds on pipes in all positions. Prerequisites: WLD-111, or WLD-111A and WLD-111B, and WLD-150 or prior experience in SMAW

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**WLD-215** ADVANCED GAS TUNGSTEN ARC WELDING, 4 CREDITS

This course provides the opportunity for students to acquire the knowledge and skills needed to perform quality fillet and groove welds in all positions using the Gas Tungsten Arc Welding (GTAW) process. Advanced welding theory and procedures will also be included. Prerequisites: WLD-115, or WLD-115A and WLD-115B

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**WLD-250** WELDING FABRICATION I BEGINNING PROJECT, 4 CREDITS

This course consists of lecture and lab and provides instruction in fabrication techniques including blueprint reading, layout, sketching, bills of material, job cost calculations, measuring, fitting, cutting and welding. Students will be assigned beginning fabrication projects. The student will be responsible for all aspects of managing the project to successful completion. Prerequisites: MFG-103 or MFG-111; and WLD-111, or WLD-115

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**WLD-251** WELDING FABRICATION II INTERMEDIATE PROJECT, 4 CREDITS

This course consists of lecture and lab. Students will use the skills learned in Fabrication I, such as blueprint reading, layout, sketching, bills of material, job cost calculations, measuring, fitting, cutting and welding, and apply them to more challenging projects. Students will be assigned intermediate fabrication projects. The student will be responsible for all aspects of managing the project to successful completion. Prerequisites: WLD-250

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**WLD-252** WELDING FABRICATION III ADVANCED PROJECT, 4 CREDITS

This course consists of lecture and lab. Students will use the skills learned in Fabrication I and II, such as blueprint reading, layout, sketching, bills of materials, job cost calculations, measuring, fitting, cutting and welding, and apply them to advanced projects. Students will be assigned advanced fabrication projects. The student will be responsible for all aspects of managing the project to successful completion. Prerequisites: WLD-251

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For information about Clackamas Community College, call 503-594-6000
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**Women’s Studies**

**WS-101 INTRODUCTION TO WOMEN’S STUDIES, 4 CREDITS**
Examines the history of the representation of women, the history of US feminism and the development of Women’s Studies as an academic discipline. Critically explores social issues relevant to women’s lives, including gender-expression, marginalization, reproduction, sexuality, economic status and the experience of violence. Recommended: WRD-098 or placement in WR-121.

**World Languages**

**ASL-102 AMERICAN SIGN LANGUAGE, 4 CREDITS**
Second term of a three-term introductory course. Emphasis will be on increasing communicative abilities. Course will focus on language functions such as making requests, describing others, and/or telling a short story. Grammar and vocabulary will also be emphasized throughout the course. Prerequisites: ASL-101 with a C or better.

**SPN-203**
Continued
World Languages, continued

**SRN-103 FIRST-YEAR SPANISH I, 4 CREDITS**  
Third of a three-term foundational, multimedia course for beginners. Initial emphasis is on speaking and listening comprehension, with secondary emphasis on reading and writing. Various cultural themes are presented. Prerequisites: SPN-102  
**Section No.** 294637  
**Instructor** J. BARNHILL  
**Day/Time** M/W/F 11AM-12:10PM  
**Fee** $412  
**Total** $454  

**WR-121 ENGLISH COMPOSITION, 4 CREDITS**  
Introduces the academic essay. Students learn to use a writing process, from brainstorming to polishing, as they develop original responses to challenging articles and academic essays. The class emphasizes information literacy: how to find and evaluate source material, as well as integrate and cite it. Prerequisites: WRD-098 or placement in WR-121

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<th>Section No.</th>
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**WR-122 ENGLISH COMPOSITION, 4 CREDITS**  
This class examines the major principles of argumentation and persuasion including analyzing and writing persuasive essays and visual texts in addition to finding, using, and documenting sources. Prerequisites: WR-121 with a C or better

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**WR-128 INTRODUCTION TO APA STYLE & DOCUMENTATION, 1 CREDIT**  
Introduces American Psychological Association (APA) style and documentation, including document format, in-text citation, and references page. Includes style and documentation for narrative and academic papers. Students will work with provided sources. Recommended for pre-nursing and nursing students, allied health students, and STEM and social science students. Prerequisites: WR-121 with a C or better

**WR-140 INTRODUCTION TO WRITING CREATIVELY, 4 CREDITS**  
Guides students through the discussion and practice of writing creatively in many genres and formats, primarily poetry, fiction, drama and creative non-fiction in a workshop format. May also include screenwriting, digital story telling, film, and performance genres. Recommended: WRD-098 or placement in WR-121
### WR-227 TECHNICAL REPORT WRITING, 4 CREDITS

Introduction to report and proposal writing, focusing on organization, form, and style. Emphasis on materials gathered from professional fields such as medicine, nursing, dentistry, government, criminal justice, business, engineering, technology, science, and public relations. The course prepares students to produce clear, informative, and persuasive documents. The purpose and target audience influence choices about how information is presented including writing style, document layout, vocabulary sentence and paragraph structure, and visuals. The course is grounded in rhetorical theory and focuses on producing usable, user-centered content that is clear, concise and ethical. Students will engage in current best practices and work individually and in groups to learn strategies for effective communication in the digital and networked, global workplace. Prerequisites: WR-121 with a C or better.

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**WEB LCT WR-227-02** 294668

J. MCALPINE


**WEB LCT WR-227-03** 294670

J. MCALPINE


### WRD-098 INTRODUCTORY READING & WRITING 2: COLLEGE PREPARATION, 4 CREDITS

This course builds on the basic reading and writing skills covered in WRD-090 and prepares students to be successful in WR-121, college-transfer-level composition. Students will read shorter college-level texts and create short essays responding to them. Topics include how to follow a writing process, perform basic research, work in a writing group, and reflect on one's own learning. Prerequisites: WRD-090 or placement in WRD-098.

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**LCT WRD-098-02** 299236

A. WARREN


**✔ LCT WRD-098-30** 299123

J. DAVIS

Meets: 6/24-8/15. At Harmony Community Campus.

**✔ LCT WRD-098-15** 294674

A. WICKERT

Meets: 6/24-8/15. At Wilsonville Campus.

### XWR-0001 CHRYSALIS WOMEN WRITERS, 0 CREDIT

This club is for CCC students and non-students to support the creation of, practice of, and critique of creative writing. An honest and supportive critique group, welcomes both new and established women writers. Newcomers are welcome to attend without reading their own work until they are comfortable doing so. This workshop is led by local author Patricia Lichen.

<table>
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Community Education Classes

Community Education

How to register:
Please register directly through the Community Education Partner hosting the class you would like to attend. A complete list of partners is available on the next page. Many partners accept online registrations on their websites. If you prefer to mail in your registration, use the form provided below and mail it directly to the partner. Please contact the partner if you have additional questions regarding your classes.

Multiple registrations
To register with more than one community school/senior center, or to register more than one individual per site/class, use separate photocopies of the registration form.

Refunds
Refund policies vary, contact the Community Education partner for details.

Community Education Registration Information
Community Education Class Locations
Clackamas Community College Community Education
Gladstone Community Education & Recreation
North Clackamas Parks & Recreation
Oregon City Community Education Program & Services
Oregon City Pioneer Community Center
Oregon City Swimming Pool
West Linn Parks & Recreation
Wilsonville Parks & Recreation

Return your registration form & payment to the Community Education Partner hosting the class. Contact information is on the next page.

COMMUNITY EDUCATION REGISTRATION FORM

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SIGNATURE (Parent, guardian or adult student)

Clackamas Community College does not discriminate on the basis of race, color, religion, gender, sexual orientation, marital status, age, national origin/ancestry, disability, family relationship or any other protected status in accordance with applicable law. The College's commitment to nondiscrimination applies to curriculum activity and all aspects of operation of the College.
Community Education Partners

Gladstone Community Education & Recreation
17789 Webster Road, Gladstone, OR 97027
Phone: 503-650-2570 FAX: 503-655-5201
- Registration begins immediately
- Online registration at www.gladstone.k12.or.us. Click on the box that says “Learning for Life Community Education” for registration links.
- Phone/fax/mail/walk-in registration with credit card
- Checks payable to: Gladstone Community School
- Confirmation on request only

North Clackamas Parks & Recreation
7300 SE Harmony Rd, Milwaukie, OR 97222
Phone: 503-794-8080 FAX: 503-794-8085
- Online registration at ncprd.com
- Phone/fax/mail registration with credit card
- Checks payable to: N. Clackamas Parks & Rec

Oregon City Community Education Program and Services
Eastham Community Center
1404 7th St., Oregon City, OR 97045
Phone: 503-785-8520 FAX: 503-657-2536
- Registration begins immediately
- Checks payable to: OCSD
- Online registration https://occe.cr3.rschooltoday.com/public/getcategory/program_id/2

Oregon City Swimming Pool
1211 Jackson Street, Oregon City, OR 97045
Phone: 503-657-8273
- Website: www.orcity.org
- Checks payable to Oregon City Pool.

Pioneer Community Center
(Oregon City Senior Center)
615 Fifth Street, Oregon City, OR 97045
Phone: 503-657-8287
- Checks payable to: Pioneer Community Center

West Linn Parks & Recreation
22500 Salamo Road, 1100, West Linn, OR 97068
Phone: 503-557-4700 FAX: 503-656-4106
- Register online at http://westlinnoregon.gov/parksrec
- Fax or mail registrations with check or charge card
- Telephone registrations can be done with charge card once your account is set up online
- Checks made payable to City of West Linn

Wilsonville Parks & Recreation
7965 SW Wilsonville Rd, Wilsonville, OR 97070
503-682-3727
- Register in person or online at WilsonvilleParksandRec.com
- Checks payable to: City of Wilsonville

*Senior Discount
Seniors 62 years of age or older qualify for discounted tuition for many Community Education classes. Proof of age is required.

Community Education Needs You!
Clackamas Community College and the Community School partners are seeking part-time instructors for the Community Education program. If you have the ability and desire to provide a learning experience for seniors, adults and/or youths in your community, your talents are needed. Fill out an interest form at www.clackamas.edu/community-education.
Community Education

Community Education Classes

Aikido Northwest
16029 SE McLoughlin, Bldg B, Milwaukie

Campbell Elementary
11326 SE 47th Ave, Milwaukie

Candy Lane Elementary
5901 SE Hull Ave, Milwaukie

Clackamas River Racquet Club
790 82nd Dr, Gladstone

Clackamatte Park
1955 Clackamatte Dr, Oregon City

Eastham Community Center
1404 7th St, Oregon City

East Side Milwaukie
4606 SE Boardman, Milwaukie

East Side Clackamas
9100 SE Sunny Side Rd, Clackamas

EcoDive NW
183 King St, Oregon City

Gladstone High School
18800 Portland Ave, Gladstone

Gladstone Senior Center
1050 Portland Ave, Gladstone

Gladstone Park Seventh-Day Adventist Church
8378 Cason Rd, Gladstone

Grand Finale’ Dance Studio
875 Portland Ave, Gladstone

Hammerle Park
1505 Lewis St, West Linn

Hammerle Park
1505 Lewis St, West Linn

Harmony Road Music Center
17300 SE 82nd Dr, Clackamas

Highland Stables
16723 S Williams Rd, Beavercreek

Hood View Park
6223 SE Stadium Way, Happy Valley

John Wetten Elementary
250 E Exeter St, Gladstone

King Elementary School
995 South End Rd, Oregon City

Krausberger Middle School
17777 Webster Rd, Gladstone

Mary S. Young Park
19900 Willamette Dr, West Linn

Marylhurst Heights Park
1800 Valley View Dr, West Linn

McLean House
5350 River St, West Linn

Milwaukie Center
5440 SE Kellogg Creek Dr, Milwaukie

Memorial Park
8100 SE Memorial Dr, Wilsonville

Mount Scott Elementary
11201 SE Stevens Rd, Happy Valley

Murase Plaza
8300 SW Wilsonville Rd, Wilsonville

North Clackamas Aquatic Park
7300 SE Harmony Rd, Milwaukie

North Clackamas Park
5440 SE Kellogg Creek Dr, Milwaukie

Oregon City High School
19761 S Beavercreek Rd, Oregon City

Oregon City Pioneer Community Center
615 Fifth St, Oregon City

Oregon City Swimming Pool
1211 Jackson St, Oregon City

Parks & Recreation Administration Building
29600 SW Park Place, Wilsonville

Rex Putnam High School
4950 SE Roethe Rd, Milwaukie

Risley Park
2350 SE Swain Ave, Milwaukie

Robinwood Park
3600 Fairview Way, West Linn

Rock Creek Middle School
14897 SE Parklane Dr, Happy Valley

Rose Villa
13505 SE River Rd, Milwaukie

Rosemont Ridge Middle School
20001 Salamo Rd, West Linn

Stone Creek Golf Course
14603 S Stoneridge Dr, Oregon City

Sunset Fire Hall
2215 Long St, West Linn

Sunset Primary School
2351 Oxford St, West Linn

Tanner Creek Park
3456 Parker Rd, West Linn

West Linn High School
5464 West A St, West Linn

West Linn Adult Community Center
1180 Rosemont Rd, West Linn

Wichita Center
6031 SE King Rd, Milwaukie

Wilsonville Community Center
7965 SW Wilsonville Rd, Wilsonville

Willamette Park
1100 12th St., West Linn
### CCC

**COMMUNITY EDUCATION**

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### MOTORCYCLE & SCOOTER CLASSES

Clackamas Community College motorcycle courses are offered in cooperation with Team Oregon, a nationally recognized leader in motorcycle rider safety and skills training. Team Oregon offers courses for riders of all levels of ability. You can learn to ride, earn your motorcycle endorsement or take your skills to the next level. The course instruction and coaching will help you to ride safer, smarter and more skillfully. Basic and intermediate courses are approved for Oregon’s mandatory training requirement, and feature hands-on practice riding and online classroom. Students can also choose to attend in-person classroom sessions.

**YYDRE-300 BASIC COURSES**
Choose from Basic Rider Training (BRT) or eRider™ Basic, 8 hours practice riding plus classroom; available to all riders 16 and older; mandatory for new riders under 21. $169

**YYDRE-300 INTERMEDIATE COURSES**
Choose from Intermediate Rider Training (IRT) or eRider™ Intermediate, 4 hours practice riding plus classroom; available to all riders 21 and older; previous riding experience required. $169

**ZDRE-300 ADVANCED RIDER SKILLS PRACTICE**
4.5 hours, no classroom. Practice braking, cornering, swerving, tight-turns, and a circuit ride; available to riders 16 and older with a motorcycle endorsement, other advanced courses are available through Team Oregon. $99

Find complete training and licensing information, course schedules and register online at the Team Oregon website [http://team-oregon.org](http://team-oregon.org). If you need additional assistance or information, call 800-545-9944.

### ROSE VILLA

13505 SE River Rd, Milwaukie
To register: 503-654-3171

**YPED-600-1104 FUNCTIONAL FITNESS**
Functional fitness is using fun ways to improve your body’s ability to function better on a daily basis. Improve core strength, balance, cognition, reactive reflex, stretching and muscle strength. All activities can be modified to individual needs. Age 62+ $20. Rose Villa

**ZAPA-100-0301 OIL PAINTING BOB ROSS STYLE**
Learn techniques to create leaf casts for birdaths, water features, & garden art using concrete; make one in class. Bring 2 shallow plastic storage totes/boxes & plastic gloves. Held off Forsyth Rd in OC. Info sheet

10am-12pm M 7/20 1 $16 $5 Hage

**ZAPA-300-0301 EXPLODING PHOTO BOXES**
Unique paper box that “EXPLODES” open when the lid is lifted. The 4” cube allows spaces for 20 photos/stories. Great to show off Vacation/Special Event photos. (Age 62+ $13) Gladstone High School

6-9pm M 7/8 1 $16 $12 Hage

**ZAPA-300-0305 GLASS BIRD BATH, FLOWERS & TOTEMS**
Create glass totem, garden flowers or bird bath using ‘stray’ glassware: vases, candlesticks, punchbowls, assorted size plates, glasses-clear and/or colored works great. Supply list or order kit for $20. (Age 62+ $13) Gladstone High School

6:30-8:30pm M 7/29 1 $16 Hage

**ZAPA-300-0307 LAVENDER TREASURES**
Create lavender wand, bottle and basket using fresh lavender, ribbons. Fragrance is heavenly as breeze drifts through basket, as drawer with wand is opened. Supplies included or may provide own. (Age 62+: $13+lab) Gladstone High School

6:30-9:30pm W 6/19 1 $16 $6 Hage

**ZAPA-300-0308 MOSAIC REPURPOSED ART TRAYS**
Create tray using broken china/ceramic/glass to create your own design, repurposing items normally thrown away. Supplies provided, but bring any broken dishes/jewelry/pottery you’d like to include. Two-week class. (Age 62+: $20+lab) Gladstone High School

6:30-9:30pm T 7/16 2 $24 $8 Hage

**ZAPA-100-0310 OIL PAINTING BOB ROSS STYLE**
Start with a blank canvas, leave with completed masterpiece! Destress and relax with Judy Stubb. Beginners to advanced welcome. All supplies and canvas provided! View pictures at [www.wetpaints.net](http://www.wetpaints.net). (Note: Thursday classes at Gladstone High School & Sunday classes at Gladstone Park Seventh-Day Adventist Church.)

**ZAPA-100-0311 SUMMER ART EXPERIENCE AGES 5-8**
Explore acrylic medium using washes, texturing, impasto techniques. Class includes painting landscapes, water, flowers, buildings. Bring imagination & be prepared to use COLOR! Supply list. (Age 62+: $68) Gladstone High School

6-9pm M 7/8 1 $16 $12 Hage

**ZAPA-100-0312 SUMMER ART EXPERIENCE AGES 9-12**
Explore oil medium using textures, technique, repurposing items normally thrown away. Supplies provided, but bring any broken dishes/jewelry/pottery you’d like to include. (Age 62+: $73) No class 6/27 or 7/4. Gladstone Senior Center

2-4pm TH 6/13 8 $89 Gannon

### Gladstone

**COMMUNITY EDUCATION & RECREATION**

Registration form for Community Education classes on page 52.
For class locations, see page 54.
Phone: 503-650-2570 or 503-655-2777

**Arts/Crafts**

**ZAPA-100-0301 ACYRICS WITH MELISSA**
Explore acrylic medium using washes, texturing, impasto techniques. Class includes painting landscapes, water, flowers, buildings. Bring imagination & be prepared to use COLOR! Supply list. (Age 62+: $68) Gladstone High School

6-8:30pm W 6/19 8 $84 Gannon

**ZAPA-100-0302 ADVENTURES IN PASTELS**
Use your pastels to portray vibrant landscapes, water, still life. Class will cover drawing, composition, color layering. Supply list. (Age 62+: $73) No class 6/27 or 7/4. Gladstone Senior Center

2-4:30pm TH 6/13 8 $89 Gannon

**ZPLT-100-0310 CONCRETE LEAF CASTS**
Learn techniques to create leaf casts for birdaths, water features, & garden art using concrete; make one in class. Bring 2 shallow plastic storage totes/boxes & plastic gloves. Held off Forsyth Rd in OC. Info sheet

10am-12pm S 7/20 1 $16 S5 Hage

**ZAPA-300-0301 EXPLODING PHOTO BOXES**
Unique paper box that “EXPLODES” open when the lid is lifted. The 4” cube allows spaces for 20 photos/stories. Great to show off Vacation/Special Event photos. (Age 62+ $13) Gladstone High School

6-9pm M 7/8 1 $16 $12 Hage

**ZAPA-300-0305 GLASS BIRD BATH, FLOWERS & TOTEMS**
Create glass totem, garden flowers or bird bath using ‘stray’ glassware: vases, candlesticks, punchbowls, assorted size plates, glasses-clear and/or colored works great. Supply list or order kit for $20. (Age 62+ $13) Gladstone High School

6:30-8:30pm M 7/29 1 $16 Hage

**ZAPA-300-0307 LAVENDER TREASURES**
Create lavender wand, bottle and basket using fresh lavender, ribbons. Fragrance is heavenly as breeze drifts through basket, as drawer with wand is opened. Supplies included or may provide own. (Age 62+: $13+lab) Gladstone High School

6:30-9:30pm W 6/19 1 $16 $6 Hage

**ZAPA-300-0308 MOSAIC REPURPOSED ART TRAYS**
Create tray using broken china/ceramic/glass to create your own design, repurposing items normally thrown away. Supplies provided, but bring any broken dishes/jewelry/pottery you’d like to include. Two-week class. (Age 62+: $20+lab) Gladstone High School

6:30-9:30pm T 7/16 2 $24 $8 Hage

**ZAPA-100-0310 OIL PAINTING BOB ROSS STYLE**
Start with a blank canvas, leave with completed masterpiece! Destress and relax with Judy Stubb. Beginners to advanced welcome. All supplies and canvas provided! View pictures at [www.wetpaints.net](http://www.wetpaints.net). (Note: Thursday classes at Gladstone High School & Sunday classes at Gladstone Park Seventh-Day Adventist Church.)

**ZAPA-100-0311 SUMMER ART EXPERIENCE AGES 5-8**
Explore acrylic medium using washes, texturing, impasto techniques. Class includes painting landscapes, water, flowers, buildings. Bring imagination & be prepared to use COLOR! Supply list. (Age 62+: $68) Gladstone High School

6-8:30pm W 6/19 8 $84 Gannon

**ZAPA-100-0302 ADVENTURES IN PASTELS**
Use your pastels to portray vibrant landscapes, water, still life. Class will cover drawing, composition, color layering. Supply list. (Age 62+: $73) No class 6/27 or 7/4. Gladstone Senior Center

2-4:30pm TH 6/13 8 $89 Gannon
### Course No. Course Title

<table>
<thead>
<tr>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
<th>Tuition Fee</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td><strong>ZAPA-100-0317</strong> WATERCOLOR WITH MELISSA (DAY)</td>
<td>Explore the exciting and challenging medium of transparent watercolor! Learn to mix colors, the basics of composition, elements of perspective, drawing. Supply list. (Age 62+: $73)</td>
<td>Gladstone Senior Center</td>
<td>2:43pm</td>
<td>W</td>
<td>6/19</td>
<td>8</td>
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<tr>
<td><strong>ZAPA-100-0318</strong> WATERCOLOR WITH MELISSA (EVE)</td>
<td>Explore the exciting and challenging medium of transparent watercolor! Learn to mix colors, the basics of composition, elements of perspective, &amp; drawing. Supply list. (Age 62+: $68)</td>
<td>Gladstone High School</td>
<td>6:30-9:30pm</td>
<td>T</td>
<td>6/18</td>
<td>8</td>
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<tr>
<td><strong>ZEAT-100-0300</strong> CANNING FRUITS &amp; VEGETABLES</td>
<td>Hands-on class to understand basics of 'hot water bath' canning: equipment, which fruits/veggies, hints, hot/cold pack. Make two styles of applesauce in class. Bring sharp paring knife, peeler, towel, small box. (Age 62+: $13+lab)</td>
<td>Gladstone High School</td>
<td>6:30-9:30pm</td>
<td>M</td>
<td>6/24</td>
<td>1</td>
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<tr>
<td><strong>ZEAT-100-0301</strong> JAMS &amp; JELLIES</td>
<td>Hands-on class to learn preserving jams and jellies: hot pack and freezer. Bring box to carry home samples. (Age 62+: $13+lab)</td>
<td>Gladstone High School</td>
<td>6:30-9:30pm</td>
<td>M</td>
<td>6/24</td>
<td>1</td>
</tr>
<tr>
<td><strong>YDPS-100-0302</strong> EXCEL LEVEL 1</td>
<td>Learn Excel 2016 basics. How to navigate worksheets use basic calculations, common formulas, formatting, editing, sorting, charts, freeze/thaw panes. Need SOME Windows experience. Bring 1G+ flash drive. (Age 62+: $59 + lab)</td>
<td>Gladstone High School</td>
<td>6:30-8:30pm</td>
<td>W</td>
<td>6/19</td>
<td>4</td>
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<tr>
<td><strong>YDPS-100-0303</strong> DIGITAL CAMERA PHOTO FUN</td>
<td>Take great photos with your digital camera while enjoying an easy walking tour of local Gladstone sites. Each class focuses on a different photo technique then returns to the classroom to view, compare and discuss photos. For photographers age 16+. (Age 12-15 welcome with an adult.) Need digital camera and be prepared to walk. (Age 62+: $59 + lab)</td>
<td>Gladstone High School</td>
<td>6:30-8:30pm</td>
<td>T</td>
<td>6/18</td>
<td>4</td>
</tr>
<tr>
<td><strong>ZMDT-300-0301</strong> COUNTRY LINE DANCE ULTRA BEGINNING</td>
<td>If you are new to dancing or have never taken a line dance class, let Nadja help you learn easy steps in a relaxed atmosphere. Fun way to enjoy dancing without the need of a partner. No class 7/4. (Age 62+: $50)</td>
<td>Gladstone High School</td>
<td>6:30-7:30pm</td>
<td>TH</td>
<td>6/20</td>
<td>8</td>
</tr>
<tr>
<td><strong>ZMDT-300-0302</strong> COUNTRY LINE DANCE BEGINNING</td>
<td>Line dance is a fun way to dance without the need of a partner. Learn latest dance steps and traditional ones with Nadja. Steps are fun and easy. (Age 62+: $50) No class 7/4.</td>
<td>Gladstone High School</td>
<td>6:30-7:30pm</td>
<td>W</td>
<td>6/19</td>
<td>8</td>
</tr>
<tr>
<td><strong>ZMDT-300-0304</strong> COUNTRY LINE DANCE INTERMEDIATE</td>
<td>Do you know the basic line dances and are ready to move on to some intermediate ones? Come by yourself or with a friend. (Age 62+: $50) No class 7/4.</td>
<td>Gladstone High School</td>
<td>7:30-8:30pm</td>
<td>W</td>
<td>6/19</td>
<td>8</td>
</tr>
<tr>
<td><strong>ZMDT-300-0306</strong> COUNTRY WESTERN PARTNER DANCE</td>
<td>Learn the latest partner dances: Traveling Cha Cha, Horseshoe, Schottische, 2 Step, East Coast Swing. Designed for beginners of all ages, rotation is not necessary. Fee is $80 per couple. (Age 62+: $75/ couple)</td>
<td>Gladstone High School</td>
<td>8:30-9:30pm</td>
<td>W</td>
<td>6/19</td>
<td>8</td>
</tr>
<tr>
<td><strong>ZMDT-300-0307</strong> COUNTRY DANCE WITH NADJA</td>
<td>Nadja will be playing all the oldies for you to dance to in this Open Dance class! From “Asking Questions&quot; to “Boot Scootin' Boogie”, Nadja will provide a class to practice dancing and provide instruction and help.</td>
<td>Gladstone High School</td>
<td>6:30-9:30pm</td>
<td>M</td>
<td>6/24</td>
<td>9</td>
</tr>
<tr>
<td><strong>ZMDT-300-0311</strong> DANCE FUSION AGES 13-ADULT</td>
<td>Designed for dancers who have intermediate to advanced skill level. Perfect for dancers who are currently on dance team or have been on dance team in the past. Focus on a different genre each week: Jazz, Funk, Lyrical, and Contemporary.</td>
<td>Gladstone High School</td>
<td>4:51pm</td>
<td>T</td>
<td>6/4</td>
<td>4</td>
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<tr>
<td><strong>ZMDT-300-0312</strong> JR GLADETTE DANCE CLINIC GRADE K-12</td>
<td>Learn fun dance routines &amp; a parade routine to be performed in Gladstone Community Festival Parade on Aug 3! Performance for parents at 1 pm the day of the clinic.</td>
<td>Gladstone High School</td>
<td>9:00-12pm</td>
<td>F</td>
<td>8/2</td>
<td>1</td>
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<tr>
<td><strong>ZMDT-400-0313</strong> GUITAR BEGINNING ALL AGES</td>
<td>Fun class designed for absolute beginner. Quickly learn basic chords, simple strumming patterns, EZ songs, how to tune, basic techniques. Please provide guitar. Minimum age 4th grade.</td>
<td>Gladstone High School</td>
<td>7:15-8pm</td>
<td>M</td>
<td>7/1</td>
<td>5</td>
</tr>
<tr>
<td><strong>ZMDT-400-0314</strong> UKULELE BEGINNING ALL AGES</td>
<td>Easy to play, inexpensive, lots of fun! Quickly learn tuning, simple chords, tons of songs. Great way to have fun with family &amp; friends. Tenor, Soprano, or concert GCEA tuning only. Bring ukulele. Minimum age 4th grade.</td>
<td>Gladstone High School</td>
<td>6:30-7:15pm</td>
<td>M</td>
<td>7/1</td>
<td>5</td>
</tr>
<tr>
<td><strong>ZMDT-100-0315</strong> MISSOULA CHILDREN'S THEATRE – JACK AND THE BEANSTALK</td>
<td>Grade 1-12 as of Fall 2019. What happens when a young boy plants Wonder Beans in his own backyard? For Jack, it is the beginning of a great adventure. With a little help from P.T. Wonder and a Giant, Jack learns a valuable lesson about true happiness. Audition, rehearse, and preform in one short week. Must attend casting audition 7/22, 9:30am. No advance prep or experience needed, assistant directors also cast. Rehearsal times vary daily between 9:30am-2pm depending on role received.</td>
<td>Gladstone High School</td>
<td>9:30am-2pm</td>
<td>M-S</td>
<td>7/22</td>
<td>1</td>
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<tr>
<td><strong>DANCE/TUMBLING AT GRANDE FINALE</strong></td>
<td>These 8-week classes are held at Grande Finale Dance Studio in Gladstone. Class sizes are limited; please register early.</td>
<td>Grande Finale</td>
<td>5:15-6pm</td>
<td>W</td>
<td>6/26</td>
<td>8</td>
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<tr>
<td><strong>ZMDT-300-0300</strong> PRE-BALLET</td>
<td>Learn basic ballet positions and steps, be exposed to creative movement to help coordination and overall sense of rhythm, develop listening skills in group setting.</td>
<td>Gladstone High School</td>
<td>4:15-5:15pm</td>
<td>W</td>
<td>6/26</td>
<td>8</td>
</tr>
<tr>
<td><strong>ZMDT-300-0314</strong> BALLET</td>
<td>Develop self-confidence and listening skills while learning basic ballet positions, steps and stretches. Dancers will need pink tights, black leotard, pink ballet slippers. No skirts please.</td>
<td>Grande Finale</td>
<td>8:15-9:15pm</td>
<td>M</td>
<td>6/24</td>
<td>8</td>
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### Community Education

<table>
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<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>YPED-300-0300</td>
<td>AEROBICS (HI/LOW IMPACT), ZUMBA &amp; STRONG</td>
<td>5:30-6:30pm</td>
<td>T</td>
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<td>10</td>
<td>$70</td>
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<td>YPED-300-0321</td>
<td>STEP VARIETY</td>
<td>4:30-5:30pm</td>
<td>T</td>
<td>6/17</td>
<td>11 incl</td>
<td>$70</td>
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<td>YPED-300-0325</td>
<td>BODY SCULPTING</td>
<td>5:30-6:30pm</td>
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<td>6/18</td>
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<td>Staff</td>
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<td>YPED-300-0326</td>
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<td>8-9am</td>
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<td>6/22</td>
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<td>YPED-300-0327</td>
<td>ZUMBA</td>
<td>9-10am</td>
<td>T</td>
<td>6/18</td>
<td>11 incl</td>
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<td>YPED-300-0328</td>
<td>STRONG</td>
<td>7:05-8:00am</td>
<td>T</td>
<td>6/18</td>
<td>11 incl</td>
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### Exercise/_fitness

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<tr>
<td>ZPED-300-0301</td>
<td>DRIVER EDUCATION FOR TEENS</td>
<td>4:30-5:30pm</td>
<td>T</td>
<td>6/18</td>
<td>10</td>
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<td>ZPED-300-0321</td>
<td>STEP VARIETY</td>
<td>4:30-5:30pm</td>
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<td>$70</td>
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<td>ZPED-300-0325</td>
<td>BODY SCULPTING</td>
<td>5:30-6:30pm</td>
<td>M</td>
<td>6/18</td>
<td>11 incl</td>
<td>$70</td>
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### Driver Education

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<td>Johnston</td>
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Register with the Community Education Partner sponsoring your class.
## Course Title

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<td>YPED-300-0301</td>
<td>INDOOR FITNESS WALKING</td>
<td>7:15-8:15pm</td>
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<td>ZPED-400-0307</td>
<td>KARATE-YOUTH PROGRAM</td>
<td>6-7pm</td>
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<td>$75</td>
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<td>TAE KWON DO FOR AGES 5-7</td>
<td>4-5:15pm</td>
<td>MW</td>
<td>6/17</td>
<td>4</td>
<td>$65</td>
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<td>EastSideMilw</td>
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<td>ZPED-400-0303</td>
<td>TAI CHI CHUAN BEGINNING</td>
<td>6:30-7:30pm</td>
<td>TTH</td>
<td>6/25</td>
<td>7</td>
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<td>ZPED-400-0301</td>
<td>TAE KWON DO ADULT PROGRAM</td>
<td>6-7pm</td>
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<td>ZPED-400-0303</td>
<td>TAI CHI CHUAN ADVANCED LEVEL 1</td>
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<td>TAI CHI CHUAN ADVANCED LEVEL 3</td>
<td>12-1pm</td>
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<td>ZPED-400-0306</td>
<td>YOGA BASICS TO INTERMEDIATE</td>
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<td>ZPED-400-0307</td>
<td>KARATE-YOUTH PROGRAM</td>
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<td>$69</td>
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<tr>
<td>ZPED-400-0308</td>
<td>WOMEN'S SELF DEFENSE CLASS</td>
<td>11am-3pm</td>
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<td>$25</td>
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<td>8-9am</td>
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<td>6/18</td>
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<td>ZPED-400-0315</td>
<td>ZUMBA AT EAST SIDE ATHLETIC CLUB</td>
<td>6:20-7:20pm</td>
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Child Care/Activities

ZOUT-100-0323 SKYHAWKS FLAG FOOTBALL CAMP AGES 6-12
Boys and girls learn skills on both sides of the football including the core components of passing, catching and defense - all in a fun and positive environment. Bring water, sunscreen, snack. Five-day camp. John Wetten Elementary
9am-12pm M-F 7/22 1 $129 Skyhawks FIELD

ZOUT-100-0324 SKYHAWKS GOLF CAMP BEG. AGES 5-9
Boys & girls learn fundamentals of swinging, putting, body positioning. Using SNAG® (Starting New At Golf) system, young players can make effective transition onto golf course. All equipment provided. Bring water, sunscreen, snack. Five-day camp. John Wetten Elementary
9am-12pm M-F 7/8 1 $129 Skyhawks FIELD

ZOUT-100-0325 SKYHAWKS TINYHAWK SOCCER AGES 3-4
Camp will introduce your child to the fundamentals of the world's most popular sport. No pressure, just lots of fun while working on dribbling, passing, shooting and ball control. Bring water, sunscreen, snack. Four-day camp. John Wetten Elementary
1-1:45pm M-Th 6/17 1 $59 Skyhawks FIELD
1-1:45pm M-Th 7/15 1 $59 Skyhawks FIELD

ZOUT-100-0327 SKYHAWKS MINI HAWK CAMP AGES 4-7
Essentials of soccer, baseball and basketball are taught in a safe, structured environment with lots of encouragement and a big focus on fun. Bring shin guards, snacks, water bottle, sunscreen, athletic shoes. Five-day camp. John Wetten Elementary
9am-12pm M-F 7/7 1 $129 Skyhawks FIELD
9am-12pm M-F 6/17 1 $129 Skyhawks FIELD

ZAPA-300-0303 CARDS FOR SUMMER FUN
Join us to celebrate all the fun & bright colors of summer! Create 8 beautiful cards (4 designs) including envelopes, with fun embellishments & lovely layers. (Age 62+: $13+lab) Gladstone High School
6-9pm T 6/25 1 $16 $15 Graham CLRM
6-9pm W 6/26 1 $16 $15 Graham CLRM

ZAPA-300-0304 CARDMAKING STAYCATION
Come out of the heat & join us for an evening of creative fun! You will take home 8 beautiful cards (4 designs) that you created yourself! Includes envelopes & all the latest crafting products! (Age 62+: $13+lab) Gladstone High School
6-9pm T 8/6 1 $16 $15 Graham CLRM
6-9pm W 8/7 1 $16 $15 Graham CLRM

DAY CAMPS AT EAST SIDE ATHLETIC MILWAUKEE
Mix fun & fitness with Camps at our Milwaukie location. Day camp participants may be dropped off as early as 7:30am and must be picked up by 5:30pm. Structured activities run 9am-4:30pm. NO refunds or credits given for refund requests received less than two weeks before the first day of camp, once camp has started, or for missed days. Participants will swim every day except “field trip” days. Bring swim suit and towel. Children who cannot swim width of pool will be required to wear a life jacket. Bring two snacks, lunch, water bottle and non-marking athletic shoes. Camps fill quickly. East Side Athletic, Milwaukie

ZFAM-200-0300 SURVIVOR CAMP AGES 5-11
Caped crusaders, masked knights and brave men and women who save the day in real life. Make comics, play games, create own super hero persona and save the day. Includes visit from our real life local heroes. See info above. East Side Athletic Club, Milwaukie
9am-4:30pm M-F 7/8 1 $215 EastSideMilw MULTI
9am-4:30pm M-F 8/12 1 $215 EastSideMilw MULTI

ZFAM-200-0304 SUPER HERO CAMP AGES 5-11
Boys & girls learn fundamentals of swinging, putting, body positioning. Using SNAG® (Starting New At Golf) system, young players can make effective transition onto golf course. All equipment provided. Bring water, sunscreen, snack. Five-day camp. John Wetten Elementary
9am-12pm M-F 7/8 1 $129 Skyhawks FIELD
9am-12pm M-F 8/5 1 $129 Skyhawks FIELD

ZFAM-200-0306 “BEST OF” CAMP AGES 5-11
Only the BEST! Kids will enjoy their favorite games from throughout summer. Which games will make the cut? YOU decide! See info above. East Side Athletic Club, Milwaukie
9am-4:30pm M-F 8/26 1 $215 EastSideMilw MULTI

ZFAM-200-0307 BABYSITTING AGES 11 & UP
Class includes book, responsibilities of babysitter, safety, basic child-care, emergency skills and much more! Bring sack lunch. Please preregister, as these classes with Kecia Melton fill quickly. Specify date. Krakberger Middle School
9am-3pm T 6/18 1 $40 Melton CLRM
9am-3pm T 6/25 1 $40 Melton CLRM

Financial/Retirement Planning

YBUS-100-0301 INVESTING FOR FUTURE SERIES
6:30-8:30pm W 6/26 5 $49 Horn CLRM

ZBUS-100-0302 INVESTMENT BASICS
Learn basic concepts and ground rules to investing including importance of diversification, asset allocation, risk vs. reward, dollar cost averaging, Rule of 72. Rebecca recommends you take this class before other investing classes. (Age 62+: $10) Gladstone High School
6:30-8:30pm W 6/26 1 $15 Horn CLRM

ZBUS-100-0303 INVESTING FOR INCOME
Discuss income producing investments: money market accounts, CDs, all types of bonds-government, savings, tax-free, corp., relationship between interest rates and bond market. (Age 62+: $10) Gladstone High School
6:30-8:30pm W 7/10 1 $15 Horn CLRM

ZBUS-100-0304 MUTUAL FUNDS
What are they, how do they work, what do they cost, what should I expect from them, what are my choices, what is “no load”? Learn the many options that are so popular! (Age 62+: $10) Gladstone High School
6:30-8:30pm W 7/10 1 $15 Horn CLRM

ZBUS-100-0305 STOCK MARKET
Learn about income stocks, growth stocks, what to look for when buying or selling stocks, how to make sense of all the numbers. Learn easy formulas essential to basic stock analysis. (Age 62+: $10) Gladstone High School
6:30-8:30pm W 7/17 1 $15 Horn CLRM

ZBUS-100-0306 TAX-ADVANTAGE INVESTMENTS
Traditional and Roth IRAs, 401K, 403B, TSA, 457, Annuities, plans for Small Business Owners. Discuss each type; learn how to handle a rollover or transfer of retirement funds. (Age 62+: $10) Gladstone High School
6:30-8:30pm W 7/24 1 $15 Horn CLRM
North Clackamas Parks & Recreation

Registration form on page 52.

Course No.  Course Title     
Time Days Begins Wks. Tuition Fee Instructor Room
Community Education
Course No.  Course Title     
Time Days Begins Wks. Tuition Fee Instructor Room
[0x0]ZBUS-100-0308 WILLS, TRUSTS, ESTATE PLANNING
What is the difference between a will & a living trust? When do estates have to go through probate and what is probate? Do I need power of attorney or advance directive? How can I take care of my children & beneficiaries? What is the Oregon estate tax, & can I reduce my taxes? Plan ahead to help preserve assets, protect your family, & reduce your taxes. Gain peace of mind with attorney John M. Boylston, Shareholder at Myatt & Bell, P.C. Gladstone Senior Center 6-7:30pm  T 7/9 1 $10 Boylston  CLRM

Gardening/Landscape/Farming

ZPLT-100-0311 ROCK WALLS & GARDEN PATHS
Find out which type of path is best for your needs and your environment, and how to install. Discuss different types of walls for edges: retention, decoration, installation tips. (Age 62+: $13) Gladstone High School 6:30-9:30pm  W 7/10 1 $16 Hage  CLRM

Health/Wellbeing/Safety

ZHLT-100-0302 MEDIC FIRST AID® CPR, AED, & BASIC EMERGENCY FIRST AID
Medic First Aid helps gain knowledge, skills, confidence necessary to manage medical emergency until more advanced help is available. Adult/Child/Infant CPR, AED, Basic Emergency First Aid, Intro to blood borne pathogens. Two-year CPR/First Aid card, OSHA compliant. Gladstone High School 6-9pm  TH 7/18 1 $50 VanGelder  CLRM

Writing/Literature

ZHWL-100-0300 TELL YOUR STORY - MEMOIR WRITING WORKSHOP
This workshop will help you transform your memories into hard-hitting stories. You’ll learn how to use the tools available to memoir writers, receive respectful and constructive feedback from other participants — and find your voice. (Age 62+: $39). Gladstone High School 6-8pm  M 6/24 6 $49 $5 Reed  CLRM

North Clackamas PARKS AND RECREATION

Registration form for Community Education classes on page 52. For class locations, see page 54. Please preregister at www.ncprd.com or by calling 503-794-8080, ext. 0 for classes offered through the North Clackamas Parks & Recreation District or 503-794-8092 for classes held at the Milwaukie Center. For a complete list of classes and programs offered through North Clackamas Parks & Recreation, visit www.ncprd.com or request a program guide by calling 503-794-8080, ext. 0. Please do not plan to register first day of class. Preregistration is highly recommended. If you plan to attend without enrolling, we can't let you know if the class cancels or changes. Your early registration may help ensure that the class is not cancelled.

Arts/Crafts

ADULT ACTIVITIES

ZAPA-100-1200 BEGINNING OIL PAINTING
Unlock your creative side with oil painting. No drawing skills necessary. Learn color mixing tips, techniques and shortcuts. Supply list available from Milwaukie Center recreation staff, 503-794-8092. No class July 4. Age 62+: $85. Milwaukie Center 9:30am-12pm  TH 6/27 10 $113 Wilson  CLRM

ZAPA-100-1201 OIL PAainting
Develop skills in composition and color mixing with one-on-one instruction that will guide you through each step of the process, from canvas preparation to finished project. Supply list available from Milwaukie Center recreation staff, 503-794-8092. No class July 4. Age 62+: $85. Milwaukie Center 1-3:30pm  TH 6/27 10 $113 Wilson  CLRM

ZAPA-100-1202 ACRYLICS
Discover your own unique style and creativity. Learn about acrylics through color, composition, value and perspective. Color theory is emphasized. Projects include working from still life arrangements and photographs. No previous painting or drawing experience necessary. Supply list available from Milwaukie Center recreation staff, 503-794-8092.Age 62+ $75. Milwaukie Center 2:15-4:45pm  M 6/24 10 $100 Macca  CLRM

Dance/Theater

YOUTH ACTIVITIES

ZMDT-300-0400 DANCE AROUND THE WORLD
Ages 4-7. Explore the world through dance. Discover exciting dance choreography and techniques from different cultures around the globe, including the customs and costumes that bring each dance to life. Dancers will also make accessories to wear for a final presentation. NCPRD $95, Non-Res. $119. Milwaukie Center 2-4:30pm  M-TH 7/15 1 Darby  CLRM

ZMDT-300-0401 HAWAIIAN HULA DAYS
Ages 4-7. Welcome to Hawaii! Explore songs and dances from the islands. Study the language and culture, play ancient Hawaiian games, make leis and accessories for an end-of-camp hula performance. Discover your voice and get to know the world of others. NCPRD $95, Non-Res.$119. Milwaukie Center 2-4:30pm  M-TH 7/15 1 Darby  CLRM

ZMDT-300-0403 TINY TOTS PRE-BALLET
Ages 3-4. Tiny Tots Pre-Ballet class helps teach fundamental ballet positions, body awareness, rhythm, classroom technique and free movement. Parents are welcome to watch the last 5 minutes of class. Open to boys and girls. NCPRD $72, Non-Res. $90. Milwaukie Center 5-5:30pm  W 6/26 8 Grant  CLRM

ZMDT-300-0404 LITTLE DANCERS BALLET & JAZZ
Ages 5-6. This innovative class, open to boys and girls, is designed to explore ballet and jazz dance styles while increasing agility, grace and coordination. There is a focus on stretching technique, ballet positions, center work and across-the-floor combinations. Parents are welcome to watch the last 5 minutes of class. NCPRD $72, Non-Res. $90. Milwaukie Center 5:40-6:10pm  W 6/26 8 Grant  CLRM

ZMDT-300-0405 HIP HOP/FUNK
Ages 4-7. This class will introduce boys and girls to hip hop dance moves that will be incorporated into upbeat choreography. This style of dance helps build stamina, coordination and rhythm. Creative movement is one of the key components to this fun, funky and urban dance class. NCPRD $78, Non-Res. $98. Milwaukie Center 3:30-4:15pm  T 6/25 8 Dennis  CLRM

ZMDT-300-0406 HIP HOP/FUNK
Ages 7-12. Learn hip hop and funk techniques like popping and locking. Develop rhythm, flexibility and stamina to contemporary music in this fun and high-energy dance class. Open to boys and girls. NCPRD $78, Non-Res. $98. Milwaukie Center 4:30-5:15pm  T 6/25 8 Dennis  CLRM

ZMDT-100-0400 MISSOULA CHILDREN’S THEATRE – PINOCCHIO
Ages 6-18. A weeklong camp provides children the opportunity to act, sing and dance. Rehearsal times vary depending on part received. Performances: 7/27 at 12pm and 2pm. Pre-registration is required. NCPRD $80, Non-Res. $100. Mt. Scott Elementary 10am-2:30pm  M 7/22 1 Staff  CLRM
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<td>Newcomers please contact Denice at <a href="mailto:ddkadk@comcast.net">ddkadk@comcast.net</a>. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. Milwaukie Center</td>
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### CARDIO/STRENGTH CLASSES

YPED-500-1207 SIT-N-B-FIT  
Levels 1 & 2. Strengthen muscles and improve range of motion, mobility and balance! Great for those with some physical limitations.  
Age 62+ $29. Milwaukie Center  
10:55-11:40am M 6/24 10 $38 Stauss CLRM  
10:55-11:40am W 6/26 10 $38 Stauss CLRM  
YPED-300-1222 LOW IMPACT AEROBIC/STRENGTH  
Levels 2-3. This class is perfect for people just getting started or coming back from an extended break. Alternate between simple and safe, low impact movements. Use stretch bands and light weights that help condition the whole body, while listening to fun and motivating music. Age 62+ $26. No class July 4. Milwaukie Center  
4-4:45pm TH 6/27 9 $34 McClenahan CLRM  
YPED-600-1205 FUNCTIONAL FITNESS  
Levels 2 & 3. Rhythmic training to work on balance, while marching to a beat. Some hand-held weights are used. For people who are able to walk and stand without any extra support. Milwaukie Center  
10:30-11:15am T 6/25 10 $38 Hall CLRM  
Age 62+ $29.  
10:30-11:15am TH 6/27 10 $34 Hall CLRM  
YPED-300-1202 LINE DANCE FOR FITNESS  
Levels 2-3. For people with some dance background who want to dance for aerobic exercise and stimulate their memory. Learn easy-to-follow basic patterns and dance to a wide variety of music, including pop, Latin, country and more. This hour-long class will keep you moving while having fun. Age 62+ $38. Milwaukie Center  
9:30-10:30am M 6/24 10 $50 Mattson CLRM  
YPED-600-1217 SMALL GROUP PERSONAL TRAINING  
Levels 2-3. Get personal attention in this small group setting from an ACE Certified Personal Trainer. Learn proper technique, safety, and how to exercise each muscle group effectively. You will be able to take what you learn to a gym, to your home, or even on the road. Class size limited to 15. Age 62+ $34. No class July 4. Milwaukie Center  
5-6pm TH 6/27 10 $45 McClenahan CLRM  
YPED-500-1215 COMPLETE CONDITIONING  
Level 3. A whole-body workout using aerobics, weights and other strength-training exercises. This class is for active people who have been taking fitness classes at least twice a week. Milwaukie Center  
9:20-10:20am T 6/25 10 $50 Hall CLRM  
Age 62+ $38.  
9:20-10:20am TH 6/27 10 $45 Hall CLRM  
Age 62+ $34. No class July 4.  
YPED-300-1210 EZ-DOES-IT AEROBICS  
Level 3. Moderate aerobic exercise for those who want to stay fit. Sessions include warm-up, stretch, muscle toning plus aerobic workout. Age 62+ $29. Milwaukie Center  
8:30-9:15am M 6/24 10 $38 Stauss CLRM  
8:30-9:15am W 6/26 10 $38 Stauss CLRM  
8:30-9:15am F 6/28 10 $38 Stauss CLRM  
YPED-300-1203 HULA FOR FITNESS  
Level 3. Learn all the basic hula steps with easy-to-follow instructions. Hula helps tone hips, thighs and abdominals while incinerating calories and telling beautiful stories through the movement. Age 62+ $25. Milwaukie Center  
7:40-8:40pm W 6/26 6 $30 Taylor CLRM  
YPED-200-1202 STRETCH & FLEX  
Level 3. Build strength and balance in this relaxing non-aerobic approach to exercise. Bring an exercise mat; includes floor time. Bring a stability ball to the last six weeks of class. Milwaukie Center  
8:10-9:10am T 6/25 10 $45 Hall CLRM  
Age 62+ $34. No class July 16.  
8:10-9:10am TH 6/27 10 $40 Hall CLRM  
Age 62+ $30. No class July 4 & 18.  
YPED-300-1201 WWW – WALKING WITH WAYNE  
Levels 3-4. Wayne Sabin leads a walking group around North Clackamas Park every Wednesday. Meet at 10am by the red sculpture in North Clackamas Park. No fee.  
YPED-600-1209 EXERCENTRICS  
Levels 3-4. Use dumbbells and your body weight to perform multi-muscle, high repetition movements that will ultimately work the entire body. The music will keep you moving and your breathing will keep you focused. Finish with a relaxing cool down and stretches. Age 62+ $38 Milwaukie Center  
12:15-1:15pm M 6/24 10 $50 McClenahan CLRM  
YPED-300-1206 ZUMBA  
Levels 3 & 4. Zumba combines Latin and international music that incorporates hip-hop, cumbia, reggaeton, salsa, merengue, mambo and more. Build strength, burn calories, improve motion and posture. Milwaukie Center  
6:40-7:40pm T 6/25 10 $45 Miratsky CLRM  
Age 62+ $34. No class July 2.  
6:40-7:40pm TH 6/27 10 $45 Miratsky CLRM  
YPED-300-1212 LEVEL DANCE FOR FITNESS  
Level 3. Build strength and balance in this relaxing non-aerobic approach to exercise. Bring an exercise mat; includes floor time. Bring a stability ball to the last six weeks of class. Milwaukie Center  
8:10-9:10am T 6/25 10 $45 Hall CLRM  
Age 62+ $34. No class July 16.  
8:10-9:10am TH 6/27 10 $40 Hall CLRM  
Age 62+ $30. No class July 4 & 18.  
NORTH CLACKAMAS AQUATIC PARK  
The North Clackamas Aquatic Park offers year-round recreational swim opportunities in our exclusively indoor facility. Whether you are interested in aquatic exercise, lap swimming or recreational swimming, you can find it here. Please visit our website, www.ncprd.com or call 503-557-7873 (SURF) to verify the availability of these activities with our current schedule.  
YPED-800-0400 TEEN WAVE  
This class provides individuals (in a group setting) 13 years and older, the opportunity to learn swimming skills at one’s own pace with a certified instructor. NCPRD $50, Non-Res. $66. North Clackamas Aquatic Park  
7-7:30pm MW 7/15 4 Staff POOL  
YPED-500-0400 TAKE THE PLUNGE  
Adults work at their own pace with a certified instructor. NCPRD $50, Non-Res. $66. North Clackamas Aquatic Park  
7-7:30pm MW 7/15 4 Staff POOL  
YPED-800-0400 RED CROSS LIFEGUARD TRAINING  
Fee includes instruction, pool time and certificates for this four-day class. Participants are interested in aquatic exercise, lap swimming or recreational swimming. You can find it here. Please visit our website, www.ncprd.com or call 503-557-7873 (SURF) to verify the availability of these activities with our current schedule.  
AQUATIC EXERCISE  
Aerobic Exercise is a fitness program designed to enhance your health and wellness. Admission per class: NCPRD $5.50, Non-Res. $7.18 class punch card: NCPRD $88, Non-Res. $110.  
YPED-300-1200 DEEP H2O  
Deep H2O is held in the dive well with the assistance of flotation equipment. This non-weight bearing routine enhances flexibility and muscular strength. North Clackamas Aquatic Park  
7-8am MVF 6/17 11 Staff POOL  
6-7pm MTW 6/17 11 Staff POOL  
7:30-8:30am S 6/22 11 Staff POOL
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<th>Course No. Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
<th>Tuition Fee</th>
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<td>YPED-200-0402 TRAIN 2 STAY FIT</td>
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<td>4:05-4:35pm</td>
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<td>11:20-11:50am</td>
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<td>ZPED-800-0403 SEALS INTRO, AGES 3-5</td>
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<td>ZPED-800-0405 SWIMMING SEALS, AGES 3-5</td>
<td>8:25-8:55am</td>
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<td>ZPED-800-0406 MIGHTY SEALS, AGES 3-5</td>
<td>8:25-8:55am</td>
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Register with the Community Education Partner sponsoring your class.

Swimming lessons consist of eight 30-minute classes per session. Tuesday-Friday for Session 1 and Monday-Thursday classes for Session 2-5, held over two consecutive weeks: Session 1: June 18-28. Session 2: July 8-18. Session 3: July 22-August 1. Session 4: August 5-15. Session 5: August 19-29. Saturday class, held over eight consecutive weeks: July 6-August 24. NCPRD $50, Non-Res. $66.

Register with the Community Education Partner sponsoring your class.
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<td>ZPED-800-0407</td>
<td>LEVEL 1, AGES 5+</td>
<td>8-8:30am</td>
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<td>ZPED-800-0408</td>
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<td>ZPED-800-0409</td>
<td>LEVEL 3, AGES 5+</td>
<td>8-8:30am</td>
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**ZPED-800-0407 LEVEL 1, AGES 5+**
Entry level swimming lesson. Introduces students to basic swimming and water safety skills. Choose session dates from description above. North Clackamas Aquatic Park

**Sessions 1-4**
- **8-8:30am M-TH 2 Staff POOL**
- **9:10-9:40am M-TH 2 Staff POOL**
- **9:45-10:15am M-TH 2 Staff POOL**
- **10:20-10:50am M-TH 2 Staff POOL**
- **10:55-11:25am M-TH 2 Staff POOL**
- **11:30am-1:2pm M-TH 2 Staff POOL**
- **4:05-4:35pm M-TH 2 Staff POOL**
- **4:40-5:10pm M-TH 2 Staff POOL**
- **5:15-5:45pm M-TH 2 Staff POOL**
- **5:50-6:20pm M-TH 2 Staff POOL**
- **6:25-6:55pm M-TH 2 Staff POOL**
- **7:35-8:05pm M-TH 2 Staff POOL**

**Saturday Session**
- **8:25-8:55am S 8 Staff POOL**
- **9:35-10:05am S 8 Staff POOL**
- **10:10-10:40am S 8 Staff POOL**
- **11:20-11:50am S 8 Staff POOL**

**ZPED-800-0408 LEVEL 2, AGES 5+**
Builds on basic swimming and water safety skills while focusing on front crawl, breath control and endurance, and introduces students to back crawl. Choose session dates from description above. North Clackamas Aquatic Park

**Sessions 1-4**
- **8-8:30am M-TH 2 Staff POOL**
- **8:35-9:05am M-TH 2 Staff POOL**
- **9:10-9:40am M-TH 2 Staff POOL**
- **9:45-10:15am M-TH 2 Staff POOL**
- **10:20-10:50am M-TH 2 Staff POOL**
- **10:55-11:25am M-TH 2 Staff POOL**
- **11:30am-1:2pm M-TH 2 Staff POOL**
- **4:05-4:35pm M-TH 2 Staff POOL**
- **4:40-5:10pm M-TH 2 Staff POOL**
- **5:15-5:45pm M-TH 2 Staff POOL**
- **6:25-6:55pm M-TH 2 Staff POOL**
- **7:35-8:05pm M-TH 2 Staff POOL**

**Saturday Session**
- **8:25-8:55am S 8 Staff POOL**
- **9:35-10:05am S 8 Staff POOL**
- **10:10-10:40am S 8 Staff POOL**
- **11:20-11:50am S 8 Staff POOL**

**ZPED-800-0409 LEVEL 3, AGES 5+**
Begins refinement of front crawl with a focus on rotary breathing. Continues to familiarize students with back crawl, while introducing finning and elementary backstroke. Choose session dates from description above. North Clackamas Aquatic Park

**Sessions 1-4**
- **8-8:30am M-TH 2 Staff POOL**
- **8:35-9:05am M-TH 2 Staff POOL**
- **9:10-9:40am M-TH 2 Staff POOL**
- **9:45-10:15am M-TH 2 Staff POOL**
- **10:20-10:50am M-TH 2 Staff POOL**
- **10:55-11:25am M-TH 2 Staff POOL**
- **11:30am-1:2pm M-TH 2 Staff POOL**
- **4:05-4:35pm M-TH 2 Staff POOL**
- **4:40-5:10pm M-TH 2 Staff POOL**
- **5:15-5:45pm M-TH 2 Staff POOL**
- **5:50-6:20pm M-TH 2 Staff POOL**
- **6:25-6:55pm M-TH 2 Staff POOL**
- **7:35-8:05pm M-TH 2 Staff POOL**

**Saturday Session**
- **8:25-8:55am S 8 Staff POOL**
- **9:35-10:05am S 8 Staff POOL**
- **10:10-10:40am S 8 Staff POOL**

**ZPED-800-0410 LEVEL 4, AGES 5+**
Develops student's ability to swim front crawl for increased distances with a mastery of rotary breathing, while continuing improvement in back crawl and elementary backstroke. Choose session dates from description above. North Clackamas Aquatic Park

**Sessions 1-4**
- **8:35-9:05am M-TH 2 Staff POOL**
- **9:45-10:15am M-TH 2 Staff POOL**
- **10:55-11:25am M-TH 2 Staff POOL**
- **11:30am-1:2pm M-TH 2 Staff POOL**
- **4:05-4:35pm M-TH 2 Staff POOL**
- **5:50-6:20pm M-TH 2 Staff POOL**
- **7:35-8:05pm M-TH 2 Staff POOL**

**Saturday Session**
- **9:35-10:05am M-TH 2 Staff POOL**

**ZPED-800-0411 LEVEL 5, AGES 5+**
Introduces breaststroke, dolphin kick and treading water. Promotes swimming endurance while establishing student's ability to demonstrate front crawl, back crawl and elementary backstroke for greater distances. Choose session dates from description above. North Clackamas Aquatic Park

**Sessions 1-4**
- **8-8:30am M-TH 2 Staff POOL**
- **9:45-10:15am M-TH 2 Staff POOL**
- **10:55-11:25am M-TH 2 Staff POOL**
- **11:30am-1:2pm M-TH 2 Staff POOL**
- **4:05-4:35pm M-TH 2 Staff POOL**
- **5:50-6:20pm M-TH 2 Staff POOL**
- **7:35-8:05pm M-TH 2 Staff POOL**

**Saturday Session**
- **9:35-10:05am M-TH 2 Staff POOL**

**ZPED-800-0412 LEVEL 6, AGES 5+**
Increases swimming endurance in front crawl, back crawl, and elementary backstroke; as well as improve breaststroke and treading water for 1 minute 30 seconds and introducing sidestroke. Choose session dates from description above. North Clackamas Aquatic Park

**Sessions 1-4**
- **9:10-9:40am M-TH 2 Staff POOL**
- **10:10-10:40am M-TH 2 Staff POOL**
- **11:20-11:50am M-TH 2 Staff POOL**
- **11:30am-1:2pm M-TH 2 Staff POOL**
- **7:35-8:05pm M-TH 2 Staff POOL**

**Saturday Session**
- **10:10-10:40am S 8 Staff POOL**
ZPED-800-0413  LEVEL 7, AGES +
Explores circle swimming, workout equipment, stretching, body alignment and diving from the side and board. Continues to use and improve previously learned strokes. Choose session dates from description above. North Clackamas Aquatic Park

Sessions 1-5
11:30am-12pm M-TH  2  Staff  POOL
6:25-6:55pm  M-TH  2  Staff  POOL
Saturday Session
10:45-11:15am S  8  Staff  POOL

ZHLT-200-1210  VIEWS SUPPORT GROUP
This confidential support group is for you. Family care partners are encouraged to attend. Registration and pre-screening are required, phone 800-272-3900 for details and to register. Fourth Thursday of each month. Facilitated by the Alzheimer's Association of Oregon. Milwaukie Center

ZHLT-200-1211  CAREGIVER'S SUPPORT GROUP
Do you have a diagnosis of dementia or Alzheimer’s disease? Are you interested in speaking with others who are experiencing similar challenges? This support group is for you. Family care partners are encouraged to attend. Registration and pre-screening are required, phone 800-272-3900 for details and to register. Fourth Thursday of each month. Milwaukie Center

Health/Well-Being/Safety

MILWAUKIE CENTER RESOURCES

ZHLT-200-1206  MEALS ON WHEELS
Volunteers deliver hot, healthy meals to homebound seniors over 60 or qualified Medicaid under 60 disabled residents of North Clackamas Parks and Recreation District. Call Social Services at 503-653-8100 to learn about program qualifications and how to apply. Milwaukie Center

ZHLT-200-1207  TRILLIUM LUNCH
Community members can enjoy a healthy, affordable meal Monday through Friday, 12-12:30pm. Groups of six or more require a reservation. For more information, or a menu, call the Nutrition Coordinator at 503-654-3030. Fee: 60+, $3 donation; -60, $5 per person. Milwaukie Center

ZHLT-200-1208  PETE’S CAFE
Open to the public 9am-1pm. Enjoy delicious meals including homemade soups, fresh specialty salads, sandwiches, hamburgers and hot dogs, beverages and desserts at very reasonable prices. All proceeds help fund the Milwaukie Center’s Meals on Wheels program in North Clackamas County. Milwaukie Center

ZHLT-200-1209  TRANSPORTATION
The Transportation Program offers seniors and people with disabilities the freedom of staying connected to the community. We offer door-to-door service to and from the Milwaukie Center for lunch, classes and other activities. We also provide bus transportation to a local grocery store on Tuesday and Thursday each week. For a full list of services and fee information, call the Transportation Coordinator at 503-794-8014. Milwaukie Center

ZHLT-200-1210  A PLACE AT THE CENTER
A special activities program designed for people with memory loss or confusion due to Alzheimer’s or related disorders. This valuable respite program allows caregivers to take some “time out” from caring for their loved ones. For enrollment and fee info call Social Services at 503-794-8014. Application required. NCPRD $24 per session, non-resident $30 per session. Milwaukie Center

ZHLT-200-1201  BLOOD PRESSURE CHECK
Drop in and get your blood pressure checked by volunteer nurses. Available first Monday, third Tuesday and fourth Friday of each month. Free. Milwaukie Center

ZHLT-200-1202  FOOT CARE
The Milwaukie Center offers a foot care clinic on the first and third Tuesday of the month. This service is offered by registered nurses who specialize in foot care. The service includes a foot care exam, toenail trim and lotion rub for a fee of $35. To schedule an appointment or for additional information, please call (503) 653-8100 and leave your name and phone number for a return call. Milwaukie Center

ZHLT-200-1203  DIABETES SUPPORT & EDUCATION GROUP
Information, education and sharing for people with Type 2 diabetes, their families and friends. Meets first Wednesday of each month. Milwaukie Center

ZHLT-200-1204  SENIOR LAW CLINIC
Volunteer elder law attorneys provide a half hour consultation on senior legal issues. This service is available to older adults residing in North Clackamas County. Clinic meets monthly on the first and third Tuesday. Appointments are necessary; call 503-653-8100. Free, donations appreciated. Milwaukie Center

ZHLT-200-1212  MATTER OF BALANCE FALL PROTECTION
Matter of Balance is a nationally-recognized evidenced-based fall prevention program. Participants will attend 2 hour classes for 8 weeks and learn practical strategies to reduce falls. Topics include: fear of falling, reducing environmental risk factors, increasing activity levels, and learning exercises to increase strength and balance. Limited to 15 participants. To sign up, call 503-653-8100 and ask for Abby. No class July 1.

www.clackamas.edu 65
North Clackamas Parks & Recreation

Course No. | Course Title     | Time  | Days | Begins | Wks. | Tuition Fee | Instructor | Room
---|---|---|---|---|---|---|---|---
300-1200 | SPANISH I        | 2:30-3:30pm | M  | 6/24 | 8 | $60 | Torres | CLRM
300-1200 | SPANISH II       | 12:15-1:30pm | M  | 6/24 | 8 | $70 | Torres | CLRM
300-1200 | SPANISH CONVERSATION I | 10:30am-12pm | M  | 6/24 | 8 | $60 | Torres | CLRM
300-1200 | SPANISH CONVERSATION II | 9:30-10am | M  | 6/24 | 8 | $60 | Torres | CLRM
300-1200 | SPANISH IMMERSON | 9:30am-10am | M  | 6/10 |  | $38 | Torres | CLRM
ZMDT-400-1200 | UKULELE JAM GROUP | 6-7pm | W  |  |  |  | Staff | CLRM
ZMDT-400-1201 | MT. DULCIMER JAM GROUP | 12:15-2:15pm | W  |  |  |  | Staff | CLRM

Languages

**YFLS-100-1200 SPANISH I**
Students with little or no Spanish language experience will learn the basic Spanish words, phrases and grammar. For questions about the class, please email Lucia at trilma@msn.com. Age 62+ $45. Milwaukie Center
2-3:30pm M 6/24 8 $60 Torres CLRM

**YFLS-200-1200 SPANISH II**
For students who have a basic knowledge of Spanish, this class provides continued development of reading, writing and speaking skills. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Age 62+ $53. Milwaukie Center 12:15-2pm M 6/24 8 $70 Torres CLRM

**YFLS-300-1200 SPANISH CONVERSATION I**
A casual conversation class for people who can speak some Spanish. Minimal English is used in class. Students speak and the teacher makes corrections while leading a topic. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Age 62+ $45. Milwaukie Center 10:30am-12pm M 6/24 8 $60 Torres CLRM

**YFLS-300-1201 SPANISH CONVERSATION II**
A continued casual conversation class for people who are in a higher level Spanish class. Minimal English is used in class. Students speak and the teacher makes corrections while leading a topic. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Age 62+ $45. Milwaukie Center 9:30-10am M 6/24 8 $60 Torres CLRM

**YFLS-300-1202 SPANISH IMMERSON**
Go on a field trip to another country without leaving. Scenarios set up for students to prepare themselves for situations in Spanish speaking countries. Students will learn to tell stories in Spanish to broaden their way of communicating. Half hour break for lunch on Monday. If you are a new student with some knowledge of Spanish, please email Lucia at trilma@msn.com. Fee $50. Age 62+ $38. Milwaukie Center 9:30am-2pm M 6/10 10am-1pm M 6/11 10am-1pm W 6/12

Music

**ZMDT-400-1200 UKULELE JAM GROUP**
Bring your ukulele and practice strumming to some popular songs in this casual atmosphere. Please call (503) 794-8092 or email recreation@ncprd.com for more info and to get on the email list. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. No jam July 4. Milwaukie Center 6-7:15pm W 9:30-11am TH

**ZMDT-400-1201 MT. DULCIMER JAM GROUP**
Bring your Mountain Dulcimer and jam with the group. Please call 503-794-8092 for more information. First and third Wednesdays. Newcomers please contact Denise at ddkadk@comcast.net. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. Milwaukie Center 12:15-2:15pm W

Special Events

**MOVIES IN THE PARK**
Bring a blanket and enjoy movies under the stars! All movies are free and begin at dusk. Visit commonsensemedia.org for movie descriptions and ratings to decide if the movie is appropriate for your family. Go to ncprd.com/parkmovies for a full listing of movies, dates and locations.

**RECMOBILE**
The RecMobile is coming to a park near you! Come play games, make crafts, meet new friends and have fun in the sun! Join our recreation staff Monday through Friday at select parks throughout North Clackamas Parks and Recreation District. Each week will feature a different theme to ignite your imagination. Children under age 6 must be accompanied by a parent or guardian. Parent or guardian must fill out a registration form on-site before children may participate in the RecMobile program. Go to ncprd.com/recomo bile for a listing of dates and locations.

**CONCERTS IN THE PARK**
Mark your calendars this summer for concerts in the park! Join us for a three-week concert series at different park locations throughout the district. Stay tuned for more information on performing bands, ncprd.com. These concerts are free and open to all!

**GOLDEN ANNIVERSARY**
Have you been with your partner for 50 years or longer? We would like to honor you. Renew your vows and celebrate your dedication. The ceremony takes place at 11am followed by a gourmet lunch, live music and dancing. Join us in this beautiful and inspiring celebration. Please call 503-794-8092 to reserve your space today. Sponsored by Bob’s Red Mill. Milwaukie Center 11am-1pm F 6/21 Free

**CREAT AMERICAN BBQ**
Mark your calendars for a flame-grilled lunch, in partnership with Hop Jack’s, at the picnic shelter at North Clackamas Park. Tap your toes to the lively music of Mark Cash and Chihuahua Desert and watch a special performance by the Westernaires Line Dance Team. Ice cream provided by Umpqua Bank. Groups of six or more require a reservation. For more information, call the Nutrition Program at 503-654-3030. Sponsored by Bob’s Red Mill. Fee 60+, $3 donation; under 60, $5 per person. Milwaukie Center 12-1pm TH 7/11

**ICE CREAM SOCIAL & BEACH BUM DAY**
Have fun with friends and neighbors while enjoying a banana split or sundae. Wear your favorite island attire and win a trip through Hop Jack’s, at the picnic shelter at North Clackamas Park. Tap your toes to the lively music of Mark Cash and Chihuahua Desert and watch a special performance by the Westernaires Line Dance Team. Ice cream provided by Umpqua Bank. Groups of six or more require a reservation. For more information, call the Nutrition Program at 503-654-3030. Sponsored by Bob’s Red Mill. Fee 60+, $3 donation; under 60, $5 per person. Milwaukie Center 12:30-1:30pm TU 8/27

**CLACKAMAS COUNTY ON TAP & UNCORCKED**
Featuring local wineries, breweries and distilleries from North Clackamas – all in a beautiful rose garden setting with food carts and live music. Entry is $15 and includes a souvenir tasting glass (beer or wine). This event benefits Meals on Wheels in North Clackamas. Sara Hite Memorial Rose Garden, Milwaukie Center 1-9m S 9/7 $15

Registration form on page 52.
Special Interests/Hobbies

INTEREST & ACTIVITY GROUPS
(The Milwaukie Center will be closed Independence Day, July 4; Labor Day, September 2 and maintenance week, September 3-6.)

ZAPA-300-1206 BILLIARDS
Two pool tables with open play. Drop in. Activity fee: NCPRD $1, non-resident $2 all day. Milwaukie Center
8am-5pm  M-F Staff CLRM

ZAPA-300-1203 CHINESE MAH JONGG
The objective of the game is to be the first to Mah Jongg where all your tiles form four sets plus one pair. If interested in learning, contact Angela Wright at englishimport@gmail.com or 503-679-9182. Drop in. Activity fee: NCPRD $1, non-resident $2. Milwaukie Center
12:30-3:30pm  M Staff CLRM

ZAPA-300-1204 MAH JONGG
Mah Jongg originated in China and is a game of skill, strategy and chance. Experience preferred. Please bring your current American Mah Jongg card. If interested in learning, please contact Judy Hervey at cjchervey@sbcglobal.net. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. Milwaukie Center
12:30-3:30pm  M Staff CLRM

ZAPA-300-1200 DAYTIME BINGO
Play for fun with small prizes. Drop in. NCPRD 25 cents per card, non-resident $0.50 cents per card. Large print cards now available. Milwaukie Center
1-2pm  TTH Staff CLRM

ZAPA-300-1201 EVENING CASH BINGO
Cash prizes and refreshments. Drop in. $5 first packet; $4 second packet, $1 for special games. Milwaukie Center
6:30-9pm  TH Staff CLRM

ZAPA-300-1205 PARTY BRIDGE
Ages 18+ and for those who already play the game. Group rules apply. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. Milwaukie Center
12:30-3:30pm  TH Staff CLRM

ZAPA-300-1208 GENEALOGY
Learn where to find information and what to do with it. Meets the fourth Wednesday of the month. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. Milwaukie Center
9:30-11:30am  W Staff CLRM

ZAPA-300-1207 WOODCARVING
Activity period for novice to advanced woodcarvers, with guidance for starter projects, instruction on safety and tool care. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. Milwaukie Center
8:11am-10:30am  W Staff CLRM

ZAPA-300-1209 GAME NIGHT
A variety of board and card games from simple to complex will be played. There will be an opportunity to learn or teach new games. If you have questions or suggestions, please call Saul at 503-360-205 or email saul_m_shapiro@hotmail.com. First & Third Tuesday. Drop in. Activity fee: NCPRD $1, non-resident $2 per session. Milwaukie Center
5-7:45pm  TU Staff CLRM

Sports/Outdoor Activities

YOUTH ACTIVITIES

ZOUT-100-0400 CHEER STARZ CAMP
Ages 5-14. Spike it, kick it, throw it, dribble it, dunk it! Campers will play a new sport each day including volleyball, basketball, flag football and soccer. Get your game on this summer! Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD $105, Non-Res. $130. Mt. Scott Elementary
9am-12pm  M-F 6/25  1 Staff FIELD

ZOUT-200-0401 FUN FIELD DAYS CAMP
Ages 5-12. Get outside and play! Campers will enjoy playing a variety of outdoor games, activities and obstacle courses. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD $105, Non-Res. $130. Hood View Park
9am-12pm  M-F 7/9  1 Staff FIELD
1-4pm  M-F 8/6  1 Staff FIELD
No. Clackamas Park
9am-12pm  M-F 7/30  1 Staff FIELD

ZOUT-100-0402 HORSEBACK RIDING
Ages 8-18. Learn the ropes of English-style riding. Highland Stables offers professional instruction on riding and horse care with a focus on safety. Participants will develop riding skills based on the US Pony Club D standards. Campers are required to wear boots or hard-soled shoes. Riding helmets are provided for all participants. Fee: NCPRD $285, Non-Res. $305. Highland Stables
9am-12pm  M-F 6/25  1 Staff ARENA
9am-12pm  M-F 7/9  1 Staff ARENA
9am-12pm  M-F 7/16  1 Staff ARENA
9am-12pm  M-F 7/23  1 Staff ARENA
9am-12pm  M-F 7/30  1 Staff ARENA
9am-12pm  M-F 8/6  1 Staff ARENA
9am-12pm  M-F 8/13  1 Staff ARENA
9am-12pm  M-F 8/20  1 Staff ARENA

ZOUT-100-0403 LEARNING LACROSSE CAMP
Ages 5-12. Take the cookie to the cooker. Campers will be introduced to the game of Lacrosse and learn fundamental skills through exciting games and activities. Whether it’s your first time picking up a stick or you’ve played before, you’ll want to check this camp out. All equipment provided. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD $105, Non-Res. $130. Hood View Park
9am-12pm  M-F 6/25  1 Staff ARENA
9am-12pm  M-F 7/9  1 Staff ARENA
9am-12pm  M-F 7/16  1 Staff ARENA
9am-12pm  M-F 7/23  1 Staff ARENA
9am-12pm  M-F 7/30  1 Staff ARENA
9am-12pm  M-F 8/6  1 Staff ARENA
9am-12pm  M-F 8/13  1 Staff ARENA
9am-12pm  M-F 8/20  1 Staff ARENA

ZOUT-200-0404 OUTDOOR EXPLORERS CAMP
Ages 5-10. Discover the world around you! Campers will roll up their sleeves and dig into fun as they learn about and explore the great outdoors through a variety of hands-on projects and activities. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD $105, Non-Res. $130. Hood View Park
9am-12pm  M-F 7/16  1 Staff FIELD
9am-12pm  M-F 7/30  1 Staff FIELD

Register with the Community Education Partner sponsoring your class.
ZOUT-100-0405 SUPER HOOPERS CAMP
Ages 5-14. Dribble, drive and dish the ball. Open to all skill levels, campers will hit the court to execute the basics and pick up new skills from a variety of activities, drills and exciting games. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD $105, Non-Res. $130.

ZOUT-100-0406 TENNIS CAMP
Ages 9-14. If learning the fundamentals of the game of tennis is your goal, you won’t want to miss out on this camp! Campers will learn and practice various groundstrokes through numerous exciting games and challenges. Campers should wear athletic attire and sneakers and bring a water bottle and snack. Camp T-shirt included.

ZOUT-100-0407 TRACK & FIELD CAMP
Ages 5-14. If learning the fundamentals of the game of tennis is your goal, you won’t want to miss out on this camp! Campers will learn and practice various groundstrokes through numerous exciting games and challenges.

ZOUT-100-0408 TRACK & FIELD JUMPS CAMP
Ages 10-14. Jump higher and go farther! Campers focus on developing jump techniques and skill for high jump, long jump and triple jump. Space is limited. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included. NCPRD $72, Non-Res. $90.

ZOUT-100-0410 MULTI-SPORT CAMP
Ages 5-14. Shake your pom-poms and show your spirit. Campers will learn a choreographed cheerleading routine incorporating jumps and basic stunting skills to be performed for family and friends on the final day of camp. Camp participants are invited to walk in the City of Happy Valley’s Independence Day Parade on the Fourth of July. Parade participants are responsible for transportation to and from the parade site. Campers should wear athletic attire with sneakers and bring a snack and water each day. Camp T-shirt included.

ZAPA-300-1200 MINECRAFT VIDEO GAME DESIGN CAMP
Ages 7-12. Learn how to speak the language of computers! Campers will dive into the exciting world of computer coding through Scratch, developed by MIT. Scratch is a block-based application designed to make it simple for anyone to learn programming. Throughout the camp, coders create Minecraft-themed projects like an epic Ghast Busters battle game or a “choose your own adventure” story! The possibilities are endless!

ZAPA-300-1202 MINECRAFT MODING CAMP
Ages 9-14. Why just play Minecraft when you can create Minecraft? In this camp designed for quick learners or those with block-based coding experience, campers will learn how to code in Java by making a mod for Minecraft! This is professional, text-based coding. Create and then craft a sword out of mushy bananas, or spawn a flying golden cow. Make the full transition from player to content creator!

ZOUT-200-0401 SCHOOLYARD FARMS CAMP
Ages 6-12. You’re invited to come play with your food—and learn to love it, grow it and cook it! Campers transform into Schoolyard Farmers and experience a week on a one-acre urban production farm. Come explore the seeds, roots, sprouts, leaves, flowers and fruits that we’ll turn into farm-fresh recipes and enjoy eating each day. Farm arts and crafts activities, scientific inquiry and active play add up to an abundance of outdoor fun!

ZOUT-200-0409 TOURING KAYAK BEGINNING LESSON
Ages 11+. Youth 11-18 must be accompanied by an adult. This is a great introduction for beginners to the sport of kayak touring. Lesson includes discussion on kayak equipment, steering strokes, paddling, bracing and rescues. You’ll tour a local waterway and practice skills. Participants will use stable solo and tandem kayaks with big cockpits.

ZOUT-200-0410 TOURING KAYAK LESSON & LONG TOUR
Ages 11+. Youth 11-18 must be accompanied by an adult. Explore our local waterways in touring kayaks. These very stable, large cockpit and responsive kayaks will allow you to quickly become a proficient paddler. A brief introduction/lesson will be provided, so even the first timer will be ready for the tour. Trips go rain or shine. Offered by NW Discoveries.

Registration form on page 52.
## Travel/Trips/Tour

**MILWAUKIE CENTER TRAVEL DESK**

Enjoy the scenery, make new friends, and relax as we take you to exciting destinations. All trips depart from and return to the Milwaukie Center. Standing and walking are required on most trips. Wear comfortable shoes and dress appropriately for the weather. Bring money for lunch unless otherwise noted. The events listed below are currently on the travel schedule, but are subject to change. Please check with the Travel Desk for the latest information on times and costs by calling 503-794-8026.

**TILLAMOOK AIR MUSEUM & CREAMERY**

This is the home of a large wooden hangar originally constructed for the U.S. Navy as home base for blimps used in anti-submarine missions along the Pacific coast. View more than 30 aircraft, from World War I to an F-14 Tomcat. Bring money for lunch at Tillamook Creamery and the museum fee of $10, $9 for seniors. NCPRD $45, Non-Res. $57.

9am-4:30pm W 5/08

**OREGON HISTORICAL SOCIETY & CULINARY INSTITUTE**

Lunch at the Culinary Institute then onto the Oregon Historical Society. For more than a century, the Oregon Historical Society has served as the state's collective memory, preserving a vast collection of artifacts, photographs, maps and more. Bring money for lunch and the $5 museum entry fee. NCPRD $29, Non-Res. $37.

11:30am-3:30pm F 5/17

**MOUNT ST HELENS**

Visit the mountain that blew! Stop at the visitor center and take in the beautiful and expansive view. Next stop will be Patty’s Place at 19 Mile House for lunch. Bring money for lunch. NCPRD $45, Non-Res. $57.

8:30am-4:30pm W 6/5

**HIGHLAND STILLHOUSE**

Highland Stillhouse's unique decor is inspired by Scotland. Enjoy the cozy ambiance and delicious food. Bring money for lunch. NCPRD $12, Non-Res. $15.

11:30am-2pm TH 6/13

**JAPANESE GARDEN**

The Japanese Garden in Portland is considered the most authentic Japanese garden outside of Japan. Join us as we visit the recently expanded garden and have lunch at the Umami Café. Bring money for lunch and the fee to the garden of $14.50 for seniors, $16.95 for under 65. NCPRD $17, Non-Res. $22.

11:30am-3:30pm T 6/18

**LAN SU CHINESE GARDEN**

Join us for a stroll through the beautiful gardens with fountains and koi, followed by lunch at the authentic tea house where you can have tea and a light lunch. Bring money for the $9 seniors, $10 under 62 entry fee and lunch in the tea house. NCPRD $14, Non-Res. $18.

11am-2:30pm TH 7/11

**LANDMARKS OF THE GORGE CRUISE**

Cruise on the “Historic Columbia River Scenic Waterway” on the Columbia Gorge Sternwheeler. Glide past natural and historic landmarks, such as Multnomah Falls, Beacon Rock, Bonneville Locks and Dam. Your day will be complete with fresh Northwest cuisine. Cost of trip and lunch included in fee. NCPRD $110, Non-Res. $127.

7:45am-1:15pm W 7/17

**OREGON CULINARY INSTITUTE**

Come and enjoy a delicious lunch prepared and served by current Oregon Culinary Institute students. Lunch fee is included in registration fee. NCPRD $27, Non-Res. $34.

11:30am-2:30pm TH 7/25

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## Writing/Literature

**ZHWL-100-1200 CREATIVE WRITING**

This class stimulates creative thinking and stretches students’ abilities to see and write in fresh new ways. Age 62+ $53. Milwaukie Center

1-2:45pm W 6/26 8 $70 Arnold CLRM

**ZHWL-100-1201 YOUR STORY**

Learn how to preserve personal history by remembering and documenting special moments and all of life’s essential elements. No class July 4. Age 62+ $53. Milwaukie Center

1-2:45pm TH 6/27 9 $70 Arnold CLRM

## Oregon City

### COMMUNITY EDUCATION PROGRAMS

Please read carefully, some of the local businesses take their own registrations.

Registration form for Community Education classes on page 52.

For more class information & to register on line: OCSD62.ORG, click on OCCE logo (left side)

Eastham Community Center 1404 7th St. Oregon City

Office hours: 7am-4pm Mon-Fri Phone: 503-785-8520

For class locations, see page 54.

### Child Care/Activities

**ZFAM-200-0500 LET’S GO PLACES SUMMER DAY CAMP**

K-5th grade. Monday-Friday 7am-6pm. Check our website for updated information http://ochspioneers.org/driver-education/seasonal-camps. Space is limited. Registration Information online by May 15th. Contact Rachael for more information. 503-785-8520 ext 7309

Eastham Community Center

### Driver Education

**YDRE-100-0500 ODOT TEEN DRIVER EDUCATION SAFETY CLASS**

Age: 15-17. http://ochspioneers.org/driver-education for complete information, click on the calendar link to view dates. Student will also be assigned a drive lab in addition to the classroom time. Must have learners permit at time of registration. If student has a license/obtains license while taking class/or is 18-older before completing class, add $210 charged. Fee/reduced lunch eligible students receive a $75 discount on tuition. Refunds given up to 1 week prior to start date of class, minus $45 non-refundable fee, less than 1 week prior to start date, no refund. Oregon City High School

### Exercise/Fitness

**ZPED-400-0500 BEGINNING & INTERMEDIATE TAEKWON DO**

Age: 7-Adult. Traditional Korean martial art of self-defense with Will Coulter. Beginning students: Stretch/strengthen their bodies while learning basic strikes/blows/kicks. Completing beginner course, students will be well prepared for intermediate class. Intermediate student: ranked blue belt and above practice skills to strengthen your mind/body. No class 7/2 and 7/4. King Elementary

7:8-1:55pm TTH 6/18 10 $120 Coulter GYM
## Oregon City Community Education Programs

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
<th>Tuition Fee</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>Community Education</td>
<td>ZAPA-300-0500 LEGO MINDSTORM EV3 ROBOTICS</td>
<td>9am-12pm</td>
<td>TWTH</td>
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<tr>
<td>Community Education</td>
<td>YPED-300-0500 JAZZERCISE MEN &amp; WOMEN AGES 11-ADULT</td>
<td>9:45-10:45am</td>
<td>MWF</td>
<td>6/24</td>
<td>Staff</td>
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<td>Community Education</td>
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<td>3:30-4:30pm</td>
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<td>6/24</td>
<td>Staff</td>
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<tr>
<td>Community Education</td>
<td>YPED-300-0502 JAZZERCISE MEN &amp; WOMEN AGES 11-ADULT</td>
<td>6:30-7:30pm</td>
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<tr>
<td>Community Education</td>
<td>ZOUT-200-0500 BEGINNER 2 LESSONS-ENGLISH STYLE</td>
<td>3-4pm</td>
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<td>7/16</td>
<td>4</td>
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<td>ZOUT-200-0501 BEGINNER 2 LESSONS-ENGLISH STYLE</td>
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<tr>
<td>Community Education</td>
<td>ZOUT-200-0502 SCUBA DIVING</td>
<td>3-4pm</td>
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<td>7/16</td>
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<tr>
<td>Community Education</td>
<td>ZOUT-200-0503 ADVANCED SCUBA DIVER</td>
<td>2-3pm</td>
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<td>7/16</td>
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<td>$150</td>
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<td>Community Education</td>
<td>ZOUT-200-0504 TOURING KAYAK LONG TOUR/LESSON-NO TRANSIT</td>
<td>2-3pm</td>
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<td>Community Education</td>
<td>ZOUT-200-0505 TOURING KAYAK LONG TOUR/LESSON-NO TRANSIT</td>
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<td>7/19</td>
<td>4</td>
<td>$150</td>
<td>Staff</td>
<td>ARENA</td>
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## Sports/Outdoor Activities

### Oregon City Community Education Youth Sports

Call for information on all sports programs. 503-785-8520 ext: 7313  
Natasha Payne

### Highland Stables

Classes held in a Country setting, indoor/outdoor arenas w/ a warm viewing room for visitors at Highland Stables 16723 S. Williams Rd, Beavercreek. English style riding for balance (bases for all riding disciplines), helmets provided. Boots are required w/ 1 inch heel.

### ZOUT-200-0500 BEGINNER 1 LESSONS-ENGLISH STYLE

Age: 8-Adult. Beginners or those returning. Learn basic horsemanship skills in riding/care of horse/equipment.

2-3pm | T | 7/16 | 4 | $150 | Staff | ARENA |
2-3pm | W | 7/17 | 4 | $150 | Staff | ARENA |
2-3pm | TH | 7/18 | 4 | $150 | Staff | ARENA |
2-3pm | F | 7/19 | 4 | $150 | Staff | ARENA |

### Ecodive NW, LLC

To register or for questions: Ecodivenw@gmail.com or learn more about our program through our web page www.ecodivenw.com. Instructors are experienced professional educators.

### ZOUT-200-0503 ADVANCED SCUBA DIVER

Let your underwater adventure continue! Apply your scuba skills as you explore new dive sites & activities under the supervision of your NAUI Instructor. You will complete a minimum six open water dives/three separate dives for navigation/night/low visibility/deep diving plus three different specialty dives. $225 tuition, Books & e-learning materials $109.95. Open water $30 per dive plus lodging.

### NW DISCOVERIES

IMPORTANT: For complete information on each trip listed below, directions and meet locations and what to wear it is important to go to http://www.nwdiscoveries.com. Youth 11 years & older can register w/adult.

### ZOUT-200-0504 TOURING KAYAK LONG TOUR/LESSON-NO TRANSIT

Trip will be Willamette Falls & Locks 8:30am-12:30pm | S | 7/13 | 1 | $71 | Staff | RIVER |
Pick up point is Clackamette Park, Portland

### Stone Creek Golf Course

Stone Creek Golf Club is located at 14603 Stoneridge Drive, Oregon City, Oregon 97045. Phone: 503-518-4653.


### ZOUT-100-0500 JUNIOR GOLF CAMP 2017

Age: 7-11 & 12-17. Join the PGA Head Golf Professional, Doug Sue and staff to teach or re-enforce the fundamentals of the game of golf while having lots of fun! Lunch, t-shirt and prizes too. Grip-stance-full swing-chipping-putting-rules & etiquette will all be covered in the 3-day camp. August 13th all junior camp participants are invited to play in our junior camp tournament.

9am-12pm | TWTH | 7/9 | 3 | $135 | Suse | COURSE |
9am-12pm | TWTH | 7/23 | 3 | $135 | Suse | COURSE |
9am-12pm | TWTH | 8/6 | 3 | $135 | Suse | COURSE |
Oregon City Pioneer
COMMUNITY CENTER

Registration form for Community Education classes is on page 52.
Please Note: Pioneer Center registration begins on Tuesday, May 21 at 9:00am.
Payment—Cash or check preferred. Full payment is due before the first class begins.
Cancellations—Classes, programs or events may be cancelled due to lack of participation.
Refunds—A full refund will be given only if requested before the first day of class. No refund is given if a class has already begun. For class locations, see page 54. Phone: 503-657-8287
Classes held at Pioneer Community Center. Center is open Monday through Friday from 9am to 4pm. Closures: Monday, May 27 and Thursday, July 4

Arts/Crafts

ZAPA-100-1300 ACRYLIC & OIL PAINTING
Become an Artist and have fun! Beginners will learn fundamentals, brush techniques, shading composition and color mixing. Experienced artists learn latest in texture products & more. Pick up a supply list prior to first class. To register, call Shirlee at 503-722-3845 at least 1 week before class begins. Over 62 - $65. Please register at least 1 week before class begins. Over 62 - $70. No Class 6/27 & 7/4.
9:30-11:30am W 6/26 10 $65 Gannon CRAFT
12:30-2:30pm W 6/26 10 $65 Gannon CRAFT

ZAPA-300-1300 BUSY BEES
Have fun making crafts, sewing quilts, aprons, etc. for fundraisers. Group meets every Monday.
9am-12pm M Free Staff CRAFT

ZAPA-100-1302 WATERCOLOR PAINTING ALL LEVELS
Explore the exciting and challenging medium of transparent watercolor! Learn to mix colors, the basics of composition, elements of perspective, and drawing. All levels welcome. Please call Melissa at 503-557-3963 to register for class. Over 62 - $70. No Class 6/27 & 7/4.
10am-12:30pm TH 6/13 10 $100 Gannon CRAFT

ZAPA-100-1303 BEGINNING WATERCOLOR WORKSHOP
For beginners and anyone who wants to review watercolor techniques. Explore color by focusing on mixing, washes, and glazing techniques. Paint trees and do a value study. Everyone will complete several small paintings. Supplies provided. Please call Melissa at 503-557-3963 to register for class.
10am-1pm F 6/28 1 $65 Gannon CRAFT

ZAPA-100-1304 MIXED MEDIA SUNFLOWER WORKSHOP
Want to DESIGN with interesting shapes? Using acrylic inks and watercolors, we will create unique textures and colors to create one of a kind sunflowers. Bring watercolor supplies, acrylic inks and extra paper! Please call Melissa at 503-557-3963 to register for class.
10am-1pm TH 9/12 1 $65 Gannon CRAFT

Dance/Theatre

ZMMDT-300-1300 BALLROOM DANCING
Come and dance to the music of the Glenn Tadina 15-piece Big Band - waltzes, rumba, cha-cha, tango, etc. The Black Magic Band alternates every other Wednesday. $5 per person/per week.
12:45-3pm W 6/25 Tadina MP

ZMMDT-300-1301 LINE DANCING—BEGINNING
Learn line dance basics and simple dances even if you have two left feet. No partner needed. This class is ongoing. 50¢ fee per class.
12-1pm T Staff MP III

ZMMDT-300-1303 LINE DANCING—INTERMEDIATE
Learn all the latest line dance steps and some traditional ones as well. No partner needed. This class is ongoing. 50¢ fee per class.
1-3pm T Staff MP III

Exercise/Fitness

YPED-300-1300 ZUMBA FITNESS
This easy-to-follow Latin-inspired class is like a dance-fitness party. Dress comfortably, wear sneakers, and bring water. The first class is free for first timers. Please call Bev at 503-348-3842 for more information. $5 drop-in class. $20 5-class punch card
5:30-6:30pm W 6/25 11 $40 Bunting MP III

ZPED-700-1300 MINDFULNESS MEDITATION
Learn how to calm the mind while strengthening concentration with simple breathing methods and comfortable postures. This non-religious technique helps direct the mind to a chosen focus. For more information and to register contact Surja at 503-656-8910. $10 drop in.
7-8:30pm T S/7 11 $88 Tjahaja POOL
2-3:30pm T S/7 11 $88 Tjahaja POOL

Register with the Community Education Partner sponsoring your class.

www.clackamas.edu 71
YPED-400-1301  TAOIST TAI CHI TAIJIQUAN, BEGINNING
This internal martial art was developed to improve health through a gentle set of 108 movements. Turning and stretching exercises your whole body. Restores calmness and peace of mind. Wear flat shoes and loose clothing. To register call 503-220-3970 or email oregon@taoist.org. More information can be found at www.taoist.org. Suggested donation $140 (Over 60—$110).
6:30-7:30pm  M 5/20 16  Manning  MPIII

YPED-400-1302  TAOIST TAI CHI, INTERMEDIATE
This is a continuing/intermediate class for students who have taken the beginning class. Same description as previous class. Monthly donation suggested. To register call 503-220-5970 or email oregon@taoist.org. More information can be found at www.taoist.org.
7:30-9pm  M 5/20 16  Manning  MPIII

YPED-400-1300  TAI CHI, BEGINNING
9:10am  TTH 6/25 11  $150 Hancock  BASEMENT

YPED-400-1304  TAI CHI, CONTINUING
This class focuses on the completion and refinement of the Yang Style Long Form. Register at www.balance-harmony.com or call Nick at 503-266-9939. Over 55 $100.
10:40-11:40am  MW 6/24 11  $150 Hancock  MPIII

YPED-400-1305  TAI CHI STRAIGHTWORD
This beautiful, ancient practice improves strength, balance, flexibility, and coordination. We will be focusing on the Yang style Tai chi straight sword form and basic sword handling techniques. Over 55 $75. Swords can be ordered for an additional $25. Register at www.balance-harmony.com or call Nick at 503-266-9939.
10:30-11:30am  TH 6/27 11  $100 Hancock  MPIII

YPED-400-1303  QI GONG
Register at www.balance-harmony.com or call Nick at 503-266-9939. This moving meditation improves strength, flexibility, concentration and balance by combining gentle physical exercise and mental discipline. Beginners welcome. Over 55 $65.
10:30-11:30am  T 6/25 11  $100 Hancock  MPIII

YPED-100-1344  YOGA
Dress comfortably and bring a yoga mat. Work on flexibility, mobility and strength in a safe, supportive, fun class. Focus on breathing, technique and holding poses. No previous experience needed. To register, call Jenny at 971-400-6927. Over 62 $42.
5:30-6:30pm  TH 7/18 6  $48 Julfs  MPIII

YPED-100-1304  GENTLE YOGA
Feel better and reduce stress, no matter what your age or fitness level. This class provides all the benefits of yoga—meditation, breathing, stretching, strengthening and balance. Wear loose clothing, bring mat or blanket. Register in person at the Pioneer Center. Over 62 $74.
9:15-10:15am  TTH 6/25 11  $105 Quinlan  MPIII

ZHLT-200-1300  FOOT CARE CLINIC
Registered nurses offer pedicures for seniors and those with disabilities on the 1st and 3rd Tuesday and 2nd Friday of the month. Cost is $35 paid to the RN. Please bring two large towels. Please call 503-657-8287 ext “0” to make an appointment.
9:30am-3pm  TF  Staff  CRAFT

ZHLT-200-1301  AA SUPPORT GROUP
Come join in our Alcoholic Anonymous support group. Meets every Sunday in the Pioneer Center’s Basement.
1:30-3:30pm  SU  Staff  BASEMENT

ZHLT-200-1302  NARANON SUPPORT GROUP
Join in our Narcotics Anonymous support group. Meets every Thursday in the Pioneer Center’s Basement.
7:30pm  TH  Staff  BASEMENT

ZHLT-200-1303  ALZHEIMER’S SUPPORT GROUP
A caregivers’ support group for those whose loved ones are affected by Alzheimer’s and other types of dementia. Call 1-800-272-3900 for more information. Meets on the 1st and 3rd Wednesday monthly.
12-1:30pm  W  Staff  CLRMII

ZHLT-200-1304  GRIEF SUPPORT GROUP
Provides a safe place to share your thoughts, feelings and problems as you work through your grief. Please call 503-698-8911 for more information. Meets on 2nd and 4th Thursday each month.
1:30-3:30pm  TH  Petrie  CLRMII

ZHLT-200-1305  LUNCH AT THE COMMUNITY CENTER
Come join us for lunch with dessert bar served Monday-Friday from 11:30am-12:30pm in our dining room. Suggested donation (60+) is $3.00. Cost under 60 is $4.50. Call 503-657-8287 for more information.
11:30am-12:30pm  MF  Staff  DINE

ZHLT-200-1306  MEALS ON WHEELS PROGRAM
Provides home-delivered noon meals (Mon-Fri) to homebound 60+ seniors and Medicaid qualified people with disabilities in Oregon City and West Linn. Call Shirley Ryan at 503-722-5979 for more info. Volunteer substitute drivers needed.
TBA  MF  Staff  DINE

ZHLT-200-1307  GROCERY SHOPPING TRIPS
For those 60+ or people with disabilities. Suggested donation $1.00 each way. Call 503-657-8287 for a ride. We provide transportation to WinCo, Market of Choice, Fred Meyer, Albertsons, Grocer Outlet, and Safeway.
TBA  MF  Staff  TRANS

ZHLT-200-1308  TRANSPORTATION
For those 60+ or people with disabilities who reside in Oregon City and West Linn. Vans are lift-equipped. $1.00 donation each way. For those 60+ or people with disabilities in Oregon City. Call 503-657-8287 for a ride.
TBA  MF  Staff  TRANS

ZHLT-200-1309  BLOOD PRESSURE AND BALANCE TESTS
Blood pressure (Helping Hands Home Care) and balance testing (BenchMark Physical Therapy). No appointment needed. Please call 503-657-8287 for more information. 2nd Tuesday each month.
10am-12pm  T  Staff  CLRMII
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<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Time</th>
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<th>Begins</th>
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<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>ZHLT-200-1310</td>
<td>DIABETES SUPPORT GROUP</td>
<td>12-1pm</td>
<td>F</td>
<td>Staff</td>
<td>25¢ per card.</td>
<td>12:30-3pm</td>
<td>TH</td>
<td>Staff</td>
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<tr>
<td>ZMDT-200-1303</td>
<td>TRIPLE DECK PINOCHLE</td>
<td>Group meets every Friday. 25¢ fee. Pioneer Community Center</td>
<td>1-3:30pm</td>
<td>F</td>
<td>Staff</td>
<td>POOL</td>
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<tr>
<td>ZAPA-300-1305</td>
<td>SCRABBLE</td>
<td>Same description as Session 1. To register call Bill Price at 503-997-6568.</td>
<td>12:30-3:30pm</td>
<td>M</td>
<td>Staff</td>
<td>POOL</td>
<td>POOL</td>
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</tr>
<tr>
<td>ZAPA-300-1306</td>
<td>AMERICAN MAHJONG</td>
<td>New free drop in activity! Both experienced players and beginners are welcome! If you have your own set, please bring it.</td>
<td>12:30-3:30pm</td>
<td>M</td>
<td>Staff</td>
<td>POOL</td>
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<tr>
<td>ZTVL-100-1300</td>
<td>DAY TRIPS</td>
<td>Join us on our popular day trips! Must be 60 or older or have a disability. For complete details please call 503-657-8287 x0.</td>
<td>12:30-3:30pm</td>
<td>M</td>
<td>Staff</td>
<td>POOL</td>
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</tbody>
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**Special Interests/Hobbies**

**Music**

**ZMDT-200-1300 MUSIC MAKERS COMMUNITY CHOIR**
Come tune up your vocal cords and have fun too! Singing strengthens your body, mind and spirit. We are always looking for new members! Please call Mary Ann Rautio at 503-774-5333 or 503-758-8238 or chorus director Melinda Byers at 503-381-9827 for more information.

10am-12pm | Ongoing | $30 | Byers | MPIII |

**ZMDT-200-1304 MUSIC TOGETHER: MIXED AGES CLASS AGES 0-5**
Sing, dance, play and laugh with Music Together! Our playful environment is musically rich and always supportive of their learning styles and stages of development. ($65 siblings) For more information or to register contact Wendy at 971-678-6742 or valleykids-music@gmail.com.

9:30-10:15am | S | 7/13 | 5 | $99 | Reznicsek | BASEMENT |
10:30-11:15am | S | 7/13 | 5 | $99 | Reznicsek | BASEMENT |

**ZMDT-400-1308 BEGINNING UKULELE PART 1**
Ukulele is easy to play, inexpensive, and lots of fun! In this popular class you will quickly learn tuning, simple chords, and tons of songs. Tenor, Soprano, or concert GCEA tuning only. To register call Bill Price at 503.997.6568. Please provide your own ukulele.

1:15-2pm | M | 7/1 | 4 | $43 | Price | CLRMI |

**ZMDT-400-1309 BEGINNING UKULELE PART 2**
This class picks up where Part 1 left off. More great songs, strumming, and chords. Tenor, Soprano, or concert GCEA tuning only. To register call Bill Price at 503.997.6568.

1:15-2pm | M | 7/1 | 4 | $46 | Price | CLRMI |

**ZMDT-400-1310 BEGINNING GUITAR PART 1**
This fun and popular class is designed for the absolute beginner. Quickly learn basic chords, simple strumming patterns, EZ songs, chords, how to tune, basic techniques, etc. Please provide your own guitar. To register call Bill Price at 503.997.6568.

2-2:45pm | M | 7/1 | 3 | $43 | Price | CLRMI |

**ZMDT-400-1311 BEGINNING GUITAR PART 2**
This class picks up where Part 1 left off. More great songs, strumming, and chords. To register call Bill Price at 503.997.6568.

2-2:45pm | M | 7/1 | 4 | $46 | Price | CLRMI |

**ZMDT-400-1312 BEYOND BEGINNING UKULELE SESSION 1**
This fun class is for those who know several basic chords and how to play some songs. Beginning Ukulele classes recommended. Please bring your own ukulele. Materials needed: Jumpin' Jim's, The Daily Ukulele Songbook. To register call Bill Price at 503.997.6568.

12-1pm | M | 7/1 | 3 | $35 | Price | CLRMI |

**ZMDT-400-1313 BEYOND BEGINNING UKULELE SESSION 2**
Same description as Session 1. To register call Bill Price at 503.997.6568.

12-1pm | M | 7/1 | 4 | $46 | Price | CLRMI |

**ZMDT-400-1314 BEYOND BEGINNING GUITAR SESSION 1**
This fun class is for those who know several basic chords and how to play some songs. Beginning Guitar Parts 1 & 2 are recommended. Please bring your own guitar. To register call Bill Price at 503.997.6568.

2:45-3:30pm | M | 7/1 | 3 | $35 | Price | CLRMI |

**ZMDT-400-1315 BEYOND BEGINNING GUITAR SESSION 2**
Same description as Session 1. To register call Bill Price at 503.997.6568.

2:45-3:30pm | M | 7/1 | 4 | $46 | Price | CLRMI |
Oregon City Swimming Pool

The Oregon City Swimming Pool and Parks and Recreation has year-round activities such as lap swim, water exercise, water walking, recreation swim, and more in our indoor heated pool! We also have a large community room that we use for our group fitness classes and facility reservations! Please visit our website at www.orcity.org or call 503-657-8273 to verify what we have going on!

Oregon City Swimming Pool 1211 Jackson Street Oregon City, OR 97045
Office hours: 8am-4:30pm Phone: 503-657-8273

Exercise/Fitness

YPED-300-1500 H2O-X SHALLOW WATER EXERCISE
Work out in waist-to-hip-deep water that is easy on the joints and body. Admission per class: Res $4.25, Non-Res $5.50. 20 punch card: Res $55.00, Non-Res $82.75. Senior rates 62+ Res $4.00, Non-Res $5.00. 20 punch card: Res $36.50, Non-Res $54.75
8-9am MWF 6/17 11 Staff POOL
6:15pm-7:15pm TTH 6/18 11 Staff POOL

YPED-300-1501 H2O-X DEEP AQUATIC EXERCISE
Exercise without impacting your joints and in building strength and flexibility. Good for those recovering from surgery and joint injuries, expecting mothers and anyone looking for a fun and exciting workout. Admission per class: Res $4.25, Non-Res $5.50. 20 punch card: Res $55.00, Non-Res $82.75. Senior rates 62+ Res $4.00, Non-Res $5.00. 20 punch card: Res $36.50, Non-Res $54.75
8-9am MWF 6/17 11 Staff POOL
6:15pm-7:15pm TTH 6/18 11 Staff POOL

YPED-300-1502 H2O-X SHALLOW STRETCHING AND LIGHT CARDIO
This program combines the buoyancy of water and the soothing warmth of our heated pool, to offer a safe, ideal environment for relieving arthritis pain and stiffness. Gentle movements used in the program increase joint flexibility and range of motion while restoring or maintaining muscle strength. Admission per class: Res $4.25, Non-Res $5.50. 20 punch card: Res $55.00, Non-Res $82.75. Senior rates 62+ Res $4.00, Non-Res $5.00. 20 punch card: Res $36.50, Non-Res $54.75
8-9am MWF 6/17 11 Staff POOL

Health/Wellbeing/Safety

YHLT-300-1500 RED CROSS LIFEGUARD TRAINING
Fee includes instruction, pool time and certificates. Participants are trained in safety and water rescue skills for controlled environment, first aid, CPR/PR and AED. Please register through Melissa at 503-974-5516 or online at www.orcity.org. Res. $127.50 Non-Res. $148.50. Oregon City Swimming Pool.
8am-5pm SSU Staff POOL

Art/Crafts

ZAPA-100-0601 BASIC PHOTOGRAPHY
This 2-hour class is an overview of how modern digital and film cameras function. This class is the first two hours of the advanced class. Bring camera and manual. Res. $50, Non-Res. $55. West Linn High School
7-9pm M 7/29 1 Guvenir CLRM

ZAPA-100-0602 ADVANCED PHOTOGRAPHY
You'll be an "advanced" photographer after this class. Learn everything you need to know to be in complete control of your photography and create the images you want. This class is open to photographers of all levels with any camera. Bring camera and manual. Res. $115, Non-Res. $120. West Linn High School
7-9pm MTW 7/29 3 Guvenir CLRM

Oil Painting

Using simple, step-by-step teaching method, Judy takes you from a blank canvas to a completed masterpiece in one class. These classes work for beginners to seasoned painters. All supplies are provided: all you do is show up, have fun, and take your masterpiece home to show it off!
ZAPA-100-0603 OIL PAINTING
In one class you create a masterpiece from a blank canvas. All materials provided. To view the name and image of painting, go to www.wetpaints.com. Res. $58, Non-Res. $63. West Linn Adult Community Ctr
5:30-9pm TH 6/13 1 Stubb CLRM
10am-2pm S 6/22 1 Stubb CLRM
5:30-9pm TH 7/18 1 Stubb CLRM
10am-2pm S 7/27 1 Stubb CLRM
5:30-9pm TH 8/15 1 Stubb CLRM
10am-2pm S 8/24 1 Stubb CLRM

Childcare/Activities

ZOUT-200-0600 FUN IN THE SUN - DAY CAMP
Age 6-12. Fun in the Sun is an exciting recreation day camp. This multi-week program is designed to provide fun and exciting enrichment activities for youth including sports, games, arts & crafts, and more. A weekly field trip to various local activities and presenters brought in. Bring a sack lunch, water bottle, sunscreen, appropriate clothing and towel for spray pool. Choose from the camps below. Res. $110, Non-Res. $115, $20 discount for multiple child discount. No Camp July 4. Willamette Park

9am-3pm M-F 6/17 1 Staff PARK
9am-3pm M-F 6/24 1 Staff PARK
9am-3pm M-F 6/30 1 $66/$71 Staff PARK
9am-3pm M-F 7/7 1 Staff PARK
9am-3pm M-F 7/14 1 Staff PARK
9am-3pm M-F 7/21 1 Staff PARK
9am-3pm M-F 7/28 1 Staff PARK
9am-3pm M-F 8/4 1 Staff PARK
9am-3pm M-F 8/11 1 Staff PARK
9am-3pm M-F 8/18 1 Staff PARK
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<th>Wks.</th>
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<th>Instructor</th>
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<tr>
<td>ZOUT-200-0601</td>
<td>MINI CAMPERS</td>
<td>9am-12pm</td>
<td>M-F</td>
<td>6/17</td>
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<td>ZOUT-200-0601</td>
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<td>9am-12pm</td>
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<td>8/12</td>
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<td>Staff</td>
<td>PARK</td>
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<tr>
<td>ZOUT-200-0602</td>
<td>SHORTY SPORTY CAMPS</td>
<td>12:30-3:30pm</td>
<td>M-W</td>
<td>7/1-7/3</td>
<td>$33/$38</td>
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<td>SHORTY SPORTY CAMPS</td>
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<td>8/19</td>
<td>1</td>
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<td>Staff</td>
<td>PARK</td>
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**ZOUT-200-0603 ALL DAY OPTION**

Register for Both sessions of Mini- Campers and Shorty Sporty Camp, stay and play during a supervised lunch. Res. $108, Non-Res. $113.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 9am-3:30pm M-F 6/17 1 Staff PARK
  - 9am-3:30pm M-F 7/22 1 Staff PARK
  - 9am-3:30pm M-F 8/12 1 Staff PARK
  - 9am-3:30pm M-F 8/19 1 Staff PARK

- **Robinwood Park, 3600 Fairview Way, West Linn**
  - 9am-3:30pm M-F 7/15 1 Staff PARK
  - 9am-3:30pm M-F 8/12 1 Staff PARK
  - 9am-3:30pm M-F 8/19 1 Staff PARK

**ZFAM-200-0601 MANNERS MATTER**

Learn the importance of being polite in all situations. Set the table, practice proper greetings and handshake. Learn the polite way to enter a conversation and to write thank you notes. Learn the importance of being a polite host/hostess and guest. Practice good manners throughout the week and share about those experiences at class. Res. $60, Non-Res. $65. Adult Community Center.

- **Manners Matter ages 5-7 years**
  - 9-10:30am S 8/3 2 Spellecy CLRM
  - 9am-3:30pm M-F 7/1-7/3 | $66/$71 | Staff | PARK |

**ZFAM-200-0604 LEGO JR.-GALAXY VOYAGE**

Age 4-6. One of the wonderful parts about childhood is discovering all the amazing animals that live on the planet. We will learn about animals and their habitat through building models of animals with Legos, while learning about what makes these animals special and unique. Res. $155, Non-Res. $160. Rosemont Ridge Middle School.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 9am-12pm M-F 7/15 1 YMCA A103
  - 9am-12pm M-F 8/5   1 YMCA A103
  - 9am-12pm M-F 7/15   1 YMCA A103
  - 9am-12pm M-F 8/5  1 YMCA A103

**ZAPA-300-0606 CODING WITH LEGOS**

Age 7-12. Explore the building blocks of coding with Legos! Campers will build various projects such as robots, cats and guitars and create a unique code to make their projects come to life. Res. $220, Non-Res. $225. Rosemont Ridge Middle School.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 9am-12pm M-F 6/17 1 YMCA CLRM

**ZFAM-200-0602 LEGO JR.-INTO THE WILD**

Age 7-12. Not just any Legos. Student engineers will build machines with motors, cars and robots that move and experiment with simple machines. Res. $220, Non-Res. $225. Sunset Firehall, Upstairs.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 9am-12pm M-F 7/22 1 YMCA A103

**ZAPA-300-0604 LEGO ENGINEERING-CORE CONCEPTS CAMP**

Age 7-12. Join us and see how fun engineering can be! Build various projects from simple machines to robots. Res. $220, Non-Res. $225. Sunset Fire Hall.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 9am-12pm M-F 6/17 1 YMCA CLRM

**ZFAM-200-0602 LEGO JR.-GALAXY VOYAGE**

Age 4-6. 5, 4, 3, 2, 1 Blast Off! Travel through while we explore the galaxy. Res. $155, Non-Res. $160. Sunset Fire Hall.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 9am-12pm M-F 6/17 1 YMCA CLRM

**ZFAM-200-0604 LEGO JR.-GALAXY VOYAGE**

Age 4-6. 5, 4, 3, 2, 1 Blast Off! Travel through while we explore the galaxy. Res. $155, Non-Res. $160. Sunset Fire Hall.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 9am-12pm M-F 6/17 1 YMCA CLRM

**ZFAM-200-0606 INVENT IT, BUILD IT**

Age 7-12. This camp will rev up that inventive spirit! Each day we'll have a new design and new inventions. Kids will design, test and tweak their inventions while working through the scientific method. Res. $220, Non-Res. $225. Sunset Fire Hall.

- **Tanner Creek Park, 3456 Parker Rd., West Linn**
  - 8:30am-2:30pm M-F 8/12 1 YMCA CLRM
### Community Education

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
<th>Tuition Fee</th>
<th>Instructor</th>
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<td>STOP MOTION ANIMATION</td>
<td>9am-12pm</td>
<td>M-F</td>
<td>8/17</td>
<td>1</td>
<td>$240</td>
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<td>9am-12pm</td>
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<td>M-F</td>
<td>6/17</td>
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<td>9am-12pm</td>
<td>M-F</td>
<td>6/24</td>
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<td>9am-12pm</td>
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<td>9am-1pm</td>
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<td>9am-1pm</td>
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<td>8/19</td>
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<td></td>
<td>Staff</td>
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</tbody>
</table>

### Registration form on page 52.
### Culinary

**ZEA-100-0603 BAKING CAMP**
Age 7-12. Taught by YMCA staff. Students will explore different baking methods with sweet and savory recipes. Cookies, cakes and pies, Oh My! Res. $220, Non-Res. $225. Sunset Fire Hall
8:30am-2:30pm M-F 6/24 1 YMCA CLRM

**ZEA-100-0604 Y CHEF AROUND THE WORLD**
Age 7-12. Taught by YMCA staff. No passport required to take this culinary journey around the world. Our chefs will learn about creating recipes, nutrition and using cooking utensils all while cooking new and exciting cuisine from all around the world. Res. $220, Non-Res. $225. Sunset Fire Hall, Downstairs
8:30am-2:30pm M-F 7/16 1 YMCA CLRM

**ZEA-100-0605 Y BREAKFAST**
Age 7-12. Breakfast is the most important meal of the day! Students will explore different recipes that will help start their day off right. Taught by YMCA staff. Res. $130, Non-Res. $135. Sunset Fire Hall
8:30am-2:30pm M-F 7/1 1 YMCA CLRM

**ZEA-100-0606 STORYBOOK Y CHEF**
Age 4-6. Taught by YMCA staff. Campers will bring favorite childhood books to life with games, crafts and food. After reading the story they will create a recipe inspired by the book. Res. $155, Non-Res. $160. Sunset Fire Hall, Downstairs
9am-12pm M-F 7/29 1 YMCA CLRM

**ZEA-100-0607 CHEFS IN TRAINING**
Age 7-12. Taught by YMCA staff. Become a chef extraordinaire! This camp will teach children how to make quick, yummy foods that can be enjoyed by the whole family. Res. $220, Non-Res. $225. Sunset Fire Hall
8:30am-2:30pm M-F 8/5 1 YMCA CLRM

**COOKING WITH SURJA TJAHAJA**
Age 18-Adult. West Linn Adult Community Center. IC/$40 OC/$45 per person per class. MATERIALS FEE: $10 (payable directly to instructor at class).
Due to ordering time for specialty items, class registration closes 10 days prior to scheduled class. Every class has a minimum of 3 students.

**MY FAVORITE STREET FOOD**
The winter class highlight of Portland Asian Street Food was so well received that we had to open new classes to accommodate the demand. If you think “Street Food” is delicious and easy to prepare, we agree. I grew up eating those fabulous street foods while living in several countries in Asia. I think you will love the selections I am offering this summer which are three of my personal favorite dishes.

**ZEA-100-0608 MARTABAK**
Martabak (beef curry pancake) and ACAR (cucumber pickles) is my favorite street food. You will learn how to make the curry ground beef, egg, and onions, sandwiched between crispy eggroll sheets fried in olive oil and butter. We will also learn to make the typically served side dish, cucumber pickles.
10am-1:30pm SU 6/30 1 Tjahaja CLRM

**ZEA-100-0609 OSAKA STYLE OKONIYAKI**
A favorite of mine when living in Japan. Until today people would make this dish on their dinner table together with their loved ones as its romantic to cook this simple dish together. It’s a perfect summer dish with its savory flavor. This Osaka style pancake has vegetables and seafood in it, served with a special sauce.
10am-1:30pm SU 7/21 1 Tjahaja CLRM

**ZEA-100-0610 MIE KANGKUNG GORENG**
I love noodles, but this is my favorite. The inclusion of Kangkung also known as Oon Choy or Hollow Spinach and also goes by the name Water Spinach can be found in your local Asian Market and its quality is peak in the summer. The dish is cooked with pork and Indonesian sweet soy sauce pan fry with spices.
10am-1:30pm SU 8/18 1 Tjahaja CLRM

### Dance/Theater

**ZMDT-300-0606 AERIAL PLAYGROUND**
Age 4-6. Tiny Fly. Get comfortable upside-down, sideways, and backwards! This class will create a fun and safe environment for students to develop body awareness, basic aerial skills, and locomotion patterns founded on play and imagination. Parent showing on the last day of camp. avoidance.org. Res. $160, Non-Res. $165. Mary S Young Park
11am-12:30pm M-F 7/8 1 AWOL SHELTER
10am-11:30am M-F 7/29 1 AWOL SHELTER

**ZMDT-300-0608 AERIAL PLAYGROUND**
Age 7-11. Youth Fly. Flip your summer upside down! Spend the week learning to climb, invert, and fly on multiple aerial apparatuses. During camp students will learn fun new aerial tricks, develop tumbling and dance skills, and utilize their creativity and expression. Parent showing on the last day of camp. avoidance.org. Res. $300, Non-Res. $305. Mary S Young Park
10am-1pm M-F 7/8 1 AWOL SHELTER
10am-1pm M-F 7/18 1 AWOL SHELTER
10am-1pm M-F 7/29 1 AWOL SHELTER
10am-1pm M-F 8/5 1 AWOL SHELTER

**ZMDT-300-0612 AERIAL PLAYGROUND**
Age 12-17. Teen Fly. Take your summer up to the next level! Learn to climb, invert and fly on multiple aerial apparatuses in the trees. This camp will teach students aerial tricks and transitions, develop tumbling and dance skills, as well as utilize their creativity and expression. Parent showing on the last day of camp. avoidance.org. Res. $300, Non-Res. $305. 7/22 Res. $240 Non-Res $245 Mary S Young Park
10am-1pm M-F 8/5 1 AWOL SHELTER
10am-1pm M-F 7/15 1 AWOL SHELTER
10am-1pm M-TH 7/22-7/25 1 AWOL SHELTER
1pm-4pm M-F 8/5 1 AWOL SHELTER

**ZOUT-100-0600 TUMBLING**
Age 4-6. This class will focus on beginner dance tumbling, flexibility and poses. Students will incorporate some beginner tumbling into their dancing, like rolls, handstands and cartwheels. Res. $48, Non-Res. $53. Sunset Firehall
10-11am M-W 6/24 1 Staff UPSTAIRS
11am-12pm M-W 6/24 1 Staff UPSTAIRS

**ZOUT-100-0602 TUMBLING**
Age 10 & up. Work on some skills and build your confidence and technique through great tumbling skills. Res. $48, Non-Res. $53. Sunset Firehall
12-1pm M 6/24 1 Staff UPSTAIRS

**ZMDT-100-0600 BROADWAY HITS SONG & DANCE CAMP**
Age 6-13. Are you a ham? Love to Perform? This camp is for you! At Van De Veere Productions, we love our musical theater! Come and sing the hits of Broadway. Sunset Firehall
4-4:45pm M-F 8/19 1 $70/$75 Staff CLRM
Ages 6-8
4:45-5:30pm M-F 8/19 1 $70/$75 Staff CLRM
Ages 9-14
1:30-2:15pm W-F 8/14 1 $42/$47 Staff CLRM
Ages 7-13

**ZMDT-300-0610 TINY TUTUS BALLET CAMP**
Age 3-5. Learn to dance like a Disney Princess! Your little one will find the turns, twirls and jumps in this class to be just what they need to become their very own Disney princess! Res. $60, Non-Res. $65. Sunset Firehall
3:30-4 pm M-F 8/19 1 Staff CLRM

**ZMDT-300-0611 TINY TUTUS BALLET CAMP**
Age 4-6. Learn to dance like a princess! Your little one will find the turns, twirls and jumps in this class to be just what they need to become their very own Disney princess! Res. $60, Non-Res. $65. Sunset Firehall
10:30-11pm M-F 7/16 1 Staff CLRM
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
<th>Tuition Fee</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZMDT-300-0612</td>
<td>DANCE TECHNIQUE BOOT CAMPS</td>
<td>5:30-6:30pm</td>
<td>M-F</td>
<td>8/19</td>
<td>1</td>
<td>Staff</td>
<td>CLRM</td>
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<td>Age 12 &amp; up. Keep up your skills with Miss Kathleen by stretching and mastering your jazz skills. Summer camps offered for beginning to advanced dancers. Work techniques across the floor and work your turns, leap and new floor tricks. Res. $80, Non-Res. $85</td>
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<td>Sunset Fire Hall</td>
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<tr>
<td>ZPED-100-0600</td>
<td>WELLNESS-GENTLE YOGA</td>
<td>9:15-10:15am</td>
<td>T</td>
<td>6/14</td>
<td>1</td>
<td>$36/$51</td>
<td>Liisa</td>
<td>STUDIO</td>
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<td>Slower-paced, and great for beginners and intermediate students. Props are provided, helping students practice comfortably. Exercise &amp; Fitness</td>
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<td>West Linn Adult Community Center</td>
<td>6:30-8:30 pm</td>
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<td>6/25</td>
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<td>Staff</td>
<td>Foster</td>
<td>CLRM</td>
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<td>Ages 7-12. This camp will focus on increasing speed and agility through fitness, games and drills. Res. $155, Non-Res. $160 Marylhurst Heights Park</td>
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<td>ZMDT-300-0617</td>
<td>TAP DANCE CAMP</td>
<td>1-2pm</td>
<td>M-F</td>
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<td>1</td>
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<td>CLRM</td>
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<td>Age 5-8. Beg/Int. Come and work on your tap dancing skills this summer with Miss Christine. Res. $80, Non-Res. $85</td>
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<td>ZMDT-300-0618</td>
<td>BEGINNING HIP HOP CAMP</td>
<td>2-3pm</td>
<td>M-F</td>
<td>7/22</td>
<td>1</td>
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<td>CLRM</td>
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<td>Age 6-10. Get your groove on this summer. This camp is great for new dancers to the studio and dancers who have been in hip hop and play and beginning hip hop! Res. $80, Non-Res. $85</td>
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<td>ZMDT-400-0603</td>
<td>KEYBOARD PREP INTRO</td>
<td>6:30-8:30 pm</td>
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<td>6/25</td>
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<td>Foster</td>
<td>CLRM</td>
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<td></td>
<td>Age 8-11. Keyboard Prep is an exciting introduction to piano playing for the older beginner. Sessions include ear training, solfege singing, note reading, solo and ensemble playing-a great class for continuing study. Res. $85, Non-Res. $90. Harmony Road Music Center</td>
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**Register with the Community Education Partner sponsoring your class.**

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<th>Course No.</th>
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<th>Days</th>
<th>Begins</th>
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<td>CORE STRENGTH</td>
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**Family Life/Children**

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**Media/Science/Technology**

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<td>ZPAM-300-0314</td>
<td>FOLLOW ME ROBOT</td>
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**Community Education**

[www.clackamas.edu](http://www.clackamas.edu)
West Linn Parks and Recreation

ZFAM-200-0626 BRICK BUILDING WITH LIGHTS AND SOUND
Age 7-12. How about becoming an architect and electronics scientist? Combine everything into one. Make endless combinations of brick construction and electronics. Invent anything and make it work all by doing it the Scienstival Way! Res. $176, Non-Res. $181
1-4pm M-F 7/22 1 Scienstival RMST401

ZFAM-200-0627 CHEMICAL MAGIC
Age 6-11. Learn to make batteries from fruits or potatoes. Make a fantastic crystal tree. Work with invisible ink. See happy and sad balls. Work with our powerful magnets. Res. $176, Non-Res. $181
9am-12pm M-F 8/12 1 Scienstival

ZFAM-200-0628 EGYPTIAN DIG
Age 6-11. Buried Treasure Digs—Children discover the amazing science of Archaeology as they uncover ancient artifacts. You will learn about Egyptian life and excavate with tools like a real archaeologist uses. Res. $176, Non-Res. $181
1-4pm M-F 8/12 1 Scienstival

Sports/Outdoor Activities

ZOUT-100-0603 SUDY SOCCER CAMP
Ages 6-12. Camp emphasis is on dribbling, heading, setting up plays, shooting, passing, ball control, more. Campers divided by age to receive proper coaching. Res. $105, Non-Res. $115, Mary S Young Park, West Linn
9am-1pm M-F 8/19 1 $105/$110 Sudy FIELD

ZOUT-100-0604 JUNIOR CO-ED BASKETBALL & AGILITY CLINIC
Ages 8-10 This class is for athletes of all levels looking to work on speed and agility, as well as basketball skills and coordination. First half of clinic will focus on dynamic warm-up and agility. The second half will blend focused basketball skill development and concepts. Fee $115/120. Sunset Primary School
5-6:30am TU 6/22 2 Corso GYM

ZOUT-200-0611 PADDLE SPORTS CAMP
West Linn Parks and Rec is excited to partner with eNRG Kayaking this year to bring paddle sports to day camps. ACA Certified instructors will oversee the camp, and instruct youth on proper paddling and river safety techniques for canoeing, kayaking and stand up paddle boarding while incorporating fun games to ensure an exciting day for campers. Split by age groups on day one. Res. $225, Non-Res. $250 Willamette Park
10am-3pm M-W 6/24 1 $225/$230 eNRG PARK
10am-3pm M-W 7/8 1 $225/$230 eNRG PARK
10am-3pm M-W 7/22 1 $225/$230 eNRG PARK

ZFAM-200-0629 NINJA WARRIOR PARKOUR
Age 9-14. Learn to jump, vault, tumble, bounce and spin your way under and through whatever obstacles and features you come across. Campers build strength, timing, balance, flexibility and explosiveness as instructors take participants through a challenging and fun progression of skills and exercises. Instructors incorporate obstacle courses, martial art forms, acrobatic movements and props to learn and choreograph key parkour and free running movements. The week ends with a final showcasing of skills. Bring appropriate clothing, snacks and lunch. For details on course content and logistics call Dan Coyle, 541-760-0774. $355. Mary S. Young Park
9am-4pm M-F 7/8 1 Staff PARK

ZOUT-100-0605 KIDZ LOVE SOCCER
Age appropriate skills taught in soccer. Kids Love Soccer has been executing a successful and fun program since 1972. Includes activities, fun games and instructional scrimmages. Each participant receives a Kid’s Love Soccer jersey. 8 weeks S99/104, 7 weeks $89/94. Tanner Creek Park
6:30-6:30pm W 6/19 8 Ages 2-3.5 Staff Field
5:15-5:50pm W 6/19 8 Ages 3.5-S Staff Field
4:30-5:15pm W 6/19 8 Ages 5-6 Staff Field
3:45-4:30pm W 6/19 8 Ages 7-10 Staff Field
9:30am-9:45am S 7/13 7 Ages 2-3.5 Staff Field
9:45am-10:15am S 7/13 7 Ages 3.5-S Staff Field
10:15-11am S 7/13 7 Ages 5-6 Staff Field
11-11:45am S 7/13 7 Ages 7-10 Staff Field

ZOUT-100-0614 JORDAN KENT SKILLS CAMPS
Multi-sport week-long camps offering beginning to intermediate fundamental training in football, soccer, or basketball where your camper will participate in skill training, agility training, games, and nutrition education, all while basking in our exciting and engaging camp atmosphere! Both options include a t-shirt and post camp goodie. Half day (9am-1pm) $149.50 Full day (9am-3pm) $179.95/ Location TBD
9am-3pm W 7/8 4 Staff Field
9am-3pm W 8/5 4 Staff Field

City of Wilsonville
PARKS AND RECREATION

Wilsonville Parks & Recreation is proud to offer a wide range of classes, activities and events for the whole family! You may register online or in person. For more information, call 503-783-PLAY or go to www.WilsonvilleleParksandRec.com.

Driver Education

YDRE-200-0701 AARP SMART DRIVER
In two 3-hour sessions obtain a comprehensive review of safe driving techniques. Insurance companies often provide discounts for completing this course. You must attend both dates of class. $15 AARP members/$20 non-members. Wilsonville Community Center
9am-12pm F 6/21 2 $5 AARP CLRM

Exercise/Health

YPED-100-0701 GENTLE BEGINNER YOGA
This calming, stress relieving yoga class is designed to strengthen the body, while building balance, mobility, agility, stability and flexibility. Use of chairs or other props are available. Wilsonville Community Center
8:30-9:30am T 7/9 6 $42 McDaniel CLRM

YPED-100-0702 HATHA YOGA
In Hatha yoga you will practice a series of traditional postures including: seated, standing, prone, inversions, along with breath practices meant to align the structure of the body. Although this class is open to all levels, previous yoga experience is helpful. Please bring your own yoga mat. All other props are provided. Wilsonville Community Center
8:30-9:30am TH 7/11 6 $42 McDaniel CLRM

YPED-100-0703 YOGA- RELAX, RENEW, & ALIGN
Emphasis on using yoga to bring ease to our bodies, developing strength and flexibility with careful attention to alignment. This class uses props (bolsters, blocks, belts and blankets provided) to set up positions. Please bring your own mat. Wilsonville Community Center
5:30-6:30pm T 6/18 11 $88 Cohen CLRM

YPED-100-0704 SLOW VINAYASA YOGA
Mindfully flow from one pose to the next using your breath as your guide. Develop flexibility, strength, and balance. A focus on proper alignment paired with a non-judgmental attitude provides a safe, welcoming, and fun environment to practice yoga. Please bring your own mat. Wilsonville Community Center
6-7pm TH 7/11 8 $65 Ante-Marandi CLRM

YPED-100-0705 SUMMER SOLSTICE YOGA WORKSHOP
Celebrate the longest day of the year and the beginning of summer with a special yoga workshop. Through yoga asana, breathing exercises, meditation, and journaling, we will reflect and set intentions and then move on our mats to awaken the core and purify the body and mind. Please bring your own mat, journal, and pen. Wilsonville Community Center
9-10:30am S 6/22 1 $25 Ante-Marandi CLRM

Registration form on page 52.
Register with the Community Education Partner sponsoring your class.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
<th>Tuition Fee</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>YPED-100-0706</td>
<td>FREE YOGA IN THE PARK</td>
<td>9:30-9:20am</td>
<td>MWF</td>
<td>7/8</td>
<td>7</td>
<td>$63</td>
<td>Moore</td>
<td>CLRM</td>
</tr>
<tr>
<td>YPED-200-0702</td>
<td>CARDIO, CORE, STRENGTH &amp; STRETCH</td>
<td>6-7pm</td>
<td>M</td>
<td>7/3</td>
<td>9</td>
<td>$69</td>
<td>Moody</td>
<td>CLRM</td>
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<tr>
<td>YPED-400-0706</td>
<td>BEGINNING TAI CHI</td>
<td>1-2pm</td>
<td>TTH</td>
<td>7/9</td>
<td>7</td>
<td>$65</td>
<td>Lusk</td>
<td>CLRM</td>
</tr>
<tr>
<td>ZOUT-100-0701</td>
<td>PICKLEBALL</td>
<td>10am-12pm</td>
<td>S</td>
<td>6/8</td>
<td>2</td>
<td>$70</td>
<td>Johnson</td>
<td>CRTS</td>
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</table>

**Health/Well-Being/Safety**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
<th>Begins</th>
<th>Wks.</th>
<th>Tuition Fee</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZHLT-200-0700</td>
<td>BLOOD PRESSURE CHECK</td>
<td>11am-12pm</td>
<td>W</td>
<td>7/3</td>
<td>1</td>
<td>Johnston</td>
<td>CLRM</td>
<td></td>
</tr>
<tr>
<td>ZHLT-200-0702</td>
<td>MEDICARE 101: EXTRA HELP</td>
<td>10am-11:30am</td>
<td>T</td>
<td>7/9</td>
<td>1</td>
<td>Dunham</td>
<td>CLRM</td>
<td></td>
</tr>
<tr>
<td>ZHLT-200-0704</td>
<td>PERSONAL SAFETY</td>
<td>10am-11:30am</td>
<td>T</td>
<td>7/9</td>
<td>1</td>
<td>Dunham</td>
<td>CLRM</td>
<td></td>
</tr>
<tr>
<td>ZHLT-200-0705</td>
<td>ESTATE PLANNING 101</td>
<td>10am-11:30am</td>
<td>T</td>
<td>7/2</td>
<td>1</td>
<td>2</td>
<td>Clackamas County Sheriff's Office</td>
<td>CLRM</td>
</tr>
<tr>
<td>ZHLT-200-0706</td>
<td>A DOORWAY TO SUPPORT, WELLNESS, AND COMMUNITY</td>
<td>10am-11:30am</td>
<td>T</td>
<td>7/23</td>
<td>1</td>
<td>Rose</td>
<td>CLRM</td>
<td></td>
</tr>
<tr>
<td>ZHLT-200-0707</td>
<td>ALZHEIMER'S EDUCATION</td>
<td>10am-11:30am</td>
<td>TH</td>
<td>7/11</td>
<td>1</td>
<td>Alzheimer's Association</td>
<td>CLRM</td>
<td></td>
</tr>
</tbody>
</table>

For more information, visit www.clackamas.edu.
### ZHLT-200-0708  WEIGHT LOSS SUPPORT GROUP
This support group helps people navigate a path towards becoming healthier by losing weight and increasing physical activity. Group members will be able to rely on each other to help with inspiration and the belief they can sustain motivation and be successful. Wilsonville Community Center
12:30pm-1:30pm F Ongoing  Moore  CLRM

### Arts/Crafts

#### ZAPA-100-0701  EXPLORING WATERCOLOR
Class will explore watercolor painting, materials, techniques, and a bit of art history. Projects are directed toward the needs of the students with care taken to address beginners and advanced designs. In an effort to keep costs down, students will be asked to bring in their supplies. Wilsonville Community Center
10:10am-12:10pm T 7/2 7  $63  Luneke  CLRM

#### ZAPA-100-0702  OIL PAINTING
Ages 12 and older. This class is taught by Judy Stubb who has been painting for 11 years and is a certified Bob Ross Floral Instructor. Each class is a different painting. All supplies are provided. Wilsonville Community Center
5:30pm-9pm T 7/2 1  $50  Stubb  CLRM
10am-2pm S 7/13 1  $50  Stubb  CLRM
5:30pm-9pm T 8/6 1  $50  Stubb  CLRM
10am-2pm S 8/10 1  $50  Stubb  CLRM

### Music/Dance

#### ZMDT-300-0701  BALLROOM DANCING FOR COUPLES
Explore Swing, Rumba, and more through this 11-week dance course with your partner. This is not an exercise course and we don't plan on sweating. Please wear something comfortable that you would choose to wear on a date night out dancing with your favorite person. No class 7/3. Wilsonville Community Center
7:30-8:30pm W 5/15 11  $176  Fidanzo  CLRM
7:30-8:30pm W 7/17 11  $176  Fidanzo  CLRM

#### ZMDT-300-0702  LINE DANCING
Learn line dancing with easy steps in a relaxed atmosphere. Ultra Basic class is at 5:30pm, Beginner class is at 6:30pm, Intermediate class is at 7:30pm, and Partner dance class is at 8:30pm. Wilsonville Community Center
5:30pm-6:30pm F 5/10 8  $75  Schmaltz  CLRM
6:30pm-7:30pm F  5/10 8  $75  Schmaltz  CLRM
7:30pm-8:30pm F  5/10 8  $75  Schmaltz  CLRM
8:30pm-9:30pm F  5/10 8  $75  Schmaltz  CLRM

#### ZMDT-400-0701  UKULELE JAM GROUP
All skill levels welcome to drop-in to this group. Beginners will learn basic technique; advanced players will take us to new musical horizons. If you're brand new to the Ukulele, members will take some time assessing the overall level and make sure everyone gets what they came for without being overwhelmed or under-nourished. Wilsonville Community Center  
6pm-8pm W Ongoing  CLRM
Special Events

Chrysalis: Women Writers
Dates: June 26-September 11
Wednesdays, noon-1:50 p.m.
Roger Rook Hall, Room 220
Course Number: XWR-0001-01
or Course Registration Number: 294675
Free

Chrysalis Women Writers, an honest and supportive critique group, welcomes both new and established women writers. Newcomers are welcome to attend without reading their own work until they are comfortable doing so. This workshop is led by local author Patricia K. Lichen. For more information, contact the English Department, 503-594-3254.

Horticulture/Arboriculture/Landscape/Organic Farming
See Horticulture/Arboriculture/Landscape/Organic Farming course listings for additional details.
For more information, contact Loretta Mills at loretta.m@clackamas.edu or 503-594-3292.

FARMERS MARKET WEDNESDAYS
June 26-September 4
Wednesday, 11:00 am-1:00 pm
Outside Community Center
Summer term, on Wednesdays, the Organic Farming-Campus Farm class will have fantastic vegetables for sale. Produce for sale is grown here on our campus farm using organic methods. Proceeds provide funding for ASG student scholarships.

Library

CONVERSATION PROJECT: SHOWING UP: WHAT DOES IT MEAN TO BELONG
Date: Thursday, May 16
Time: 3-5 p.m.
Location: Harmony West Community Room
Cost: Free

Being part of a community is an essential need for all of us. It is a place where we find others who share common ground, where our values and identities are reflected. Community is also a place where we are supported and thrive. But what does it mean to be part of a community? What does it look like when community shows up for you and vice versa? To what extent are shared values and identities in our community enough or not enough to help us thrive? This is the focus of “Showing Up: What Does It Mean to Belong to a Community?” a free conversation with Chi Mei Tam. This program is hosted by the CCC Library and sponsored by Oregon Humanities.

Theatre Arts
www.clackamas.edu/theatre

SPRING TERM MAIN STAGE PRODUCTION
And Then They Came for Me: Remembering the World of Anne Frank
by James Still
May 23-June 2
Thursdays-Saturdays at 7:30 p.m., Sundays at 2:30 p.m.
Osterman Theatre in the Niemeyer Center
Ticket prices: Adults $11, seniors 62+ $9, students $5
For tickets, contact the box office at 503-594-3153 or visit www.clackamas.edu/theatre. Seats are assigned.

BEHIND THE SCENES TOUR OF SPRING TERM MAIN STAGE PRODUCTION
And Then They Came for Me by James Still
Thursday, May 30, 4:30-6 p.m.
Osterman Theatre in the Niemeyer Center
It's FREE so bring a friend!
Take a behind-the-scenes look at our Spring Main Stage Production. Walk the catwalks, take a tour and discover the magic of a theater production. RSVP required. Limited space is available. Call Jennifer at 503-594-3153 to reserve your place.

STUDENT PERFORMANCE SHOWCASE: ONE-ACT PLAYS, STAND-UP COMEDY AND COMEDY IMPROV
May 28-30, noon-1 p.m. and May 29, 7:30 p.m.
Osterman Theatre in the Niemeyer Center
Experience the talent of CCC Theatre students at the spring term performance showcase. This event is FREE and open to the public.

FALL TERM 2019 MAIN STAGE PRODUCTION AUDITIONS (SHOW TBD)
Wednesday, October 2 at 3pm, Osterman Theatre (N-147) in the Niemeyer Building
Please prepare a one-minute monologue and come prepared to do cold readings from the play.

For more information about CCC Theatre Department plays and productions, visit www.clackamas.edu/theatre or call Jennifer Jett at 503-594-3153. All auditions and performances are in the Osterman Theatre located in the Niemeyer building on the Oregon City campus, 19600 Molalla Avenue.
Clackamas Repertory Theatre

CABARET CONCERTS
Sunday July 14, 7 p.m.
Cassi Q. Kohl in Concert
Don’t Rain on my Cabaret / An Evening of Dream Roles
Sunday, Aug. 11, 7 p.m.
Portland Sings! Rodgers and Hammerstein

WING IT
A fun interactive show for kids, back for its fifth season!
Saturday mornings at 10:30 a.m.
June 15, Sept. 28 and Dec. 7 & 14

All special events tickets are available at clackamasrep.org with the exception of Wing It, which is $5 at the door.

2019 SEASON Spon sor ed by Jim and Janice Osterman

Ken Ludwig’s Sherwood: The Adventures of Robin Hood
Directed by David Smith-English
June 27-July 21, preview June 27, opening night June 28
The Northwest premiere! A wild adventure about a man with a generous heart and a desire to save his country from a usurped throne and dim-witted evil king, Ludwig’s Robin Hood is full of charm and delightful vigilantes fighting for the rights of Sherwood Forest’s citizens. It’s an upbeat, zany comedy.
Sponsored by Krista Breunsbach and family.

South Pacific
Music by Richard Rodgers
Lyrics by Oscar Hammerstein II
Book by Oscar Hammerstein II and Joshua Logan
Adapted from the Pulitzer Prize-winning novel “Tales of the South Pacific” by James A. Michener
Directed by Jayne Stevens and Wesley Robert Hanson
Aug. 1-25, preview Aug. 1, opening night Aug. 3
An immediate Broadway hit in 1949, South Pacific remains one of the most popular musicals ever written. Transport yourself to an island of beauty and intrigue with Clackamas Rep’s production of this American classic and enjoy hits like “Some Enchanted Evening,” “This Nearly Was Mine,” “Younger Than Springtime,” “There’s Nothing Like a Dame,” “Bali Hai” and “I’m Gonna Wash That Man Right Out of My Hair.”
Sponsored by Pamela Bloom and Betsy and Wendell White.

Queens Girl in the World
By Caleen Sinnette Jennings
Directed by Damaris Webb and featuring Lauren Steele
Sept. 5-29, preview Sept. 5, opening night Sept. 6
The West Coast premiere! Queens Girl in the World, the hit play of the 2015 Women’s Voices Theater Festival in Washington, D.C., is a charming, funny, semi-autobiographical coming-of-age story about a young black girl in the ‘60s. This one-woman show includes not just our heroine, the engaging Jacqueline Marie Butler, but 12 more characters including her Caribbean father, imperious mother, girlfriends and teachers, as she moves from the safety of her sheltered Queens neighborhood to a new school in Greenwich Village. There, where she is one of only four black students and where race suddenly matters, she begins to wonder where she belongs in the world.
Sponsored by Jean Uzelac and Jean and Bob Macy.
Academic Regulations

Absences/Attendance

- You must be officially registered to attend class.
- Be sure to notify your instructor if you can’t make it to your first day of class. If you don’t, you may lose your seat to a student on the wait list.
- If you stop going to class and you don’t officially drop the classes from your schedule, you will be held academically and financially responsible.
- If the college is open on a religious holiday, you may be excused through prior arrangement with your instructors.
- If you attend a college-sponsored field trip, intercollegiate function or other event, you may be excused through prior arrangement with your instructors.
- Financial aid programs have specific attendance requirements. Contact the Financial Aid Office for more information at finaid@clackamas.edu or www.clackamas.edu.

Academic Standing

If you are a degree/certificate student taking 6 or more credits, you are required to maintain a 2.0 GPA and complete at least 50% of your attempted credits in order to remain in good academic standing.

Active Military Duty

If you are called up for active military duty, and wish to withdraw from classes, you will be held harmless with as much as possible regard to financial and academic responsibility.

- You will be asked to officially withdraw from classes by web, fax, mail, or in person.
- Students who have already shipped out or are unable to drop classes should contact Enrollment Services: 503-594-6074 or registrar@clackamas.edu.
- You will be asked to submit a copy of your orders along with a request for a refund/credit to Enrollment Services.
- Requests to be held harmless financially and academically for a prior term enrollment must be submitted directly to the Registrar at 503-594-3370 or chris.sweet@clackamas.edu.

Adding and Dropping Classes

- You are required to obtain instructor permission (signature) once classes begin.
- You must officially drop courses you have registered for if you decide to stop going to class. **Ceasing to attend class does not constitute official withdrawal!** You will be held responsible academically and financially if you do not officially drop your courses. **Official withdrawal is via myClackamas or in person.**

FERPA

Directory information about your student record may be released without your permission under the Family Educational Rights & Privacy Act (FERPA). CCC will release the following Directory Information:

- Full Name
- Enrollment status
- Enrollment dates
- Verification of certificate, degree, or honors and awards
- Residency status
- Major/Program
- Athletic participation

No other information will be released without your permission. If you have questions regarding FERPA, please contact Enrollment Services, 503-594-6100 or go to our website: www.clackamas.edu

Administrative Withdraw

- If you don’t attend your class during the first two weeks of the class, instructors **MAY** drop you but **ARE NOT REQUIRED** to do so. This is called administrative withdrawal.
- If an instructor does an administrative withdrawal, you may be granted a full refund of charges for the class.
- An instructor may administratively withdraw you from a course if you are unable to demonstrate fulfillment of the stated class prerequisite or co-requisite requirement.
- If you attend a college-sponsored field trip, intercollegiate function or other event, you may be excused through prior arrangement with your instructors.
- Financial aid programs have specific attendance requirements. Contact the Financial Aid Office for more information at finaid@clackamas.edu or www.clackamas.edu.

Audit

An audit allows you to attend class without responsibility for a grade. Audit carries no credit, doesn’t contribute toward full-time status and does not meet full-time status required for Veterans, Social Security, Financial Aid or athletic eligibility. All other college policies apply including registration, tuition payment, refunds, and attendance. If you decide to change your status from audit to credit or credit to audit, notify your instructor prior to the end of the sixth week of the term.

If you are a financial aid student, please notify the Financial Aid Office if you change from a credit to an audit or receive an audit grade. You may be required to pay back funds. Audit classes do not qualify for financial aid.
**Variable Credit**
Some courses are eligible for variable credit. These courses are noted in the Schedule of Classes with a “V” in the credit column. This option allows you to pursue an individualized learning program. You must register for the number of credits you expect to earn in that term as determined with your instructor. Changes to variable credit must be processed through registration by the end of the 10th week of the term.

**Wait List**
Some CCC classes utilize a wait list option. If the class you want to register for is full and it has a wait list:

- Add your name to the wait list via myClackamas or in person.
- When a spot opens up, you will receive an email in your @student.clackamas.edu email. You will have 48 hours to respond to the email.
- To add the class, go to “Manage my wait list” within myClackmas to register.
- You are responsible academically and financially if you no longer want to be in the class and don’t drop it.

The following conditions may affect your eligibility for wait list placement:

- Wait list capacity has been met.
- There is a “hold” on your student record that restricts registration.
- There are course restrictions in place such as “instructor consent.”
- You are already enrolled in another section of the same course.
- There is a time conflict with the course you have selected.
- You have reached the maximum number of credits allowed (18) without additional authorization.
- Class has already begun.

**Student Right to Know and Other Notification Requirements**
Clackamas Community College information regarding academic programs, student completion/graduation rates, financial assistance, athletics, institutional financial support, privacy rights (FERPA), campus security, crime statistics and other Student Right to Know items may be obtained by viewing our annual college catalog or by going to [www.clackamas.edu](http://www.clackamas.edu). Printed copies of this information may also be obtained by contacting Enrollment Services at 503-594-6074 or registrar@clackamas.edu.

Clackamas Community College is accredited by the Northwest Commission on Colleges and Universities. Accreditation of an institution of higher education by the Northwest Commission on Colleges and Universities indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Northwest Commission on Colleges and Universities is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding an institution’s accredited status by the Northwest Commission on Colleges and Universities should be directed to the administrative staff of the institution. Individuals may also contact:

Northwest Commission on Colleges and Universities
8060 165th Avenue N.E., Suite 100
Redmond, WA 98052
(425) 558-4224
[www.nwccu.org](http://www.nwccu.org)
TRANSPORTATION OPTIONS FOR STUDENTS
Clackamas Community College provides a variety of transportation options including a free shuttle, carpooling matching service, and multiple bus options.
The latest information and additional details can be found at www.clackamas.edu/transportation.

CCC XPRESS SHUTTLE
Free shuttle runs between the Oregon City and Harmony campuses and the Clackamas Town Center Transit Center.

CARPOOL MATCHING SERVICE
Find a carpool partner at drivelessconnect.com. Sign up using your @student.clackamas.edu email address. The site is changing to getthereoregon.com on June 1.

PUBLIC TRANSPORTATION
Clackamas Community College is serviced by a number of bus lines. Plan your trip on Google Maps.

BIKE RENTAL PROGRAM
Rent a bike for the term for only $25! Rentals include a helmet, lock, front and rear lights, fenders, rear rack and discount on repairs.

SAVE MONEY ON YOUR CCC COMMUTE!

NEAR CLACKAMAS TOWN CENTER?
Ride the free CCC Xpress Shuttle.

DRIVE?
Carpool for the chance to win gift cards.

RIDE THE BUS?
Save $100 on TriMet bus passes. TriMet offers 72% off month pass through Low Income Fare Program.

LEARN MORE AT
www.clackamas.edu/transportation

SERVICES FOR STUDENTS
The Student Life & Leadership Office in room 152 of the Community Center offers lots of services to help you. Here’s a list. For more information, call 503-594-3040. http://depts.clackamas.edu/asg

BOOK EXCHANGE: Save money on used textbooks. Students can sell/buy books here. The Book Exchange runs during finals week and the first two weeks of the term.

TOURS: Explore the campus with a CCC student leader. These are current CCC students whose job is to help students get accustomed to the college. For more information please email campustour@clackamas.edu.

CALCULATOR RENTALS: A great alternative to buying an expensive calculator, students may rent a calculator for 24 hours for free. You can also rent a calculator for the entire term for $20.

LOCKER RENTALS: Backpacks can get heavy with all those textbooks. Rent a locker to store your textbooks and school work.

CHILD CARE AND TEXTBOOK GRANTS: Grants are awarded each term to students who have demonstrated need. Fill out an application in the Student Life & Leadership Office. There is a screening process.

COMMUNITY SERVICE: Student Government offers a variety of opportunities to get involved in the community. Get involved!

CLUBS: Do you have a special interest? Want to meet new people? CCC offers many clubs for students. Find out more in Student Life & Leadership.

LOST & FOUND: Located in the Student Government office in CC 152.

FAX & PHONE: Fax service is available for 50 cents per page for local numbers and $1 for the first page on long distance numbers. All pages thereafter are 50 cents per page. There is a phone you can use, free of charge, in the Community Center. Please limit calls to three minutes.

REGISTER TO VOTE: It’s simple and fast. Fill out the form in the Student Government office. A Student Government representative will deliver the forms to the county office.

CLACKAMAS YMCA CHILD DEVELOPMENT CENTER
Regular child care is available Monday-Friday, 6:30 a.m.-6:30 p.m. for children ages six weeks to 12 years old.
Pre-enrollment is necessary (no drop-ins). Call 503-657-9795 for rates and availability.
**CCC Oregon City Campus**

**BARLOW HALL**

**ITS – Information Technology Services**
June 24-Sept. 7 M-Th 7:30 a.m.-5 p.m.

**BILL BROD COMMUNITY CENTER**

**Academic Advising & Career Services**
June 17-20 M-F 8 a.m.-4:30 p.m.
June 24-Aug 30 MTTh 8 a.m.-4:30 p.m.
W 10 a.m.-4:30 p.m.
Sept 3-27 MTThF 8 a.m.-4:30 p.m.
W 10 a.m.-4:30 p.m.

**Counseling Services**
June 25-Sept 4 T-W 10 a.m.-4 p.m.

**Disability Resource Center**
June 17-21 M-F 8 a.m.-5 p.m.
June 24-Aug 30 M-Th 8 a.m.-5 p.m.
Sept 3-27 M-F 8 a.m.-5 p.m.

**Graduation Services–Evaluation/External Transcripts**
June 17-21 M-F 10 a.m.-5 p.m.
June 24-Aug 30 M-Th 10 a.m.-5 p.m.
Sept 3-27 M-F 10 a.m.-5 p.m.

**Student Life & Leadership**
June 24-Sept 6 M-Th 8 a.m.-5 p.m.

**Veterans Education and Training Center**
June 17-21 M-F 8 a.m.-5 p.m.
June 24-Aug 30 M-Th 8 a.m.-5 p.m.
Sept 3-27 M-F 8 a.m.-5 p.m.

**DYE LEARNING CENTER**

**Academic Computing Lab**
June 24-Aug 15 M-Th 7:30 a.m.-4 p.m.

**Library**
Hours posted online: libguides.clackamas.edu/hours
June 24-Sept. 7 M-Th 8 a.m.-4 p.m.
F CLOSED
Sat CLOSED
Su CLOSED

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**WHERE TO FIND FOOD**

**Cafeteria: Cougar Café**, Community Center, hours to be announced. In addition to beverages and snacks, a grab & go case is available with a variety of house-made salads, sandwiches, pastries, and snack packs. We offer a full assortment of specialty coffee beverages featuring locally roasted beans from Caffe Vita Coffee Roasters. Hot breakfast is available each day until 10 a.m. Fruit smoothies, milkshakes and blended drinks are also available. Hot lunch offerings are available from 10 a.m. until closing in addition to built-to-order sandwiches, wraps and rice bowls. Additional information and menus are available online at [http://www.triohosp.com/ccc/cougar_cafe](http://www.triohosp.com/ccc/cougar_cafe).

**ASG, CC152**, snacks

**Bookstore**, McLoughlin Hall, has a wide variety of food and beverage choices, including coffee and convenience food. A microwave is available in store to heat food.

Snacks are available in **vending machines** in various locations.

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**Writing Center, Math Lab and Other Tutoring Services**
See posted hours on web, www.clackamas.edu/Tutoring/

**Moodle Help (Cougar Connect Desk)**
June 24-Aug 5 M-Th 7:30 a.m.-4 p.m.

**FAMILY RESOURCE CENTER**

**Workforce Development Services**
M-F 8 a.m.-5 p.m.

**McLOUGHLIN HALL**

**Bookstore**
June 19-22 M-F 8 a.m.-4:30 p.m.
S 9 a.m.-2 p.m.
June 24-28 M-Th 8 a.m.-6 p.m.
F CLOSED
July 1-5 M-W 8 a.m.-4:30 p.m.
Th-F Closed
July 8-Aug. 30 See posted hours online
https://clackamas.bncollege.com

**RANDALL HALL**

**Fitness Center**
(Hours vary, please check door for posted hours)

**ROGER ROOK HALL**

**Enrollment Services**
June 24-Sept. 6 M-Th 8 a.m.-5 p.m.
Sept. 9-27 M-F 8 a.m.-5 p.m.

**Financial Aid Resource Lab**
June 24-Sept. 27 M-TH 10 a.m.-1 p.m.
1:30 p.m.-3 pm

**Financial Aid & Scholarships**
June 24-Sept. 6 M-Th 8 a.m.-4 p.m.
Sept. 9-27 M-F 8 a.m.-4 p.m.

**Testing & Assessment Center**
(Call 503-594-3283 for specific test times)

**STREETER HALL**

**Open Computing Lab**
Closed for summer term.
IN-STORE CUSTOMERS
Payment types:
- Cash
- Debit / credit (VISA, MasterCard, Discover, American Express)
- Personal or parent/guardian checks (local, imprinted checks only! Student ID and ODL required. Max $5 cash back.)

Please note: Purchases made by check require 14 days before a cash refund can be issued. Store credit issued in the interim.

ONLINE ORDERS can be shipped out (for a fee) or held for customer pick-up. Credit card payment required at time of order. E-mail notifications will be sent when order is shipped or is ready to be picked up.

Spring 2019 dates to remember:
Textbook sales begin online and in-store – June 13
Last day for textbook refunds – June 27
End of term textbook buyback – Oregon City Campus, daily 8:30-4 p.m.
Rental books due back – August 29
Bookstores closed for Holiday – July 4, Sept. 2
For campus maps, store hours, shipping costs, refund/returns policies and ordering details see http://clackamas.bncollege.com, or call the bookstore at 503-594-6500. We will be happy to answer your questions personally!

Low-Cost Texts
Low-cost text (LCT) course sections use textbooks and/or other course materials that have a minimal cost. The total cost of textbooks and/or materials* in every low-cost course will be less than $40. Identify CCC’s low-cost courses by looking for the LCT icon.

*Included in the cost calculations are: required textbooks and other text-based materials, workbooks, lab manuals, online homework software (e.g. mymathlab), and codes or publisher-provided curricular materials for students. Printing costs are not included, unless a printed version is required for the course. Excluded from the cost calculations are: art supplies, calculators, software, course and student fees or equipment, and optional costs.

DISCLAIMER: Clackamas Community College makes every effort that the low-cost sections identified in this printed schedule are accurate at the time of publication. However, review the online schedule or contact the course instructor for the most up-to-date information on textbook and material costs.

COLLEGE CLOSURE INFORMATION
ANNOUNCEMENTS
In the event of hazardous weather or other emergencies, the following will carry school schedule changes and college closure information:
- Clackamas website, www.clackamas.edu
- Local radio and television broadcasts and websites
- Recorded phone message on the college’s main number: 503-594-6000
- Facebook, Facebook.com/ClackamasCommCollege
- Twitter, @ClackCollege

COLLEGE CLOSURE LOCATIONS
In the event that the college is closed due to adverse weather conditions, all college campuses and centers will close. In the event of a non-weather related emergency closure (e.g., loss of electricity), only the affected campus will close.

COLLEGE CLOSURE TIMES
Emergency closures due to hazardous weather or other emergencies:
Day Closure – Offices are closed and classes are canceled unless exceptions are announced. Shuttle service is also canceled.
Late Opening – The college will open at 10 a.m. All classes, events and activities on all CCC campuses are canceled until 10 a.m. If a class is scheduled to be in progress at 10 a.m., arrive at 10 a.m. Shuttle services will begin at 8:45 a.m.
Early Closure – All classes, activities and events starting at or after 4 p.m. will be canceled on all campuses. Campuses will remain open until 5 p.m. Shuttles will not run after 5 p.m.

CLOSURES DURING FINALS WEEK
One day closure during finals week:
Finals will be rescheduled for Friday during the same time period as originally scheduled.

Second day closure during finals week:
Finals will be rescheduled for Friday evening during the same time period as originally scheduled.

Evening closure during finals week:
Finals will be rescheduled for Friday evening during the same time period as originally scheduled.

Note: These are general guidelines. Exceptions may occur.

EMERGENCY NOTIFICATIONS
CCC students are automatically enrolled in Clackamas Community College’s phone, text message and email emergency notification system – Rave Alert.
The Rave Alert system will NOT charge fees, however standard or other messaging charges apply depending on wireless carrier plan and subscription details.
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<thead>
<tr>
<th>PROGRAM</th>
<th>ADVISOR</th>
<th>PHONE</th>
<th>ROOM</th>
<th>EMAIL</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>Joan San-Claire</td>
<td>503-594-3013</td>
<td>S124</td>
<td><a href="mailto:joan.san-claire@clackamas.edu">joan.san-claire@clackamas.edu</a></td>
</tr>
<tr>
<td>Administrative Assistant/Professional</td>
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<td><a href="mailto:beverly@clackamas.edu">beverly@clackamas.edu</a></td>
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<tr>
<td>Adult High School Diploma</td>
<td>Patrick Smida</td>
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<td><a href="mailto:patrick@clackamas.edu">patrick@clackamas.edu</a></td>
</tr>
<tr>
<td>Anthropology</td>
<td>Robert Keeler</td>
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<td>M210</td>
<td><a href="mailto:robert@clackamas.edu">robert@clackamas.edu</a></td>
</tr>
<tr>
<td>Apprenticeship</td>
<td>Katelyn Karch</td>
<td>503-594-6201</td>
<td>T28</td>
<td><a href="mailto:kkarch@clackamas.edu">kkarch@clackamas.edu</a></td>
</tr>
<tr>
<td>Arboiculture</td>
<td>April Chastain</td>
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<td>AC106</td>
<td><a href="mailto:norab@clackamas.edu">norab@clackamas.edu</a></td>
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<tr>
<td>Art</td>
<td>Nora Brodnicki</td>
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</tr>
<tr>
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<td>David Bradley</td>
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<tr>
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<td>Sharon Parker</td>
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<td><a href="mailto:sharon@clackamas.edu">sharon@clackamas.edu</a></td>
</tr>
<tr>
<td>Career Technical Education Instruction</td>
<td>Laurette Scott</td>
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<td>F108a</td>
<td><a href="mailto:laurette@clackamas.edu">laurette@clackamas.edu</a></td>
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<tr>
<td>Clinical Laboratory Assistant</td>
<td>Marilyn Burch</td>
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<td>J127</td>
<td><a href="mailto:marilyn@clackamas.edu">marilyn@clackamas.edu</a></td>
</tr>
<tr>
<td>Communications/Speech</td>
<td>Kelly Brennan</td>
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<td>N139</td>
<td><a href="mailto:kjirsten@clackamas.edu">kjirsten@clackamas.edu</a></td>
</tr>
<tr>
<td>Computer Science: Transfer</td>
<td>Rich Albers</td>
<td>503-594-3166</td>
<td>S126</td>
<td><a href="mailto:richa@clackamas.edu">richa@clackamas.edu</a></td>
</tr>
<tr>
<td>Computer Science: Application Support &amp; Web Design</td>
<td>Debra Carino</td>
<td>503-594-3170</td>
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<td><a href="mailto:dcario@clackamas.edu">dcario@clackamas.edu</a></td>
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<tr>
<td>Computer Science: Network Administration</td>
<td>Rick Carino</td>
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<td><a href="mailto:rcario@clackamas.edu">rcario@clackamas.edu</a></td>
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<tr>
<td>Computer Science: Transfer</td>
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<tr>
<td>Criminal Justice/Corrections</td>
<td>Ida Filippo</td>
<td>503-594-3363</td>
<td>M211</td>
<td><a href="mailto:filipp@clackamas.edu">filipp@clackamas.edu</a></td>
</tr>
<tr>
<td>Customized Training &amp; Development Services</td>
<td>Staff</td>
<td>503-594-3200</td>
<td>DJ210</td>
<td><a href="mailto:training@clackamas.edu">training@clackamas.edu</a></td>
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<tr>
<td>Dental Assistant</td>
<td>Maria Corona</td>
<td>503-594-0693</td>
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<td><a href="mailto:mariac@clackamas.edu">mariac@clackamas.edu</a></td>
</tr>
<tr>
<td>Digital Media Communications</td>
<td>Nora Brodnicki</td>
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<td><a href="mailto:norab@clackamas.edu">norab@clackamas.edu</a></td>
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<tr>
<td>Early Childhood Education</td>
<td>Dawn Hendricks</td>
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<td><a href="mailto:adela.arguello@clackamas.edu">adela.arguello@clackamas.edu</a></td>
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<tr>
<td>Economics</td>
<td>Adela Arguello</td>
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<tr>
<td>Education</td>
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<tr>
<td>Electronics and Microelectronics</td>
<td>Mike Mattson</td>
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<tr>
<td>Emergency Management</td>
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<tr>
<td>Emergency Medical Technology</td>
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<tr>
<td>Engineering</td>
<td>Eric Lee</td>
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<tr>
<td>English</td>
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<td>RR237</td>
<td><a href="mailto:carol@clackamas.edu">carol@clackamas.edu</a></td>
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<tr>
<td>English as a Second Language</td>
<td>Suzanne Munro</td>
<td>503-594-3326</td>
<td>D147</td>
<td><a href="mailto:munros@clackamas.edu">munros@clackamas.edu</a></td>
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<tr>
<td>Environmental Safety and Health</td>
<td>Adela Arguello</td>
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<tr>
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<tr>
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<td><a href="mailto:yvonne@clackamas.edu">yvonne@clackamas.edu</a></td>
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<td>History</td>
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<tr>
<td>Horticulture</td>
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<td><a href="mailto:april.chastain@clackamas.edu">april.chastain@clackamas.edu</a></td>
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<tr>
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<td><a href="mailto:yvonne@clackamas.edu">yvonne@clackamas.edu</a></td>
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<tr>
<td>Humanities</td>
<td>Adela Arguello</td>
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<tr>
<td>Journalism</td>
<td>Melissa Jones</td>
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<tr>
<td>Landscape</td>
<td>April Chastain</td>
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<tr>
<td>Management</td>
<td>Sharon Parker</td>
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<td>Manufacturing Technology</td>
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<tr>
<td>Marketing</td>
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<td>Medical Assistant</td>
<td>Karen Maynard</td>
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<td><a href="mailto:kmaynard@clackamas.edu">kmaynard@clackamas.edu</a></td>
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<tr>
<td>Music</td>
<td>Lars Campbell</td>
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<td>N129b</td>
<td><a href="mailto:lars.campbell@clackamas.edu">lars.campbell@clackamas.edu</a></td>
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<tr>
<td>Music Technology</td>
<td>Brian Rossen</td>
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<td>H32</td>
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<tr>
<td>Nursing</td>
<td>Carol Dodson</td>
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<td>Organic Farming</td>
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<td><a href="mailto:april.chastain@clackamas.edu">april.chastain@clackamas.edu</a></td>
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<td>Paraeducator</td>
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<td><a href="mailto:larette@clackamas.edu">larette@clackamas.edu</a></td>
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<tr>
<td>Philosophy</td>
<td>Adela Arguello</td>
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<tr>
<td>Physical Education/Health</td>
<td>Jim Martineau</td>
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<tr>
<td>Political Science</td>
<td>Robert Keeler</td>
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<td>M210</td>
<td><a href="mailto:robert@clackamas.edu">robert@clackamas.edu</a></td>
</tr>
<tr>
<td>Pre-Professional (medical, dental, pharmacy)</td>
<td>Eden Francis</td>
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<td>P124k</td>
<td><a href="mailto:eden@clackamas.edu">eden@clackamas.edu</a></td>
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<tr>
<td>Project Management</td>
<td>Frank Corona</td>
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<tr>
<td>Psychology</td>
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<td>Religion</td>
<td>Adela Arguello</td>
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<td>M215</td>
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<td>Reading/Study Skills</td>
<td>Lisa Nelson</td>
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<tr>
<td>Renewable Energy</td>
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<td>B267</td>
<td><a href="mailto:mattonm@clackamas.edu">mattonm@clackamas.edu</a></td>
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<tr>
<td>Retail Management</td>
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<td>503-594-3660</td>
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<td><a href="mailto:thomas@clackamas.edu">thomas@clackamas.edu</a></td>
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<tr>
<td>Science</td>
<td>Sarah Hoover</td>
<td>503-594-3354</td>
<td>P124m</td>
<td><a href="mailto:sarah@clackamas.edu">sarah@clackamas.edu</a></td>
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<tr>
<td>Skills Development</td>
<td>A.J. Smith</td>
<td>503-594-0688</td>
<td>D143</td>
<td><a href="mailto:aj.smith@clackamas.edu">aj.smith@clackamas.edu</a></td>
</tr>
<tr>
<td>Small Business Development Center</td>
<td>Rob Campbell</td>
<td>503-594-0733</td>
<td>HW160E</td>
<td><a href="mailto:bizcenter@clackamas.edu">bizcenter@clackamas.edu</a></td>
</tr>
<tr>
<td>Social Science</td>
<td>Adela Arguello</td>
<td>503-594-6591</td>
<td>M215</td>
<td><a href="mailto:adela.arguello@clackamas.edu">adela.arguello@clackamas.edu</a></td>
</tr>
<tr>
<td>Sociology</td>
<td>Erich Pfeifer</td>
<td>503-594-3802</td>
<td>M225</td>
<td><a href="mailto:erich@clackamas.edu">erich@clackamas.edu</a></td>
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<tr>
<td>Theatre Arts</td>
<td>James Ekrem</td>
<td>503-594-3157</td>
<td>N152</td>
<td><a href="mailto:james@clackamas.edu">james@clackamas.edu</a></td>
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<td>Undecided or need more information about your program of study? Faculty advisors have the answers.</td>
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<td>D Oregon City.</td>
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<td>H Harmony</td>
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<td>D Adult High School Diploma – Oregon City</td>
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<td>Academic Advising</td>
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<td>CC Oregon City.</td>
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<td>H Harmony</td>
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<td>W Wilsonville</td>
<td>503-594-0959</td>
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<td>Bookstore</td>
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<td>M Bookstore—Oregon City</td>
<td>503-594-6500</td>
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<td>RR Oregon City.</td>
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<td>RR Admissions &amp; Recruitment/Welcome Center</td>
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<td>CC Advanced College Credit</td>
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<td>T Apprenticeship</td>
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<td>B Automotive</td>
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<td>CC Cafeteria</td>
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<td>RR Campus Tours</td>
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<td>F Child Care Center</td>
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<td>RR The Clackamas Print Newspaper</td>
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<td>N Communication Studies</td>
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<td>Community Garden</td>
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<td>D Computer Lab (Academic)</td>
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<td>CC Cooperative Work Experience</td>
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<td>D Cougar Connect Desk</td>
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<td>CC Counseling</td>
<td>503-594-3176</td>
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<td>HW Criminal Justice/Corrections</td>
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<td>AC Digital Media Communications</td>
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<td>M Distance Learning</td>
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<td>I Electronics &amp; Microelectronics</td>
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<td>RR Enrollment Services</td>
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<td>ELC Environmental Learning Center</td>
<td>503-594-3015</td>
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<td>B Environmental Safety &amp; Health</td>
<td>503-594-3322</td>
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<td>G Facility Scheduling-Oregon City</td>
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<td>H Facility Scheduling-Harmony</td>
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<td>W Facility Scheduling-Wilsonville</td>
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<tr>
<td>RR Financial Aid Office</td>
<td>503-594-6082</td>
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</table>

* Find building code key on campus map page.

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**College Safety**

In an emergency or life-threatening situation, dial 911 from any phone. College Safety Office, ext. 6234 or 6650 or call 971-563-0101.

![College Safety](image_url)
Having difficulty finding parking?
Although it may be tempting to park in no-parking or handicapped spaces, parking citations are issued and vehicles are subject to towing and storage fees.
Disabled students should be sure to pick up a state application form from the Department of Motor Vehicles.
Grow your child’s love of nature at one of several summer camps through CCC’s Environmental Learning Center! Campers in grades 1-5 will enjoy a variety of fun activities including exploring our on-site wetland, identifying the critters that live here, learning to be a good steward of the environment, making crafts and playing games. After participating in all four days of camp, kids will be registered as an ELC Nature Spy, and receive an official membership packet!

And our camp for teens in grades 6-8 will explore our wetland, do hands-on environmental lab activities, engage with college faculty, and visit college classrooms. The week culminates with each teen creating their own, personal digital story (video production), using photos that were taken throughout the week!

Before and after care available, too!

4-day camp fees range $215-$245.
For detailed dates/times and age groups, visit www.clackamas.edu/kids or call (503) 594-3015.
CCC dollars and sense

Attending Clackamas Community College is a wise investment. It will not only save you money in the short term, but you will earn more money in the future.

Savings

- **Tuition**: Annual tuition at CCC is just $4,944, compared to $11,329 at public universities and $35,195 for private universities.
- **Scholarships**: CCC offers +$500,000 in scholarships each year.
- **Financial aid**: Our Financial Aid Lab will help you find the funding you need to pay for college, including grants, scholarships, internships and loans.

### Income potential

Median weekly earnings by education attainment for workers ages 25 and older, 2017


- **Professional Degree**: $1,836
- **Doctoral Degree**: $1,743
- **Master’s Degree**: $1,731
- **Bachelor’s degree**: $1,401
- **Associate degree**: $1,065
- **Some college, no degree**: $774
- **High school diploma**: $712
- **Less than high school diploma**: $520

Now is the time to invest in yourself and your future. Learn how to get started at [www.clackamas.edu/getting-started](http://www.clackamas.edu/getting-started).
Cougars wrestlers tops in nation

Clackamas wrestling is known throughout the Northwest and from coast to coast for producing high-caliber wrestlers and students. On March 2, the Clackamas Community College wrestling team won the National Junior College Athletic Association (NJCAA) National Championship. This is the third national championship CCC has won.

The Cougars qualified wrestlers in all 10 weight classes to compete in the tournament. They put on an impressive performance winning with a school record nine All-Americans, including two national champions, two national runners up, two third placers, two fifth placers and a seventh placer.

“This is a special group of young men who believed in a mission and knew their purpose. It is not very often that you get to work with guys who buy in, believe in what they are doing and achieve a common goal the way these guys did,” Wrestling Coach Josh Rhoden said.

Clackamas Community College also set a new national scoring record with 176.5 points and a 24.5-point margin of victory. Rhoden and his staff were awarded the title National Coach of the Year for their efforts.

In the last 13 years, the wrestling program has a dual meet record of 141-35-2 and produced 77 All-Americans, 24 National Finalists, 11 National Champions, as well as earned 92 Academic All-Americans. The Cougars have won six National Dual Meet Championships, including winning an NJCAA record five straight championships from 2014 to 2018.

Cougars wrestlers are bound by a tradition of excellence and hard work. It is this commitment that allows the team to be a contender year in and year out at national championships.

Spend your summer at CCC

Spend some time at Clackamas Community College this summer and check out what the college offers. With three locations to serve you, we have something for everyone.

Come stroll around the 165-acre Oregon City campus and enjoy the shade in one of the college’s numerous gardens. Or take a break out of your day and experience the newly restored wetlands at CCC’s Environmental Learning Center.

On the Harmony Community Campus, you can get help with making your business idea a reality at the Small Business Development Center. Need space for a special event? The Harmony Community Campus has a large community room.

At CCC’s Wilsonville campus, you can get prepared for jobs in the utility and energy management industry, or work toward your transfer degree, while enjoying the work of local artists in the Wilsonville Community Art Gallery.

For these reasons and many more, at Clackamas Community College, you can go far close to home.

Message to Clackamas Community College district residents:
Clackamas mails this schedule four times per year to tell you about class offerings, workshops available in your community, special events at the college and college news of interest to all citizens and taxpayers. It’s printed for about 23 cents per schedule, using the most cost-effective means of distribution, and can be recycled with your newspapers. We’re unable to remove individuals from our distribution route and hope you’ll find this informative, even if you’re not currently considering a class.