## Class Start/End Dates + Financial Deadlines *

<table>
<thead>
<tr>
<th>Financial aid: All required CCC financial aid documentation due to ensure funding for term</th>
<th>SUMMER TERM 2021</th>
<th>FALL TERM 2021</th>
<th>WINTER TERM 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration begins</td>
<td>May 10</td>
<td>May 17</td>
<td>Nov. 15</td>
</tr>
<tr>
<td>Classes begin</td>
<td>June 21</td>
<td>Sept. 27</td>
<td>Jan. 3</td>
</tr>
<tr>
<td>Last day to add classes without instructor consent</td>
<td></td>
<td>Instructor consent required once course begins</td>
<td></td>
</tr>
<tr>
<td>Last day to drop a class with a refund (see p. 4 for more info)</td>
<td>July 4</td>
<td>Oct. 10</td>
<td>Jan. 16</td>
</tr>
<tr>
<td>Last day to drop classes and receive a “W” automatically</td>
<td>Aug. 13</td>
<td>Nov. 19</td>
<td>Feb. 25</td>
</tr>
<tr>
<td>Last day to submit petition for graduation</td>
<td>July 30</td>
<td>Nov. 5</td>
<td>Feb. 11</td>
</tr>
<tr>
<td>Last day to change grading option</td>
<td>August 27</td>
<td>Dec. 3</td>
<td>March 11</td>
</tr>
<tr>
<td>Account balance due: $100 non-payment fee applied if not paid</td>
<td>August 2</td>
<td>Nov. 5</td>
<td>Feb. 11</td>
</tr>
<tr>
<td>Finals week</td>
<td>See class syllabus</td>
<td>Dec. 6-11</td>
<td>March 14-18</td>
</tr>
<tr>
<td>Last day of term</td>
<td>Sept. 4</td>
<td>Dec. 11</td>
<td>March 19</td>
</tr>
<tr>
<td>Commencement: GED &amp; Adult High School Diploma</td>
<td></td>
<td>June 9, 2022</td>
<td></td>
</tr>
<tr>
<td>Commencement: College Certificate &amp; Degree</td>
<td></td>
<td>June 10, 2022</td>
<td></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.

## Holidays and Campus Closures

| SUMMER TERM: July 5 Independence Day, Sept. 6 Labor Day |
| FALL TERM: Nov. 11 Veterans Day, Nov. 25 & 26 Thanksgiving, Dec. 23 & 24 Winter Holiday |

## Final Exam Schedule

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

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.
New Students

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.

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.oregonstudentaid.gov. 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. For help choosing and registering for your classes, visit our Advising page to schedule an appointment.

Returning Students

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 the following page.

MORE QUESTIONS? Our Admissions Center is here to help you get started at CCC. Call: 503-594-3284. Email: welcome@clackamas.edu

Looking for a Non-Credit Registration Form? You’ll find it on page 8.
**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>$113 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>$279 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>$11 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>$30 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, shuttle, testing and transcripts.</td>
</tr>
<tr>
<td>Non-Payment Fee</td>
<td>$100 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 per term</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 credit course listing in the Schedule of Classes.</td>
</tr>
</tbody>
</table>

**Credit for prior learning**

<table>
<thead>
<tr>
<th>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.

**Deferred Payment:** Account balances must be paid by August 2 or you will be charged a non-payment fee of $100 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 two weeks of the class for classes meeting five weeks or more
- During the first week of the class for classes meeting three-four weeks
- Before the class begins for classes meeting two weeks or less

**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. 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.oregonstudentaid.gov/ORSAA. 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.

**Financial questions?**

Email us at finaid@clackamas.edu
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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 5
Money, registration and myClackamas – WHAT YOU NEED TO KNOW!

College Services Fee
A non-refundable $30 per term fee will be applied to students taking credit courses. The College Services Fee covers the cost of various services including graduation, parking, 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 10, 2021</td>
<td>Noon</td>
</tr>
<tr>
<td>80+</td>
<td>Tuesday, May 11, 2021</td>
<td>8 a.m.</td>
</tr>
<tr>
<td>60-79</td>
<td>Tuesday, May 11, 2021</td>
<td>Noon</td>
</tr>
<tr>
<td>40-59</td>
<td>Wednesday, May 12, 2021</td>
<td>8 a.m.</td>
</tr>
<tr>
<td>30-39</td>
<td>Wednesday, May 12, 2021</td>
<td>Noon</td>
</tr>
<tr>
<td>20-29</td>
<td>Thursday, May 13, 2021</td>
<td>8 a.m.</td>
</tr>
<tr>
<td>6-19</td>
<td>Thursday, May 13, 2021</td>
<td>Noon</td>
</tr>
<tr>
<td>1-5</td>
<td>Friday, May 14, 2021</td>
<td>8 a.m.</td>
</tr>
<tr>
<td>Open Registration</td>
<td>Friday, May 14, 2021</td>
<td>Noon</td>
</tr>
</tbody>
</table>

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

2021-22 CHANGES:
- **In-state tuition**: Increased by $5 resulting in a $113 per credit rate
- **Out-of-state tuition**: Increased by $5 resulting in a $279 per credit rate
- **General student and technology fee**: Decreased by .50 cents resulting in a $11 per credit fee
- Students will now receive a “W” on their transcript for any course that is dropped weeks 3-8. Classes dropped after week 8 will be required to receive a grade.
- The $30 deferred payment fee is being eliminated.
- The $50 late registration fee is being eliminated
- The $75 non-payment is being increased to $100

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.
REGISTRATION AND IMPORTANT INFORMATION

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. 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/student-rights.

Student Photo ID Cards – Cards are available at the 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.

GRADUATION

Apply to Graduate
In order to be evaluated for a certificate or degree from CCC, students must fill out a “Graduation Application” 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 9, 2021, and the certificate and degree graduation ceremony will be held Friday evening, June 10, 2021. Information for both ceremonies will be available at www.clackamas.edu/graduation in early spring. For questions related to the ceremony, contact GradCeremony@clackamas.edu.
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.

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>Social Security Number</th>
<th>Date of Birth*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Your Social Security Number (SSN) is required if you are applying for financial aid. IRS regulations require that you provide your SSN or Tax Identification Number (TIN) so that it may be included on the 1098-T form filed by the college if you are eligible for certain tax credits. The college will use your SSN for keeping records, doing research, aggregate reporting, extending your credit, and collecting debts. Providing your SSN means that you consent to the use of the number in the manner described. Your SSN will not be shared with the general public and, as you will be issued a separate student ID number, you will not be denied any rights as a student if you choose not to provide your SSN (per OAR 589-004-0400).*

**Legal Name** (first, middle initial, last, suffix)

**Preferred Name (first, last)**

**Previous Name (first, last)**

<table>
<thead>
<tr>
<th>Phone*</th>
<th>Type (cell, home, work)</th>
<th>Phone</th>
<th>Type (cell, home, work)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mailing Address** (street, city, state, zip)

**Email Address**

*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 back-up 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 90 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/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/Guardian
- [ ] 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
- [ ] Didn’t 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>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</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 agency. 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:** 503-722-5864

**IN PERSON:** Enrollment Services at any of the three CCC campuses

**MAIL:** Enrollment Services, Clackamas Community College, 19600 Molalla Ave, Oregon City, OR 97045-7998

Revised 12/4/18
Información en español
Visite el sitio de 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 $60 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.

Inscripciones 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.

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 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, Wacheno Welcome Center
Room 100
503-594-3438
vetinfo@clackamas.edu
www.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?

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 www.clackamasworkforce.org.

These programs are funded in whole or in part through the U.S. 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 respetar la igualdad de oportunidades.
ONLINE LEARNING

In many ways, learning online is similar to learning in a classroom. Your instructor will provide quality readings, exercises, assignments, and quizzes. And just like an in-person class, what you get out of it is a direct result of how much you put into it. So... expect to spend the same amount of time and energy on an online class as you would in an in-person course.

Clackamas Community College (CCC) uses Moodle for its online course delivery. So... you’ll see a Moodle 101 orientation course on your Moodle Dashboard when you log in. This self-guided orientation will prepare you for online learning and make sure you have the skills and resources you’ll need to succeed in your online course. It also includes student essentials, like tips for successful time management and home workspaces.

New to Online Learning?
The Online Learning & Educational Technology Team has collected the following resources on our website (online.clackamas.edu) to assist you:

- CCC Schedule of Classes
- Are you prepared to take an online class? Q&A
- Computer and/or internet access
- Library Assistive Technology Collection

Get started in Online Learning
Before you begin, we recommend that you visit online.clackamas.edu to review the answers to these questions:

- How do I find my course?
- How do I learn more about Moodle/Online Learning? (Moodle 101 Self-Guided Student Orientation)
- Where do I find Moodle Help?
- How do I participate synchronously via a Zoom meeting in my course?

QUESTIONS ABOUT ONLINE LEARNING?
Call 503-594-6632
Email online@clackamas.edu

ONLINE COURSES
Online (ONL) courses do not have specific days or times for participation but some instructors may schedule optional virtual meetings and office hours. These courses have been intentionally developed to meet online course design standards. Online courses are identified in the Schedule of Classes by the term ONLINE and also by the icon ONL.

REMOTE COURSES
Remote (REM) courses are held online at specific days and times and require students to use online tools, such as Zoom, in order to participate. Check the Schedule of Classes for the specific meeting days and times. Remote courses are identified in the schedule by the term REMOTE and also by the icon REM.

HYBRID COURSES
Hybrid (HYB) courses are completed both in-person and online. For example, students might attend a weekly lecture on-campus, and then take part in a class discussion online. The amount of time spent on-campus varies between courses. Check the Schedule of Classes for specific meeting days and times, as well as campus location information. Hybrid courses are identified in the schedule by the term HYBRID and also the icon HYB.

ALL COURSES
Additionally, you’ll want to check the Schedule of Classes (or with your instructor) about required software, special course materials, course requirements, or prerequisites.
CLACKAMAS IN YOUR COMMUNITY

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

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, OR 97222

CCC Wilsonville Campus
29353 SW Town Center Loop East, Wilsonville, OR 97070

HARMONY COMMUNITY CAMPUS HOURS
Hours are subject to change. The campus is closed for holidays on July 5.
Student services are available through phone or email at their regular hours. Please call 503-594-0620 or check www.clackamas.edu/hours for updated information.

Building Hours
June 14 - 18 M-Th 7 a.m.-8 p.m.
F 7 a.m.-5 p.m.
June 21 - Sept. 4 M-Th 7 a.m.-10 p.m.

Student Services
June 14 - 18 M-Th 8 a.m.-6 p.m.
F 8 a.m.-5 p.m.
June 21 - Sept. 4 M-Th 8 a.m.-6 p.m.

Advising
June 14 - 18 M-Th 9 a.m.-6 p.m.
F 9 a.m.-5 p.m.
June 21 - Sept. 4 M-Th 9 a.m.-6 p.m.

Testing & Assessment
June 14 - 18 M-Th 9 a.m.-6 p.m.
F 9 a.m.-5 p.m.
June 21 - Sept. 4 M-Th 9 a.m.-6 p.m.

ITS – Information Technology Services
June 21 - Sept. 5 M-Th 7:30 a.m.-5 p.m

Tutoring Services
See posted hours on web, www.clackamas.edu/tutoring

Bookstore - Harmony West Lobby
Closed until further notice, please check the website at https://clackamas.bncollege.com
Rental Return Due Date – June 11, 2021
Rental Return labels are available on our website and in the email reminder.

WILSONVILLE HOURS
Hours are subject to change. The campus is closed for the holiday on July 5 and Sept. 6.
Student services are available through phone or email at their regular hours. Please call 503-594-0940 or check www.clackamas.edu/hours for updated information.

Building Hours 503-594-0940
Campus is closed to the public until further notice. Please check www.clackamas.edu/hours for updated information.

Student Services 503-594-0940
June 21 - Sept. 4 M-F 8 a.m.-5 p.m.

Advising Center 503-594-0959
Advising by appointment. Please call or e-mail, advisingwilsonville@clackamas.edu
June 21 - Sept. 4 M-TH 8 a.m.-7 p.m.

Testing & Assessment Center 503-594-0940
Testing by appointment. Please call or e-mail, testing.wilsonville@clackamas.edu
June 21 - Sept. 4 M-F 8 a.m.-5 p.m.

Where to find food
Harmony East Vending Machines, located in the 1st floor lobby, are stocked with hot & cold drinks, snacks and a rotating assortment of breakfast items, sandwiches, burritos, hummus & veggie trays in the chilled cooler.
There is a microwave on the 2nd floor in the common area to heat food.

To register for these classes, see Credit course listing for time, date, course registration number.
Credit and non-credit courses offered at Clackamas Community College sites near you Summer 2021

Harmony Community Campus

Complete course information available in Credit Course Listings. Indicated with: HAR

Anthropology
ANT-103 CULTURAL ANTHROPOLOGY 4 CREDITS

Communication Studies
COMM-111 PUBLIC SPEAKING 4 CREDITS
COMM-218 INTERPERSONAL COMMUNICATION 4 CREDITS

Criminal Justice
CJA-137 MASS MURDER AND SERIAL KILLERS 3 CREDITS
CJA-280 CRIMINAL JUSTICE/CORRECTIONS/CWE 2-6 CREDITS (VAR)
CJA-281 CRIMINAL JUSTICE/CORRECTIONS/CWE 2-6 CREDITS (VAR)

Emergency Medical Technology
EMT-101 EMERGENCY MEDICAL TECHNICIAN PART I 6 CREDITS
EMT-102 EMERGENCY MEDICAL TECHNICIAN PART II 6 CREDITS

English for Speakers of Other Languages
ESL-010 BEGINNING GRAMMAR 0 CREDIT
ESL-014 BEGINNING READING & WRITING 0 CREDIT
ESL-025 UPPER BEGINNING WRITING 0 CREDIT
ESL-031 INTERMEDIATE GRAMMAR B 0 CREDIT
ESL-035 INTERMEDIATE WRITING 0 CREDIT
ESL-047 EDITING PART 1 0 CREDIT
ESL-051 ADVANCED GRAMMAR B 0 CREDIT
ESL-082 ASSESS/EVALUATE NEW STUDENTS 0 CREDIT
ESL-083 EDUCATIONAL PLANNING FOR RETURNING STUDENTS 0 CREDIT

Family Studies
HDF-260 UNDERSTANDING CHILD ABUSE AND NEGLECT 4 CREDITS

Food & Nutrition
FN-110 PERSONAL NUTRITION 3 CREDITS
FN-225 NUTRITION 4 CREDITS

General Development Education (GED)
GED-011 GED IN ESPANOL 0 CREDIT
GED-015 GED PREPARATION 0 CREDIT

Geography
GEO-100 INTRODUCTION TO PHYSICAL GEOGRAPHY 4 CREDITS

Mathematics
MTH-060 ALGEBRA I 4 CREDITS
MTH-065 ALGEBRA II 4 CREDITS
MTH-095 ALGEBRA III 4 CREDITS
MTH-105 MATH IN SOCIETY 4 CREDITS
MTH-111 COLLEGE ALGEBRA 5 CREDITS
MTH-112 TRIGONOMETRY AND PRE-CALCULUS 5 CREDITS
MTH-211 FUNDAMENTALS OF ELEMENTARY MATH I 4 CREDITS

Medical Assistant
MA-110 MEDICAL TERMINOLOGY 4 CREDITS
MA-115 PHLEBOTOMY FOR MEDICAL ASSISTANTS 1 CREDIT
MA-115L PHLEBOTOMY FOR MEDICAL ASSISTANTS LAB 1 CREDIT
MA-119 MEDICAL ASSISTANT PRACTICUM 9 CREDITS
MA-121 CLINICAL LAB PROCEDURES II 1 CREDIT
MA-121L CLINICAL LAB PROCEDURES II LAB 1 CREDIT
MA-135 COMMUNICATIONS AND ETHICAL PRACTICES IN HEALTHCARE SETTINGS 3 CREDITS

Music
MUS-206 MUSIC LITERATURE: HISTORY OF ROCK 4 CREDITS

Nursing
NUR-100 NURSING ASSISTANT I 7 CREDITS
NUR-100C NURSING ASSISTANT I CLINICAL 0 CREDIT
NUR-101 CERTIFIED NURSING ASSISTANT II 5 CREDITS
NUR-101C CERTIFIED NURSING ASSISTANT II ACUTE CARE CLINICAL 0 CREDIT

Psychology
PSY-215 INTRODUCTION TO DEVELOPMENTAL PSYCHOLOGY 4 CREDITS
PSY-219 INTRODUCTION TO ABNORMAL PSYCHOLOGY 4 CREDITS

Writing
WR-121 ENGLISH COMPOSITION 4 CREDITS
WR-122 ENGLISH COMPOSITION 4 CREDITS

For information about Clackamas Community College, call 503-594-6000
## Wilsonville Campus

*Complete course information available in Credit Course Listings. Indicated with: WILS*

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<thead>
<tr>
<th>Economics</th>
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<td>EC-201 PRINCIPLES OF ECONOMICS: MICRO</td>
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<tr>
<td>EC-202 PRINCIPLES OF ECONOMICS: MACRO</td>
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<tr>
<th>History</th>
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<table>
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<tr>
<th>Mathematics</th>
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<tr>
<td>MTH-243 STATISTICS I</td>
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<tr>
<td>MTH-244 STATISTICS II</td>
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<td>MTH-251 CALCULUS I</td>
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<tr>
<td>WR-122 ENGLISH COMPOSITION</td>
<td>4</td>
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</tbody>
</table>
COURSE LISTING

Credit and non-credit Courses offered Summer 2021

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.

American Sign Language

See World Languages

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

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.

ART-121 DIGITAL TOOLS, 2 CREDITS

Anthropology

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.

Auto Body/Collision Repair and Refinishing

Must have ANSI approved eye protection first day and comply with College safety policy.

AB-280 COLLISION REPAIR/CWE, 2-6 CREDITS
Course Listing

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI-101</td>
<td>GENERAL BIOLOGY; CELLULAR BIOLOGY, 4 CREDITS</td>
</tr>
<tr>
<td>BI-102</td>
<td>GENERAL BIOLOGY; ANIMAL SYSTEMS, 4 CREDITS</td>
</tr>
<tr>
<td>BI-103</td>
<td>GENERAL BIOLOGY; PLANTS &amp; THE ECOSYSTEM, 4 CREDITS</td>
</tr>
<tr>
<td>AM-280</td>
<td>AUTO MECHANICS/CWE, 1-6 CREDITS</td>
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</tbody>
</table>


Corequisites: CWE-281

ONL AB-280-01 310053 M. HOUSE $678.00 $66.00 $45.00 $789.00V Meets: 6/21-8/12. Required: Student Petition.

BI-231L HUMAN ANATOMY AND PHYSIOLOGY I LAB, 0 CREDIT

A lab section to the BI-231 lecture course.

Corequisites: BI-231

ONL BI-231L-01 310110 M 11-1:50 PM D. WATSON $452.00 $44.00 $55.00 $551.00 Corequisite: BI-231L-01.

BI-232L HUMAN ANATOMY AND PHYSIOLOGY II LAB, 0 CREDIT

A lab section for the BI-232 lecture course.

Corequisites: BI-232

ONL BI-232L-01 310115 T 11-1:50 PM S. KELSEY $0.00 $0.00 $0.00 $0.00 Corequisite: BI-232L-01.

BI-233 HUMAN ANATOMY AND 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

ONL BI-233-01 310055 J. LEUCK $678.00 $66.00 $45.00 $789.00V Meets: 6/21-8/14. Required: Student Petition.

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: BI-232L-01, or BI-232, or CH-112 (preferred), or CH-104 and CH-105, or CH-221 and CH-222

Corequisites: BI-231

ONL BI-103-40 310103 K. OSTLUND $452.00 $44.00 $55.00 $551.00 Labs are completed at home using a kit provided by the college.

Automotive Service Technology

Must have ANSI approved eye protection first day and comply with College safety policy.

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

Cooperative work experience. Work-related learning experience in an auto repair shop or auto dealership. Variable Credit: 1-6 credits. Required: Student Petition.

Corequisites: CWE-281

ONL AM-280-01 310085 J. LEUCK $678.00 $66.00 $45.00 $789.00V R. LOCKWOOD N. MILLER Meets: 6/21-8/14. Required: Student Petition.

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

Corequisite: BI-232-01.

ONL BI-101-40 310100 S. SOLL $452.00 $44.00 $55.00 $551.00 Labs are completed at home using a kit provided by the college.

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

Corequisite: BI-232L-01.

ONL BI-102-40 310102 A. KAPILA $452.00 $44.00 $55.00 $551.00 Labs are completed at home using a kit provided by the college.

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

Corequisite: BI-231.

ONL BI-103-40 310103 K. OSTLUND $452.00 $44.00 $55.00 $551.00 Labs are completed at home using a kit provided by the college.

BI-112 GENERAL BIOLOGY FOR HEALTH SCIENCES, 4 CREDITS

A one-term preparatory course that introduces the Health Occupations student to the scientific method, molecular and cellular biology, principles of inheritance, natural selection, tissues and organ systems. Topics and skills covered prepare students to enter BI-231, Anatomy & Physiology and BI-234, Introductory Microbiology.

Recommended Corequisite: CH-112

Recommended: MTH-060 or MTH-098 or placement in MTH-065, and WRD-098 or placement in WR-121

Rem BI-112-40 310105 T 9-10:50 AM J. BOWN $452.00 $44.00 $55.00 $551.00 Meets: 6/21-8/29. Lab included.

BI-231 HUMAN ANATOMY & PHYSIOLOGY I, 4 CREDITS

A lab course designed for students entering the physical education or medically-related fields. Includes body organization, terminology, tissues and systemic study of the integumentary, skeletal and nervous systems. Animal organ dissection required.

Prerequisites: BI-112 (preferred), or BI-101 and BI-102, or BI-211. CH-112 (preferred), or CH-104 and CH-105, or CH-221 and CH-222

ONL BI-231-01 310107 MW 9-10:20 AM D. WATSON $452.00 $44.00 $55.00 $551.00 Corequisite: BI-231L-01.

BI-231L HUMAN ANATOMY AND PHYSIOLOGY I LAB, 0 CREDIT

A lab section to the BI-231 lecture course.

Corequisites: BI-231

ONL BI-231L-01 310110 M 11-1:50 PM D. WATSON $0.00 $0.00 $0.00 $0.00 Corequisite: BI-231L-01.

BI-232 HUMAN ANATOMY & PHYSIOLOGY II, 4 CREDITS

Lab course covering structure and function of the muscular, cardiovascular, lymphatic, and respiratory systems. Animal organ dissection required.

Prerequisites: BI-231 with a C or better

ONL BI-232-01 310112 TTH 9-10:20 AM D. WATSON $452.00 $44.00 $55.00 $551.00 Corequisite: BI-232L-01.

BI-232L HUMAN ANATOMY AND PHYSIOLOGY II LAB, 0 CREDIT

A lab section for the BI-232 lecture course.

Corequisites: BI-232

ONL BI-232L-01 310115 T 11-1:50 PM S. KELSEY $0.00 $0.00 $0.00 $0.00 Corequisite: BI-232L-01.
## Course Listing

### Business Administration

**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. In addition, students are introduced to current opportunities in seeking an AAS degree and/or current certificate offerings within the CCC Business Department.

**Recommended:** WRD-090 or placement in WRD-098

<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Crs Reg.</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
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<th>Tuition</th>
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</table>

**BA-104  BUSINESS MATH, 3 CREDITS**

Apply mathematics to a variety of transactions found in the business world, from finance to project management, and from sales to accounting, including: taxes, product or service mark-ups and markdowns; simple and discounted interest; present and future value of a single sum of money and annuities; gains, losses, and valuations of stocks, bonds, mutual funds, and other investments; depreciation; inventory valuation; and financial ratio analysis. This course meets the Related Instruction Computation requirement.

**Prerequisites:** MTH-020

<table>
<thead>
<tr>
<th>Course No</th>
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<th>Instructor</th>
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<th>Days (M,T,W,TH,F,S,SU)</th>
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</table>

**BA-111  GENERAL ACCOUNTING I, 3 CREDITS**

Introduces the terminology and processes of full-cycle, modified cash and accrual based bookkeeping for small service and merchandising businesses with inventory. Focus is on how to analyze and record financial transactions, reconcile accounts and trial balances, and prepare basic financial statements. Additional topics include cash management, bank reconciliations, accounting for sales and purchase discounts. Emphasizes procedure and practice.

**Recommended:** Placement in MTH-020

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<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
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</table>

**BA-131  INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS**

Introductory course using Microsoft Word, Excel, Access, and PowerPoint applications to create business documents.
### Course Listing

**2021/SU**

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA-213-01</td>
<td>PERSONAL KEYBOARDING, 2 CREDITS</td>
</tr>
<tr>
<td>BA-280-01</td>
<td>BUSINESS/CWE, 3-6 CREDITS</td>
</tr>
<tr>
<td>BA-285-01</td>
<td>HUMAN RELATIONS IN BUSINESS, 4 CREDITS</td>
</tr>
<tr>
<td>BT-120-01</td>
<td>PERSONAL FINANCE, 4 CREDITS</td>
</tr>
</tbody>
</table>

**Building on the Introduction to Financial Accounting**, this course focuses on managerial accounting, which is the language of business for internal management in manufacturing and service organizations. Managerial accounting drives effective operational decisions by analyzing the components and flow of costs for products and services, as well as for jobs, activities, and segments. Budgets convey an organization’s plan of operations, while performance measurement compares variances with actual results. This course is recommended for those interested in business in general, as well as for those planning a career in accounting.

**Prerequisites:** BA-211

- **BA-218 PERSONAL FINANCE, 4 CREDITS**
  - Analysis and application of basic principles of personal finance including budgeting and spending, financial decision-making, use of credit, saving and investing, home purchase, taxes, risk management, retirement planning, estate planning, and other major personal finance topics.
  - **Prerequisites:** BA-104 or MTH-050 or higher, and WRD-098

- **BA-226 BUSINESS LAW I, 4 CREDITS**
  - Includes concepts, principles, and rules of law applicable to business and personal transactions, with emphasis on sources of law, the U.S. Constitution, personal and business torts and crimes, case-based applications, ethics, and consumer contract law.
  - **Recommended:** WRD-090 or placement in WRD-098

- **BA-228 BUSINESS/CWE, 3-6 CREDITS**
  - 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

- **BA-285 HUMAN RELATIONS IN BUSINESS, 4 CREDITS**
  - Introduces the theory and practical application of human relations at the individual, group, and organizational levels. Emphasizes psychological principles that help build relationships among employees and employers. Includes goal setting, motivation, communication, leadership, conflict management, and individual and group behavior.
  - **Recommended:** WRD-090 or placement in WRD-098

**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.

- **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.

- **BT-122 KEYBOARDING SKILLBUILDING, 2 CREDITS**
  - Designed to improve typing proficiency using the standard keyboard. Students will refine and further develop speed and accuracy skills learned in BT-120 Personal Keyboarding as well as refine the proper formatting of various types of business letters, learn the proper format of an interoffice memo, and review and utilize proper email etiquette within a business setting. Students will utilize MS Word to create letters and memos.

- **BT-124 BUSINESS EDITING I, 3 CREDITS**
  - Course builds communication skills through the study of correct usage of grammar, spelling, vocabulary usage, effective writing, and editing principles.
  - **Recommended:** WRD-090 or placement in WRD-098

- **BT-125 BUSINESS EDITING II, 3 CREDITS**
  - This course follows BT-124 and uses the second half of the same textbook. It covers additional new grammar rules, in addition to other punctuation, capitalization, and numbers. The course also covers composing business communication documents such as memorandums, letters, and reports, as well as using effective communication in a business environment.

**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.
### Course Listing

#### Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**Prerequisites:** MTH-065 or MTH-098 or placement in MTH-095; and WRD-090 or placement in WRD-098

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**CH-104**

**ONL** | **CH-104-40** | 310126 | S. MCDONALD | $565.00 | $55.00 | $50.00 | $670.00 | $565.00


**CH-105**

**INTRODUCTORY CHEMISTRY, 5 CREDITS**

A lab 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

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**CH-106**

**ONL** | **CH-106-40** | 310130 | G. BURGESS | $565.00 | $55.00 | $50.00 | $670.00 | $565.00


**CH-107**

**INTRODUCTORY CHEMISTRY, 5 CREDITS**

A lab course discussing organic and biochemistry.

**Prerequisites:** CH-105

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**CH-112**

**CHEMISTRY FOR HEALTH SCIENTISTS, 4 CREDITS**

One-term preparatory chemistry course for students who want to take BL-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

**Recommended Corequisites:** BI-112

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**CH-223**

**GENERAL CHEMISTRY, 5 CREDITS**

A lab course discussing states of matter, solutions, acids and bases, electrochemistry, nuclear chemistry, and spectroscopy. Topics involving organic chemistry and biochemistry are introduced.

**Prerequisites:** CH-222

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**CH-223L**

**GENERAL CHEMISTRY LAB, 0 CREDIT**

Lab course for the CH-223 lecture course.

**Corequisites:** CH-223

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**CH-223S**

**GENERAL CHEMISTRY SEMINAR, 0 CREDIT**

Seminar course for the CH-223 lecture course.

**Corequisites:** CH-223

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

### 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

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**COMM-218**

**INTERPERSONAL COMMUNICATION, 4 CREDITS**

Analyzes the complexities of the interpersonal communication process in personal and professional settings. Subjects include self-concept, cultural identity, verbal and nonverbal messages, listening, conflict styles, and effective communication strategies.

**Recommended:** WRD-098 or placement in WR-121

| Course No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**COMM-280**

**SPEECH/CWE, 2-6 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 No | Course Title, Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---

### Computer Science

#### CS-120

**SURVEY OF COMPUTING, 4 CREDITS**

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.

**Required:** Flash drive

**Prerequisites:** Placement in CS-120, and WRD-098 or placement in WR-121

| Course No | Course Title,Credits | Section No | Crs Reg | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
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**Campus Locations:**

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**Distance Education Notification:**

**ONL:** Online Only
**REM:** Remote (w/ scheduled meetings)
**HYB:** Combines traditional in-class time with computer-based learning.

**Other Coding Translations:**

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**VAR:** Variable credit class

**ESPAÑOL:** Taught in Spanish
**LCT:** Low-Cost Text

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## Course Listing

### Course No | Course Title, Credits
---|---
CS-120-30 | 309918 | D. SARGENT | $452.00 | $44.00 | $12.00 | $508.00

### CS-125H | HTML & WEB SITE DESIGN, 3 CREDITS
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 FTP clients, accessibility checkers, and validators.

**Recommended:** CS-120 or equivalent experience

### ONL | CS-125H-30 | 309919 | M. SORRENTINO | $339.00 | $33.00 | $12.00 | $384.00

### CS-280 | COMPUTER SCIENCE/CWE, 1-6 CREDITS
Cooperative Work Experience. This course provides supervised work experience to supplement the academic classroom environment. Work examples include user support, work with computer applications or programming languages, installation or management PC computer systems, and developing websites. Variable Credit: 1-6 credits. May be repeated for up to 9 credits. Required: Student Petition.

**Corequisites:** CWE-281

### ONL LCT | CS-280-01 | 309921 | R. ALBERS | $678.00 | $66.00 | $45.00 | $789.00

### Computer-Aided Drafting Technology

**Call 503-594-3318 for more information, or contact Advising, 503-594-3475.**

### CDT-108A | INTRODUCTION TO SOLIDWORKS, 3 CREDITS
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.

### REM | CDT-108A-01 | 310123 | MW | 4:30-6:45 PM | M. ROTUNDO | $339.00 | $33.00 | $144.75 | $516.75

### 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 https://www.clackamas.edu/cwe or call 503-594-3511 for more information.

### 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. Variable Hours: 11-16 hours.

**Corequisites:** Program specific CWE course

### Criminal Justice

**For more information on Criminal Justice, Corrections, credit for completion of D.P.S.S.T. or law enforcement academies contact Sharron Furno at sharron.furno@clackamas.edu or 503-594-6224.**

### 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.

### ONL | CJA-137-01 | 309791 | W. BABST | $339.00 | $33.00 | $0.00 | $372.00

### ONL | CJA-137-02 | 309792 | W. BABST | $339.00 | $33.00 | $0.00 | $372.00

### CJA-280 | CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6 CREDITS (VAR)
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

### CJA-280-01 | 309793 | S. FURNO | $678.00 | $66.00 | $45.00 | $789.00

### CJA-281 | CRIMINAL JUSTICE/CORRECTIONS/CWE, 2-6 CREDITS (VAR)
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 and CJA-280

**Corequisites:** CWE-281

### Digital Media Communications

**Other Coding Translations:**

- TBA: To be arranged: contact department first class
- VAR: Variable credit class

**SPANOL:** Taught in Spanish

**LCT:** Low-Cost Text
### Course Listing

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<thead>
<tr>
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<tr>
<td>DMC-280</td>
<td>DIGITAL MEDIA COMMUNICATIONS/CWE, 3-6 CREDITS</td>
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<td></td>
<td>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.</td>
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### Economics

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

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<tbody>
<tr>
<td>ECE-280</td>
<td>EARLY CHILDHOOD EDUCATION/CWE, 3 CREDITS</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
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<td>Corequisites: CWE-281</td>
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<td>D. GLASCOCK</td>
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<th>Course Title, Credits</th>
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<tr>
<td>ED-169</td>
<td>OVERVIEW OF STUDENTS WITH SPECIAL NEEDS, 3 CREDITS</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>

### Other Codes

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### Campus Locations

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### English for Speakers of Other Languages

- **See Writing**

- **web:clackamas.edu 21**
## Course Listing

### 2021/SU

<table>
<thead>
<tr>
<th>Course No</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
<th>Tuition</th>
<th>Fee</th>
<th>Time</th>
<th>Total</th>
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<td>ESL-010-01</td>
<td>M. CULLEY</td>
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<td>J. RUEDA</td>
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<tr>
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</table>

### New Students Attending Classes at CCC or Harmony

All new students attending classes at CCC 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.

Todos 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.

### Additional Information

- **Beginning Grammar, 0 Credit**: English language learners study and practice the simple present tense of the verb to be, nouns, descriptive and possessive adjectives, prepositions of place and time, and simple sentence structures in written and spoken English. Required: Student Petition.
- **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.
- **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.

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

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days <em>(M,T,W,TH,F,S,SU)</em></th>
<th>Tuition</th>
<th>Fee</th>
<th>Time</th>
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Distance Education Notification:
ONL: Online Only
REM: Remote (w/ scheduled meetings)
HYB: Combines traditional in-class time with computer-based learning.

Other Coding Translations:
TBA: To be arranged: contact department first class
VAR: Variable credit class

Student Petition.

ONE OF A THREE-PART SERIES. ENGLISH LANGUAGE LEARNERS STUDY AND PRACTICE COUNT/COUNT NOUNS, DEFINITE/INDEFINITE ARTICLES, AND NOUN CLAUSES IN WRITTEN AND SPOKEN ENGLISH. REQUIRED: STUDENT PETITION.

REQUIRED: STUDENT PETITION.

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.

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.

ENGLISH LANGUAGE LEARNERS HAVE 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.

ENGLISH LANGUAGE LEARNERS STUDY AND PRACTICE THE SIMPLE PRESENT TENSE OF THE VERB "TO BE," NOUNS, DESCRIPTIVE AND POSSESSIVE ADJECTIVES, PREPOSITIONS OF PLACE AND TIME, AND SIMPLE SENTENCE STRUCTURES IN WRITTEN AND SPOKEN ENGLISH. REQUIRED: STUDENT PETITION.

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.

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.

ENGLISH LANGUAGE LEARNERS STUDY AND 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.

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.

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.

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.
Course Listing

Course No | Course Title, Credits | Section No | Instructor | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total
---|---|---|---|---|---|---|---|---|---
PIE-042-01 | INTRODUCTION TO LITERATURE: FICTION, 4 CREDITS | 309961 | A. FRANZONI | TTH | 11:30 -1:20 PM | $339.00 | $33.00 | $240.00 | $612.00

ENG-104 | INTRODUCTION TO LITERATURE: FICTION, 4 CREDITS | ENG-104-01 | A. WARREN | W | 10-12:35 PM | $452.00 | $44.00 | $0.00 | $496.00

ENG-226 | POPULAR LITERATURE, 4 CREDITS | ENG-226-01 | T. DONNELLY | W | $452.00 | $44.00 | $0.00 | $496.00

ENG-260 | INTRODUCTION TO WOMEN WRITERS, 4 CREDITS | ENG-260-01 | N. ROSEVEAR | W | $452.00 | $44.00 | $0.00 | $496.00

HDF-260 | UNDERSTANDING CHILD ABUSE AND NEGLECT, 4 CREDITS | HDF-260-01 | A. COFFEY | W | $678.00 | $66.00 | $45.00 | $789.00V

Family Studies

HDF-260 | UNDERSTANDING CHILD ABUSE AND NEGLECT, 4 CREDITS | HDF-260-01 | A. COFFEY | W | $678.00 | $66.00 | $45.00 | $789.00V

Distance Education Notification:
ONL: Online Only
REM: Remote (w/ scheduled meetings)
HYB: Combines traditional in-class time with computer-based learning.

Other Coding Translations:
ONL: Taught in Spanish
REM: Low-Cost Text

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

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### Course Listing

#### Course No | Course Title, Credits | Crs Reg. | Days (M,T,W,TH,F,SU) | Time | Crs Fee | Total
--- | --- | --- | --- | --- | --- | ---
ONL HDF-260-01 | PERSONAL NUTRITION, 3 CREDITS | 311838 | | | $452.00 | $105.93

#### Tuition

- $50.00
- $496.00

#### Personal Nutrition

**FN-110**

**Course Title:** PERSONAL NUTRITION, 3 CREDITS

This course explores how nutrition affects health and fitness for the individual and the family. Students apply knowledge of nutrition guidelines to analyze personal diet and improve current food preparation habits. It is a basic nutrition course for students with little or no science background.

**ONL FN-110-01**

309804

J. NICKELL

$393.00 $33.00 $110.79 $482.79

Online textbook included in section fees.

**FN-225**

**NUTRITION, 4 CREDITS**

This course explores the role of nutrients in the development and maintenance of a healthy body. The course examines the relationship between diet and health. Students apply knowledge of nutritional adequacy through computer-aided diet analysis. It discusses current nutrition recommendations and controversies. The course meets requirements for most nursing programs.

**Recommended:** A strong background in anatomy and physiology, biology or chemistry

**ONL FN-225-01**

309805

J. NICKELL

$452.00 $44.00 $105.93 $601.93

This class fulfills the nutrition requirement for most nursing programs. Online textbook included in section fees.

**ONL FN-225-02**

309806

J. NICKELL

$452.00 $44.00 $105.93 $601.93

This class fulfills the nutrition requirement for most nursing programs. Online textbook included in section fees.

### Geographic Information Systems

**GIS-201**

**INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS, 3 CREDITS**

This course explores fundamental concepts of geographic information systems (GIS) utilizing hands-on application through a variety of laboratory exercises with industry-standard ArcGIS software. The class explores basic map principles, cartographic design, geodesy, and geospatial data manipulation while exploring ArcGIS to create, display, query, relate, classify, and analyze spatial data to create maps and answer geographic questions.

**ONL GIS-201-01**

314544

C. FELDMAN

$452.00 $44.00 $0.00 $496.00


### 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:** WEB, MTWTH, 10-11:50AM

**ABE/GED Days/Harmony Campus:** WEB, MTWTH, 1-2:50PM

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

**MINORITY RECRUITMENT PROGRAM**

Students may be required to take one or more GED classes and exams. All students should meet with their Academic Advisor at least once a quarter. Some sections require a mandatory pretest assessment, which is taken at the Clackamas Community College Testing Center. For more information, please call 503-594-3475.

**Course No | Course Title, Credits | Crs Reg. | Days (M,T,W,TH,F,SU) | Time | Crs Fee | Total**
--- | --- | --- | --- | --- | --- | ---
REM ESPAÑOL | GED-011-01 | 310079 | MW | 5:30-7:50PM | $50.00 | $50.00

A. ARISTIZABAL


**REM ESPAÑOL | GED-011-02 | 310082 | TTH | 6-8:50PM | $50.00 | $50.00

A. ARISTIZABAL


**REM | GED-015-17 | 310087 | W | 5:30-7:50PM | $50.00 | $50.00

TBA


**REM | GED-015-67 | 310088 | MTWTH | 1-2:50PM | $55.00 | $55.00

TBA


**REM | GED-015-80 | 310091 | MTWTH | 10-11:50AM | $55.00 | $55.00

TBA


### Geographic Information Systems

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

### Geography

**GEO-100**

**INTRODUCTION TO PHYSICAL GEOGRAPHY, 4 CREDITS**

This course explores the physical elements of the Earth’s surface and atmosphere. Focuses on natural processes that create physical diversity on the Earth including weather and climate, biosphere, soils and landforms and explores how these influence human cultural settlement activities.

**Recommended:** WRD-090 or placement in WRD-098

**ONL GEO-100-30**

310094

C. FELDMAN

$452.00 $44.00 $0.00 $496.00


### German

**See World Languages**
Gerontology

GRN-280  GERONTOLOGY/CWE, 2-6 CREDITS (VAR)
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>
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<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
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<th>Crs Reg.</th>
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<th>Tuition</th>
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</table>
| GRN-280-01 | 309795 | J. LOVELESS | $678.00 | $66.00 | $45.00 | $789.00V | Y. SMITH | Meets: 6/21-8/12. Required: Student Petition. Corequisite: CWE-281-01.

Health

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.

<table>
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<tr>
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<th>Course Title, Credits</th>
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| HE-204-01 | 310150 | K. STEEN | $339.00 | $33.00 | $0.00 | $372.00 | Meets: 6/21-8/12.

HE-250  PERSONAL HEALTH, 3 CREDITS
This course is designed to help students gain an overall understanding of information basic to the field of health, to help them critically evaluate health information, and to promote positive attitudes, values, and behaviors in regard to personal health.

<table>
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<th>Course No</th>
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</table>
| HE-250-01 | 310154 | K. STEEN | $339.00 | $33.00 | $0.00 | $372.00 | Meets: 6/21-8/12.

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>
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<tr>
<th>Course No</th>
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| HE-252-01 | 310156 | K. ARIZO | $339.00 | $33.00 | $35.00 | $407.00 | Meets: 8/9 & 8/11

Health & Fitness

HPE-295  HEALTH & FITNESS FOR LIFE, 3 CREDITS
This course explores interaction of the nine dimensions of wellness (health). All of the related assignments are online. Students will assess their level of the health related components of fitness and develop an exercise plan for maintenance/improvement. Students are expected to spend a minimum of 3 hours per week exercising. Related topics include: nutrition, stress reduction, relaxation techniques, goal setting, and weight control.
Recommended: A completed physical by a doctor

For more information call 503-594-3292 or email lorettam@clackamas.edu.

1st AID CPR AED certification.

HIST-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

<table>
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<th>Fee</th>
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</table>
| HIST-101-01 | 310104 | P. MCFARLAND | $452.00 | $44.00 | $0.00 | $496.00 | Meets: 6/21-8/12.

HIST-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

<table>
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<th>Course No</th>
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| HIST-102-01 | 310106 | P. MCFARLAND | $452.00 | $44.00 | $0.00 | $496.00 | Meets: 6/21-8/12.

HIST-201  HISTORY OF THE UNITED STATES, 4 CREDITS
Covers the period in American history from first European contact through the Age of Jackson. Recommended: Sequence of HST-201, HST-202, and HST-203 is taken in order

<table>
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<tr>
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</table>
| HIST-201-15 | 310108 | J. JARVIE | $452.00 | $44.00 | $54.38 | $550.38 | Meets: 6/21-8/12. Online textbook included in section fees.

Horticulture/Arboriculture/Landscape/Organic Farming

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.

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</table>
| HOR-146-01 | 310158 | T. LORDY | $339.00 | $33.00 | $40.00 | $412.00 | Meets: Mondays, outdoors at the Home Orchard Education Center on the OC campus.

HOR-211  NATIVE PLANT IDENTIFICATION, 1 CREDIT
Identification and use of plants native to the Pacific Northwest and the use of plant keys.

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</table>
| HOR-211-01 | 310159 | M. MELCO | $113.00 | $11.00 | $40.00 | $164.00 | Meets: Remote 6/29-7/27; on-campus labs 7/13 & 7/27.

HOR-280  HORTICULTURE/CWE, 3 CREDITS

Campus Locations:
HAR: Harmony Community Campus
OC: Oregon City Campus
WILS: Wilsonville Training Center
OFF: Other Off-Campus Location
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REM: Remote (w/ scheduled meetings)
ONL: Online Only
HYB: Combines traditional in-class time with computer-based learning.
Other Coding Translations:
TBA: To be arranged: contact department first class
Taught in Spanish
LCT: Low-Cost Text
For information about Clackamas Community College, call 503-594-6000
## Course Listing

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
<th>Instructor</th>
<th>Crs Reg.</th>
<th>Days (M,T,W,TH,F,SU)</th>
<th>Tuition</th>
<th>Fee</th>
<th>Credits</th>
<th>Time</th>
<th>Crs. Fee</th>
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<td>HS-103-01</td>
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<td>USING DIAGNOSTIC CRITERIA IN ADDICTION TREATMENT, 1 CREDIT</td>
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### Human Services

- **Distance Education Notification:**
  - **ONL:** Online Only
  - **REM:** Remote (w/ scheduled meetings)
  - **HYB:** Combines traditional in-class time with computer-based learning.

- **Other Coding Translations:**
  - **TBA:** To be arranged: contact department first class
  - **VAR:** Variable credit class

- **ESPAÑOL:** Taught in Spanish
- **LCT:** Low-Cost Text

For information about Clackamas Community College, call 13

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Campus Locations:
- **HAR:** Harmony Community Campus
- **OC:** Oregon City Campus
- **WILS:** Wilsonville Training Center
- **OFF:** Other Off-Campus Location

Distance Education Notification:
- **ONL:** Online Only
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www.clackamas.edu 27
### Course Listing

#### Course No | Course Title, Credits | Instructor | Section No | Days (M,T,W,TH,F,S,SU) | Time | Crs Reg. | Crs Fee | Tuition | Fee | Total
---|---|---|---|---|---|---|---|---|---|---
OC | HS-280-01 311843 | J. LOVELESS | $678.00 | $66.00 | $45.00 | $789.00V | Y. SMITH | Meets: 6/21-8/12. Required: Student Petition. Corequisite: CWE-281-06.  
OC | HS-281-01 311844 | J. LOVELESS | $678.00 | $66.00 | $45.00 | $789.00V | Y. SMITH | Meets: 6/21-8/12. Required: Student Petition. Corequisite: CWE-281-06.  
OC | HS-282-01 311845 | J. LOVELESS | $678.00 | $66.00 | $45.00 | $789.00V | Y. SMITH | Meets: 6/21-8/12. Required: Student Petition. Corequisite: CWE-281-06.  
OC | HS-280-01 311843 | J. LOVELESS | $678.00 | $66.00 | $45.00 | $789.00V | Y. SMITH | Meets: 6/21-8/12. Required: Student Petition. Corequisite: CWE-281-06.  
OC | HS-281-01 311844 | J. LOVELESS | $678.00 | $66.00 | $45.00 | $789.00V | Y. SMITH | Meets: 6/21-8/12. Required: Student Petition. Corequisite: CWE-281-06.  
OC | HS-282-01 311845 | J. LOVELESS | $678.00 | $66.00 | $45.00 | $789.00V | Y. SMITH | Meets: 6/21-8/12. Required: Student Petition. Corequisite: CWE-281-06.  

### Humanities

#### HUM-160  FAITH & REASON, 4 CREDITS
An introduction of how personal concepts of faith & reason and institutions of science & religion shape personal intellectual landscapes. Examines classical philosophy, sacred texts, worldviews, modern fiction, poetry, theology, cosmology, and evolutionary biology. 
Recommended: WRD-098 or placement in WR-121  
ONL | HUM-160-01 310109 | J. SHELTON | $452.00 | $44.00 | $0.00 | $496.00 | Meets: 6/21-8/12.  

### Journalism

#### J-280  JOURNALISM/CWE, 2-6 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  
ONL | J-280-01 309922 | M. JONES | $678.00 | $66.00 | $45.00 | $789.00V | Meets: 6/21-8/12. Required: Student Petition.  

#### J-280A  PUBLIC RELATIONS/CWE, 2-6 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.  
ONL | J-280A-01 309924 | M. JONES | $678.00 | $66.00 | $45.00 | $789.00V | Meets: 6/21-8/12. Required: Student Petition.  

### 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.  
ONL | LIB-101-01 310179 | K. LEEK | 0.00 | 0.00 | 0.00 | 0.00 | Meets: 6/21-8/22.  
ONL | LIB-101-02 310180 | J. TUCKER | 0.00 | 0.00 | 0.00 | 0.00 | Meets: 6/21-8/22.  

### Machine Tool Technology

#### MTT-111  MANUAL MACHINING I, 5 CREDITS
This course is an introduction to machine tool operation and precision measurement. It covers elementary operation of drill presses, bandsaws, lathes, and milling machines. The course includes external threading. 
Recommended Prequisite Or Corequisite: MFG-104 and MTH-050  
ONL | MTT-111-01 314514 | C. LETTENMAIER | $565.00 | $55.00 | $237.50 | $857.50 | G. LUDLAM | Meets: 6/21-8/12.  

#### MTT-112  MANUAL MACHINING II, 5 CREDITS
This course is a continuation of machine tool operations. It covers set-up and operation of the vertical milling machine, lathe boring techniques, surface grinding and screw thread nomenclature. 
Prerequisites: MTT-111  
ONL | MTT-112-01 314515 | C. LETTENMAIER | $565.00 | $55.00 | $237.50 | $857.50 | G. LUDLAM | Meets: 6/21-8/12.  

#### MTT-113  MANUAL MACHINING III, 5 CREDITS
This course is a continuation of machine tool operations. Topic covered include offset boring heads, rotary tables, indexing devices, taper attachments and cylindrical grinding. Additional emphasis is also placed on inspections technique, technical math and optical comparators. 
Prerequisites: MTT-112  
ONL | MTT-113-01 314516 | C. LETTENMAIER | $565.00 | $55.00 | $237.50 | $857.50 | G. LUDLAM | Meets: 6/21-8/12.  

### 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 Advising, 503-594-3475.
<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
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<th>Total</th>
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**MTH-010 FUNDAMENTALS OF ARITHMETIC, 4 CREDITS**
This first course in arithmetic reviews operations on whole numbers, basic fractions, decimals, measurement, and basic geometry.

**MTH-020 FUNDAMENTALS OF ARITHMETIC II, 4 CREDITS**
This second course in arithmetic is a prerequisite for the three math pathways. It reviews mathematical foundations such as fractions, percents, geometry, and effective study skills.

**MTH-050 TECHNICAL MATHEMATICS I, 4 CREDITS**
Designed for career-technical students. Topics focus on critical thinking, problem solving, and mathematical communication using applications of arithmetic, measurement, geometry, and statistics and probability.

**MTH-050ES MATEMÁTICAS TÉCNICAS I, 4 CREDITS**
Este curso está diseñado para estudiantes de carreras técnicas. Los temas se centran en el pensamiento crítico, la resolución de problemas y la comunicación matemática utilizando aplicaciones de aritmética, mediciones, geometría, estadística y probabilidades.

**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.

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**Instructor Contact Information:**
- Charles.Lettenmaier@clackamas.edu or 503-594-3535

**Course Descriptions:**

**MTH-020**
Prerequisites: MTH-010 with a C or better, or placement in MTH-020
Corequisites: MTH-020 with a C or better, or placement in MTH-050 or higher

**MTH-050**
Prerequisites: MTH-020 con una C o mejor, o ubicación en MTH-050 o superior
Corequisites: CWE-281
MTH-060- ALGEBRA II, 4 CREDITS
The second term of topics in algebra using the rule-of-four approach: graphs, tables, words, and equations. This course emphasizes algebraic skills, as well as problem solving and graphical techniques with the use of a graphing utility.
Prerequisites: MTH-060 with a C or better, or placement in MTH-065

MTH-065- 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

MTH-095- ALGEBRA III, 4 CREDITS
The second term of topics in algebra using the rule-of-four approach: graphs, tables, words, and equations. This course emphasizes algebraic skills, as well as 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

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-060, MTH-065, or MTH-098

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 WR-121

MTH-111- COLLEGE ALGEBRA, 5 CREDITS
A transfer course designed for students preparing for trigonometry, statistics, or calculus. The focus is on the analysis of piecewise, polynomial, rational, exponential, logarithmic, power functions and their properties. These functions will be explored symbolically, numerically and graphically in real life applications and mathematical results will be analyzed and interpreted in the given context. The course will also include transformations, symmetry, composition, inverse functions, regression, the binomial theorem and an introduction to sequences and series.
Prerequisites: MTH-095 with a C or better, or placement in MTH-111
Recommended: WRD-098 or placement in WR-121

MTH-112- TRIGONOMETRY AND PRE-CALCULUS, 5 CREDITS
A transfer course designed to prepare students for calculus using an AMATYC standards-based approach utilizing the rule of four to analyze elementary functions and applications. Topics include right-triangle trigonometry, trigonometric functions developed from the unit circle, inverse trigonometric functions, using trigonometry to model and solve applications, trigonometric identities, polar functions, parametric functions, and vectors.
Prerequisites: MTH-111 with a C or better, or placement in MTH-112
Recommended: WRD-098 or placement in WR-121

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2021/SU
MTH-211  FUNDAMENTALS OF ELEMENTARY MATH I, 4 CREDITS
A course designed to teach students to understand the basic concepts of mathematics and provide ideas for teaching these concepts to elementary school children. Focuses on math anxiety and mindset, problem-solving, and arithmetic. MTH-211, 212, and 213 can be taken in any order.
Prerequisites: MTH-095 with a C or better, or placement in MTH-111
Recommended: WRD-098 or placement in WR-121

MTH-213  FUNDAMENTALS OF ELEMENTARY MATH III, 4 CREDITS
A course designed to teach students to understand the basic concepts of mathematics and provide ideas for teaching these concepts to elementary school children. Focuses on geometry. MTH-211, 212, and 213 can be taken in any order.
Prerequisites: MTH-095 with a C or better, or placement in MTH-111
Recommended: WRD-098 or placement in WR-121

MTH-243  STATISTICS I, 4 CREDITS
An introduction to Descriptive and Inferential Statistics explores how data summaries are produced so that we can better understand the data-based information that we encounter in our lives and careers. In this exploration, we will touch on the topics of graphical depictions and verbal descriptions of datasets, discrete and continuous probability models including binomial and normal distributions, sampling distributions, introduction to inferential statistics, and confidence intervals.
Prerequisites: MTH-105 or MTH-111 with a C or better, or placement in MTH-211
Recommended: WRD-098 or placement in WR-121

MTH-251  CALCULUS I, 5 CREDITS
For science, engineering, and mathematics students, this is the first course in the four-term Calculus sequence. Focuses on the analysis of functions using limits and differential calculus. Emphasis on applying calculus concepts and techniques to model and solve appropriate real-world applications.
Prerequisites: MTH-112 with a C or better, or placement in MTH-251
Recommended: WRD-098 or placement in WR-121

MTH-252  CALCULUS II, 5 CREDITS
For science, engineering, and mathematics students, this is the second course in the four-term Calculus sequence. Focuses on understanding integral calculus and using anti-differentiation techniques. Emphasis on applying the calculus to model and solve appropriate real-world applications.
Prerequisites: MTH-251 with a C or better
Recommended: WRD-098 or placement in WR-121

MTH-253  CALCULUS III, 5 CREDITS
Investigates indeterminate forms, improper integrals, convergence of sequences and series, power series, Taylor series and Taylor polynomials, error analysis of numerical estimates, complex numbers and the Euler formula, parametric equations, vectors, dot products, and the geometry of lines and planes in space.
Prerequisites: MTH-252 with a C or better
Recommended: WRD-098 or placement in WR-121

MTH-254  VECTOR CALCULUS, 5 CREDITS
This course is an introduction to the study of vectors and analytic geometry in three-space, the calculus of vector-valued functions, and the calculus of several variables.
Prerequisites: MTH-252 with a C or better

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
**Course Listing**

### 2021/SU

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<th>Tuition</th>
<th>Fee</th>
<th>Crs. Fee</th>
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<td>K. MAYNARD</td>
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<td>$113.00</td>
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<td>$15.00</td>
<td>$139.00</td>
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</table>

### Medical Assistant

**For more information, contact Health Sciences at healthsciences@clackamas.edu**

**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.

**Prerequisites:** MA-116, MA-117, MA-117L, MA-118, MA-118L, and WRD-098 or placement in WR-121

**Corequisites:** MA-115, MA-119, MA-121, and MA-121L

**Recommended:** MTH-252 with a C or better

**Required:** Student must be enrolled in current Medical Assistant cohort

**MA-115** PHLEBOTOMY FOR MEDICAL ASSISTANTS, 1 CREDIT

The focus of this course is to understand appropriate blood specimen procurement techniques using vacutainer, syringe, ‘winged infusion’/butterfly with syringe and capillary puncture methods and associated safety techniques. Other specifics of the blood specimen testing requirements, such as collection into the correct evacuated tube (additive), specimen handling procedures, collections of newborn screen and collection documentation are also covered; while assuring a safe, confidential and professional environment for the patient, and as the phlebotomy technician. Required: Student Petition.

**Corequisites:** MA-115L, MA-119, MA-121, and MA-121L

**Prerequisites:** MA-116, MA-117, MA-117L, MA-118, MA-118L, and MTH-054

**Required:** Student must be enrolled in current Medical Assistant cohort

**MA-115L** PHLEBOTOMY FOR MEDICAL ASSISTANTS LAB, 1 CREDIT

This lab course is designed to instill a basic understanding of simple, common laboratory terminology and procedures used in a general medical office laboratory to aid the physician in the diagnosis and treatment of disease. Laboratory safety, the prevention of blood born disease transmission and scope of practice will be emphasized. Continuation of the Clinical Laboratory Procedures series. Required: Student Petition.

**Corequisites:** MA-115, MA-115L, MA-119, and MA-121L

**Prerequisites:** MA-116, MA-117, MA-117L, MA-118, MA-118L, and MTH-054

**Required:** Student must be enrolled in current Medical Assistant cohort

**MA-121** CLINICAL LAB PROCEDURES II, 1 CREDIT

Designed to instill a basic understanding of simple, common laboratory terminology and procedures used in a general medical office laboratory to aid the physician in the diagnosis and treatment of disease. Laboratory safety, the prevention of blood born disease transmission and scope of practice will be emphasized. Continuation of the Clinical Laboratory Procedures series. Required: Student Petition.

**Corequisites:** MA-115, MA-115L, MA-119, and MA-121L

**Prerequisites:** MA-116, MA-117, MA-117L, MA-118, MA-118L, and MTH-054

**Required:** Student must be enrolled in current Medical Assistant cohort

**MA-121L** CLINICAL LAB PROCEDURES II LAB, 1 CREDIT

This lab course is designed to instill a basic understanding of common laboratory terminology and procedures used in a general medical office laboratory to aid the physician in the diagnosis and treatment of the disease. Laboratory safety, the prevention of blood borne disease transmission and scope of practice will be emphasized. Continuation of the Clinical Laboratory Procedures series. Required: Student Petition.

**Corequisites:** MA-115, MA-115L, MA-119, and MA-121

**Prerequisites:** MA-116, MA-117, MA-117L, MA-118, MA-118L, and MTH-054

**Required:** Student must be enrolled in current Medical Assistant cohort

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- VAR: Variable credit class

**ESPAÑOL:** Taught in Spanish

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

<table>
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<th>Course No.</th>
<th>Course Title, Credits</th>
<th>Section No.</th>
<th>Instructor</th>
<th>Crs. Reg.</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
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<td>ICD-10, CPT AND HCPCS CODING II, 5 CREDITS</td>
<td>This course will demonstrate fundamental medical coding skills for professional services, such as physicians, mid-level providers, etc. Students will explore the basics of diagnostic and procedural medical coding related to the International Classification of Diseases, Revision 10 -Clinical Modification (ICD-10 CM), Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) Code Sets. Required: Student Petition.</td>
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<td>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.</td>
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<td>INTRODUCTION TO AUDIO RECORDING I, 3 CREDITS</td>
<td>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.</td>
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<td>INDIVIDUAL LESSONS: NON-MUSIC MAJORS, 1 CREDIT</td>
<td>Private lessons for beginners, non-music majors, and students who receive a low rating in MUP 171-191 auditions. Brass, woodwind, percussion, string and keyboard instruments, and voice. May be repeated for up to 6 credits. Required: Student Petition.</td>
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- LCT: Low-Cost Text

### Tuition and Fees:
- 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.
- Required: Student Petition. Voice Lessons.
- Required: Student Petition. Piano Lessons.
### Course Listing

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
<th>Instructor</th>
<th>Crs Reg.</th>
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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-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 practicum. May not be challenged. Required: Student Petition.

**Corequisites:** NUR-100

**NUR-101**  **CERTIFIED NURSING ASSISTANT II, 5 CREDITS**

This course prepares the student to perform routine nursing assistant level II tasks that are needed in the acute or skilled care setting. This course includes concepts of safety and complication prevention. Students will also learn how to communicate a person’s response(s) to the nurse, and document and record outcomes of a person’s care. Required: Student Petition.

**Required:** Attend CNA II mandatory orientation and complete all required data for CastleBranch. Student must have a current Certified Nursing Assistant I License in the state of Oregon with a copy of a current and active OSBN verification of license letter

**Corequisites:** NUR-101C

**Recommended:** WRD-098 or placement in WR-121. Student should be 18 years of age or older

**NUR-101C CERTIFIED NURSING ASSISTANT II ACUTE CARE CLINICAL, 0 CREDIT**

This course prepares the student to perform routine nursing assistant 2 acute care tasks that are needed in the acute care setting. This course requires a minimum of 30 hours of clinical instruction. Required: Student Petition.

**Corequisites:** NUR-101

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- VAR: Variable credit class

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**Philosophy**

**PSY-101** HUMAN RELATIONS, 3 CREDITS

Introduction to physiological psychology, the study of how the nervous system produces behavior and cognition. Further topics may include consciousness, sleep, memory, and language. Required: WRD-090 or placement in WRD-098.

**PSY-200** PSYCHOLOGY AS A NATURAL SCIENCE, 4 CREDITS

Introduction to psychological psychology, the study of how the nervous system produces behavior and cognition. Further topics will include consciousness, sleep, memory, and language. Required: WRD-090 or placement in WRD-098.

**PSY-205** PSYCHOLOGY AS A SOCIAL SCIENCE, 4 CREDITS

Principles of learning and social psychology, the study of how groups affect the individual. Further topics may include motivation, personality, human development, and stress. Required: WRD-090 or placement in WRD-098.

**Political Science**

**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.

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Course Listing 2021/SU

**INTRODUCTION TO ABNORMAL PSYCHOLOGY, 4 CREDITS**
Introduction to abnormal psychology, including disorders and approaches to treatment.
Prerequisite or Corequisite: WRD-098 or placement in WRD-098

<table>
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**WORLD RELIGIONS, 4 CREDITS**
Examine religions and philosophies from around the world through film, text, and/or online presentations. Introduces Hinduism, Buddhism, Chinese/Japanese religions, Christianity, Judaism, Islam, and many other religions.

Recommended: WRD-098 or placement in WRD-098

<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
<th>Time</th>
<th>Tuition</th>
<th>Fee</th>
<th>Crs. Fee</th>
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<tr>
<td>R-210</td>
<td>ONL</td>
<td>A. FOUHY</td>
<td>314600</td>
<td></td>
<td>$1,356.00</td>
<td>$132.00</td>
<td>$75.00</td>
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**REFERENCES IN THE RENEWABLE ENERGY/CWE, 1-12 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/mentor. Variable Credit: 1-12 credits. Required: Student Petition.

Corequisites: CWE-281

<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
<th>Time</th>
<th>Tuition</th>
<th>Fee</th>
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<td>$75.00</td>
<td>$1,563.00V</td>
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**SOCIAL SCIENCE**

**FAITH & RELATION, 4 CREDITS**
An introduction of how personal concepts of faith & reason and institutions of science & religion shape personal intellectual landscapes. Examines classical philosophy, sacred texts, worldviews, modern fiction, poetry, theology, cosmology, and evolutionary biology.

Recommended: WRD-098 or placement in WRD-098

<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
<th>Time</th>
<th>Tuition</th>
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<tr>
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<td>J. SHELTON</td>
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**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 WRD-098

<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
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<td>$496.00</td>
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**SOCIAL STRATIFICATION & SOCIAL SYSTEMS, 4 CREDITS**

This course explores the inequality that exists in our society. Social stratification is the unequal distribution of resources and opportunities in a society. Issues like gender, race, poverty, education and capitalism will be explored and discussed in an attempt to understand their impact on the inequality that we experience in our society. Various sociological theories will be introduced and utilized to explore and enhance our understanding of these issues.

Recommended: WRD-098 or placement in WRD-098

<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
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**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 WRD-098

<table>
<thead>
<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
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**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 WRD-098

<table>
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<tr>
<th>Course No</th>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
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**SPANISH**

See World Languages

**SPEECH**

See Communication Studies

**WATER & ENVIRONMENTAL TECHNOLOGY**

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

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
<th>Instructor</th>
<th>Crs Reg.</th>
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<th>Fee</th>
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<th>Crs. Fee</th>
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<td>CROSS-CONNECTION CONTROL PROGRAM SPECIALIST, 3 CREDITS</td>
<td>ONL</td>
<td>J. NURMI</td>
<td>$339.00</td>
<td>$33.00</td>
<td>$0.00</td>
<td>$372.00</td>
<td>Section meets first day of class via Zoom: Monday, June 21 at 10 a.m. Contact Jim Nurmi at <a href="mailto:jamesn@clackamas.edu">jamesn@clackamas.edu</a> for more information.</td>
<td></td>
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<tr>
<td>WET-109</td>
<td>BACKFLOW ASSEMBLY OPERATION AND TESTING, 4 CREDITS</td>
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<td>M. LAFORCE</td>
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<td>$55.00</td>
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<td>$642.00</td>
<td>Meets: 6/21-8/2. Corequisite: CWE-281-03. Required: Student Petition.</td>
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<td>4-DAY CROSS CONNECTION SPECIALIST COURSE, 3.20 CEUS</td>
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**Course Listing 2021/SU**

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<th>Section No</th>
<th>Instructor</th>
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<th>Tuition</th>
<th>Fee</th>
<th>Time</th>
<th>Crs. Fee</th>
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<td>WELDER CERTIFICATION, 4 CREDITS</td>
<td>OC</td>
<td>G. RICKARD</td>
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<td>$388.00</td>
<td>$884.00</td>
<td>Meets: 6/21-8/2. Required: Student Petition. Contact: <a href="mailto:gordonr@clackamas.edu">gordonr@clackamas.edu</a> or 503-594-6112.</td>
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</tr>
<tr>
<td>WLD-110</td>
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<td>OC</td>
<td>B. MULLIGAN</td>
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<td>$44.00</td>
<td>$388.00</td>
<td>$884.00</td>
<td>Meets: 6/21-8/2. Required: Student Petition. Contact: <a href="mailto:bruce.mulligan@clackamas.edu">bruce.mulligan@clackamas.edu</a> or 503-594-6677.</td>
<td></td>
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<tr>
<td>WLD-113</td>
<td>GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 1 CREDIT</td>
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<td>$452.00</td>
<td>$44.00</td>
<td>$388.00</td>
<td>$884.00</td>
<td>Meets: 6/21-8/2. Required: Student Petition. Contact: <a href="mailto:bruce.mulligan@clackamas.edu">bruce.mulligan@clackamas.edu</a> or 503-594-6677.</td>
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**Welding Technology**

Must have ANSI approved eye protection first day and comply with College safety policy.

**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.

**WLD-113** GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 1 CREDIT

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, and air carbon arc cutting and gouging will be covered. Welding codes, standards and specifications will be reviewed. Variable Credit: 1-8 credits.
## Course Listing

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
<th>Instructor</th>
<th>Crs Reg</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
<th>Time</th>
<th>Tuition</th>
<th>Fee</th>
<th>Crs Fee</th>
<th>Total</th>
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<td>WLD-1200 WELDER'S PRINT READING II, 3 CREDITS</td>
<td>WLD-200-01</td>
<td>D. BATES</td>
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</table>

**Course Description**

**WLD-113A GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 4 CREDITS**

The first half of WLD-113 which provides the opportunity to acquire knowledge and skills to set up and operate equipment to perform fillet 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.

**Prerequisites:** WLD-113A

**WLD-113B GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 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

**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

**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

**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, WLD-113, or WLD-115

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**For information about Clackamas Community College, call 503-594-6000**
WLD-280  WELDING TECHNOLOGY/CWE, 1-6 CREDITS (VAR)

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

WLD-261-07  310327 W  5-9:50 PM
J. PHELPS  $226.00  $22.00  $124.00  $372.00V

WLD-261-08  310328 TH  5-9:50 PM
J. PHELPS  $226.00  $22.00  $124.00  $372.00V

WLD-261-09  310329 F  6-9:50 PM
J. VOSKUIL  $226.00  $22.00  $124.00  $372.00V
Required: Student Petition. Contact: justinv@clackamas.edu or 503-594-6399.

WLD-280-01  310334
J. VOSKUIL  $678.00  $66.00  $45.00  $789.00V

XWLD-0001  AMERICAN WELDING SOCIETY (WLD) CERTIFICATION 1
PLATE TEST, 0 CREDIT
Welder certification in accordance with AWS D1.1 for one position for students enrolled in any CCC welding course.

XWLD-0002  AMERICAN WELDING SOCIETY CERTIFICATION 2
PLATE OR 1 PIPE TEST, 0 CREDIT
Welder certification in any two positions, in accordance with AWS D1.1 for students enrolled in any CCC welding course.

XWLD-0003  AMERICAN WELDING SOCIETY CERTIFICATION 3
RETAKE TEST, 0 CREDIT
Welder certification on retest in any position, in accordance with AWS D1.1 for students enrolled in any CCC welding course. Required: Student Petition.

WR-101  COMMUNICATION SKILLS: OCCUPATIONAL WRITING, 3 CREDITS
Develops basic modes of technical writing, including summaries, process analysis, instructions, and reports. Required: Student Petition.

WR-101-01  310227 M. ROBINSON  $339.00  $33.00  $19.00  $391.00V
Meets online: 6/21-8/12.

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. Required: Student Petition.

WR-121-01  310229 R. MURPHY  $452.00  $44.00  $19.00  $515.00V

WR-121-02  310231 P. CRUMRINE  $452.00  $44.00  $19.00  $515.00V

WR-121-03  310232 P. CRUMRINE  $452.00  $44.00  $19.00  $515.00V

World Languages

SPN-101  FIRST-YEAR SPANISH I, 4 CREDITS

SPN-102  FIRST-YEAR SPANISH II, 4 CREDITS
Second 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. Required: Student Petition.

SPN-103  FIRST-YEAR SPANISH III, 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. Required: Student Petition.

WRD-098 or placement in WR-121

First 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. Recommended: WRD-098 or placement in WR-121

TBA

WR-101-03  310235 M. ROBINSON  $339.00  $33.00  $19.00  $391.00V
Meets online: 8/2-8/18. One time textbook access code purchase used for SPN-101 through SPN-203.

Recommended: WRD-098 or placement in WR-121

First time textbook access code purchase used for SPN-101 through SPN-203.

Recommended: WRD-098 or placement in WR-121

First time textbook access code purchase used for SPN-101 through SPN-203.

Recommended: WRD-098 or placement in WR-121

Student Petition.

Recommended: WRD-098 or placement in WR-121

Student Petition.

Recommended: WRD-098 or placement in WR-121

Student Petition.
<table>
<thead>
<tr>
<th>Course No</th>
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<th>Instructor</th>
<th>Days (M,T,W,TH,F,SU)</th>
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**Campus Locations:**
- HAR: Harmony Community Campus
- OC: Oregon City Campus
- WILS: Wilsonville Training Center
- OFF: Other Off-Campus Location
- ONL: Online Only
- REM: Remote (w/ scheduled meetings)
- HYB: Combines traditional in-class time with computer-based learning.
- TBA: To be arranged; contact department first class
- VAR: Variable credit class

**Distance Education Notification:**
- TBA: To be arranged; contact department first class
- HYB: Combines traditional in-class time with computer-based learning.
- ONL: Online Only
- REM: Remote (w/ scheduled meetings)

**Other Coding Translations:**
- VAR: Variable credit class
- ONL: Online Only
- REM: Remote (w/ scheduled meetings)
- HYB: Combines traditional in-class time with computer-based learning.
- TBA: To be arranged; contact department first class

**Español:** Taught in Spanish

**Low-Cost Text:**

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

#### 2021/SU

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<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
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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.

Meets: 6/21-9/8. Online. This workshop will be conducted on Zoom.

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**Campus Locations:**
- HAR: Harmony Community Campus
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- OFF: Other Off-Campus Location

**Distance Education Notification:**
- ONL: Online Only
- REM: Remote (w/ scheduled meetings)
- HYB: Combines traditional in-class time with computer-based learning.

**Other Coding Translations:**
- TBA: To be arranged: contact department first class
- VAR: Variable credit class

**ESPAÑOL:** Taught in Spanish

**LCT:** Low-Cost Text

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

www.clackamas.edu
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.

Please check these websites for up to date information on COVID-19:
- Oregon Health Authority
- Clackamas County Public Health Department
- U.S. Centers for Disease Control and Prevention (CDC)

Find the right fit for your summer!

Clackamas Community College, in partnership with community and senior programs will be offering a variety of classes this summer. Get your body and brain moving with Spanish, meditation, motorcycle/scooter safety training, creative writing, cross training, Pilates, swim lessons, yoga, Zumba, and more.

Find what fits you.

Senior Discount

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

Please register directly through the Community Education Partner hosting the class you would like to attend.

Many partners accept online registrations on their websites. Please contact the partner if you have additional questions regarding your classes or their policy regarding refunds.
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.

Administrative Withdraw
- If you don’t attend your class during the first two weeks of the class, instructors WILL drop you. 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.

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.
- Go to Self Service and the course that you were wait listed for will now say “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.
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, 503-594-6074 or go to our website: www.clackamas.edu

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. 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
**HOURS**  CCC Oregon City Campus

**ALL CAMPUSES CLOSED**
Independence Day, Monday, July 5 and Labor Day, Monday, September 6

Most student services are available during their regular business hours through video conference, phone and email. For the most up-to-date information, visit [www.clackamas.edu/hours](http://www.clackamas.edu/hours).

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**BARLOW HALL**
ITS – Information Technology Services  
June 21 - Sept. 2  
M-Th  7:30 a.m.-5 p.m.

**DYE LEARNING CENTER**
Academic Computing Lab  
For online tutoring go to [www.clackamas.edu/tutoring/](http://www.clackamas.edu/tutoring/)
June 21 - Sept. 4  
M-Th  7:30 a.m.-8 p.m.
F  7:30 a.m.-5 p.m.
Sat  11 a.m.-3 p.m.

Library  
For online research help and articles, eBooks, and streaming videos, go to library.clackamas.edu

Writing Center, Math Lab and Other Tutoring Services  
See posted hours on web, [www.clackamas.edu/tutoring/](http://www.clackamas.edu/tutoring/)

Moodle Help (Cougar Connect Desk)  
June 21 - Sept. 4  
M-Th  7:30 a.m.-8 p.m.
F  7:30 a.m.-5 p.m.
Sat  11 a.m.-3 p.m.

For online Moodle help go to [www.clackamas.edu/cougarconnect](http://www.clackamas.edu/cougarconnect)

**MCLoughlin Hall**
Bookstore  
Closed until further notice, please check the website at [https://clackamas.bncollege.com](https://clackamas.bncollege.com)

Textbook Buyback & Rental Check-In  
Rental Return Due Date - Sept. 3
Rental Return labels are available on our website and in the email reminder.

**Pauling Center**
Workforce Development Services  
June 21 - Sept. 4  
M-F  8 a.m.-5 p.m.

**Randall Hall**
Fitness Center  
(Hours vary, please check door for posted hours)

**Roger Rook Hall**
Testing & Assessment Center  
(Call 503-594-3283 for specific test times)

**Streeter Hall**
Open Computing Lab  
June 21 - Sept. 4  
M-Th  10 a.m.-4 p.m.
For online tutoring go to [www.clackamas.edu/tutoring/](http://www.clackamas.edu/tutoring/)

**Wacheno Welcome Center**
Academic Advising & Career Services  
Remote working hours  
MTTh  8 a.m.-4:30 p.m.
W  10 a.m.-4:30 p.m.

Counseling Services  
Telehealth appointments available, contact counseling@clackamas.edu or call 503-594-3176.
Remote working hours  
T-W  9 a.m.-4 p.m.

Disability Resource Center  
June 21 - Sept. 2  
M-Th  8 a.m.-5 p.m.

Enrollment Services & Graduation Services  
Remote working hours  
M-F  8 a.m.-5 p.m.

Financial Aid Resource Lab  
Available M-F by appointment  
Drop-in Zoom hours:  
M-W  11 a.m.-1 p.m.
Th  11 a.m.-2 p.m.
F  11 a.m.-1 p.m.

Financial Aid & Scholarships  
Remote working hours  
M-F  9 a.m.-5 p.m.
Live phones  
M-F  10 a.m.-2 p.m.

Student Life & Leadership  
Temporarily located in Roger Rook.
Remote working hours  
M-F  8 a.m.-5 p.m.

Veterans Education and Training Center  
Remote working hours  
M-Th  8 a.m.-5 p.m.

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**Where to Find Food**

**Cafeteria:** Cougar Café, Wacheno Welcome Center, hours vary. The café features grill items such as burgers and fries. In addition, vending machines offer fresh-food options as well as convenience items.

**Bookstore:** McLoughlin Hall, offers a variety of grab-and-go food selections as well as convenience items and beverages, including coffee. A microwave is available in the store to heat food.

**Vending Machines:** in various other locations across campus will provide additional snacks.
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 $40 or less. 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.

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:
Monday, Tuesday and/or Wednesday daytime finals will be rescheduled for Thursday during the same time period as originally scheduled.

Second day closure during finals week:
Finals will be rescheduled for Friday 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.
FACULTY ADVISORS

Undecided or need more information about your program of study?
Faculty advisors have the answers.

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<th>PROGRAM</th>
<th>ADVISOR</th>
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<td><a href="mailto:joan.san-claire@clackamas.edu">joan.san-claire@clackamas.edu</a></td>
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<tr>
<td>Administration/Professional</td>
<td>Patrick Smida</td>
<td>503-392-3115</td>
<td>S127</td>
<td><a href="mailto:beverly@clackamas.edu">beverly@clackamas.edu</a></td>
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<tr>
<td>Adult High School Diploma</td>
<td>Patrice Fournier</td>
<td>503-302-3028</td>
<td>D129</td>
<td><a href="mailto:patrick@clackamas.edu">patrick@clackamas.edu</a></td>
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<tr>
<td>Anthropology</td>
<td>Jessica Kissler</td>
<td>503-392-6625</td>
<td>M210</td>
<td><a href="mailto:jessica.kissler@clackamas.edu">jessica.kissler@clackamas.edu</a></td>
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<tr>
<td>Apprenticeship</td>
<td>Katelyn Karch</td>
<td>503-594-2001</td>
<td>T128</td>
<td><a href="mailto:kkarch@clackamas.edu">kkarch@clackamas.edu</a></td>
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<tr>
<td>Arboriculture</td>
<td>April Chastain</td>
<td>503-392-3055</td>
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<tr>
<td>Art</td>
<td>Dustin Bates</td>
<td>503-3115</td>
<td>AC106</td>
<td><a href="mailto:Dustinb@clackamas.edu">Dustinb@clackamas.edu</a></td>
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<tr>
<td>Automotive</td>
<td>Rich Albers</td>
<td>503-397-373</td>
<td>B259</td>
<td>dust <a href="mailto:nb@clackamas.edu">nb@clackamas.edu</a></td>
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<tr>
<td>Business Administration</td>
<td>Sharon Parker</td>
<td>503-392-3075</td>
<td>S123</td>
<td><a href="mailto:sharonp@clackamas.edu">sharonp@clackamas.edu</a></td>
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<tr>
<td>Career Technical Education Instruction</td>
<td>Laurette Scott</td>
<td>503-392-3840</td>
<td>F108a</td>
<td><a href="mailto:laurette@clackamas.edu">laurette@clackamas.edu</a></td>
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<tr>
<td>Clinical Lab Assistant/Phlebotomy</td>
<td>Marilyn Braught</td>
<td>503-392-0634</td>
<td>H550</td>
<td><a href="mailto:marilyn.brought@clackamas.edu">marilyn.brought@clackamas.edu</a></td>
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<tr>
<td>Communications/Speech</td>
<td>Kelly Blake</td>
<td>503-392-3154</td>
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<td><a href="mailto:kblake@clackamas.edu">kblake@clackamas.edu</a></td>
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<tr>
<td>Computer Science: Transfer</td>
<td>Rich Albers</td>
<td>503-3116</td>
<td>S166</td>
<td><a href="mailto:richa@clackamas.edu">richa@clackamas.edu</a></td>
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<tr>
<td>Computer Science: Application Support &amp; Web Design</td>
<td>Debra Carino</td>
<td>503-392-3170</td>
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<td><a href="mailto:dcanino@clackamas.edu">dcanino@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:rcanino@clackamas.edu">rcanino@clackamas.edu</a></td>
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<tr>
<td>Computer Science: Transfer</td>
<td>Jen Miller</td>
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<td>Criminal Justice/Corrections</td>
<td>Sharron Furno</td>
<td>503-594-6163</td>
<td>DJ212</td>
<td><a href="mailto:sharron.furno@clackamas.edu">sharron.furno@clackamas.edu</a></td>
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<td>Customized Training &amp; Development Services</td>
<td>Staff</td>
<td>503-392-3200</td>
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<td><a href="mailto:training@clackamas.edu">training@clackamas.edu</a></td>
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<td>Dental Assistant</td>
<td>Maria Corona</td>
<td>503-392-0693</td>
<td>H379</td>
<td><a href="mailto:maria@clackamas.edu">maria@clackamas.edu</a></td>
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<tr>
<td>Digital Media Communications</td>
<td>Nora Brodnicki</td>
<td>503-392-3036</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>
<td>503-392-6622</td>
<td>F106b</td>
<td><a href="mailto:dawn.hendricks@clackamas.edu">dawn.hendricks@clackamas.edu</a></td>
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<td><a href="mailto:laurette@clackamas.edu">laurette@clackamas.edu</a></td>
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<td><a href="mailto:matsomnia@clackamas.edu">matsomnia@clackamas.edu</a></td>
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<td>Emergency Medical Technology</td>
<td>Tana Sawzak</td>
<td>503-392-6025</td>
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<td><a href="mailto:tanas@clackamas.edu">tanas@clackamas.edu</a></td>
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<tr>
<td>Engineering</td>
<td>Eric Lee</td>
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<td><a href="mailto:jackief@clackamas.edu">jackief@clackamas.edu</a></td>
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<tr>
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<td>Michael Moiso</td>
<td>503-392-3255</td>
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<td><a href="mailto:michaelm@clackamas.edu">michaelm@clackamas.edu</a></td>
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<tr>
<td>English</td>
<td>Amanda Coffey</td>
<td>503-392-3235</td>
<td>RR237</td>
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<td>English for Speakers of Other Languages</td>
<td>Suzanne Munro</td>
<td>503-392-3236</td>
<td>D147</td>
<td><a href="mailto:munrost@clackamas.edu">munrost@clackamas.edu</a></td>
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<td>Jeff Ennenga</td>
<td>503-392-3539</td>
<td>T110</td>
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<td>Geography</td>
<td>Erich Pfeifer</td>
<td>503-392-3802</td>
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<td>Gerontology</td>
<td>Yvonne Smith</td>
<td>503-392-3207</td>
<td>HW315</td>
<td><a href="mailto:yvonne@clackamas.edu">yvonne@clackamas.edu</a></td>
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<tr>
<td>GIS</td>
<td>Eric Roberts</td>
<td>503-392-6495</td>
<td>T125</td>
<td><a href="mailto:eric.roberts@clackamas.edu">eric.roberts@clackamas.edu</a></td>
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<td>Jackie Flowers</td>
<td>503-392-3405</td>
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<td>Horticulture</td>
<td>Karen Maynard</td>
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<td>C125</td>
<td><a href="mailto:kmaynard@clackamas.edu">kmaynard@clackamas.edu</a></td>
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<tr>
<td>Human Resource Management</td>
<td>Michael Moiso</td>
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<td><a href="mailto:mmoiso@clackamas.edu">mmoiso@clackamas.edu</a></td>
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<tr>
<td>Human Services</td>
<td>Yvonne Smith</td>
<td>503-392-3207</td>
<td>F108c</td>
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<tr>
<td>Humanities</td>
<td>Jessica Kissler</td>
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<td><a href="mailto:jessica.kissler@clackamas.edu">jessica.kissler@clackamas.edu</a></td>
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<td>Humanities</td>
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<td>R9215</td>
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<td>Industrial Technology</td>
<td>Mike Mattson</td>
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<td><a href="mailto:matsomnia@clackamas.edu">matsomnia@clackamas.edu</a></td>
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<tr>
<td>Journalist</td>
<td>Melissa Jones</td>
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<td>Landscape</td>
<td>April Chastain</td>
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<td>Management</td>
<td>Sharon Parker</td>
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<tr>
<td>Marketing</td>
<td>Beverly Forney</td>
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<td>Math</td>
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<td>Medical Assistant</td>
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<tr>
<td>Music</td>
<td>Lars Campbell</td>
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<td>Physical Education/Health</td>
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<tr>
<td>Political Science</td>
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<tr>
<td>Pre-Professional (medical, dental, pharmacy)</td>
<td>Eden Francis</td>
<td>503-392-3352</td>
<td>P124k</td>
<td>eden Franci <a href="mailto:s@clackamas.edu">s@clackamas.edu</a></td>
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<tr>
<td>Project Management</td>
<td>Frank Gorham</td>
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<tr>
<td>Reading/Study Skills</td>
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<td>D144</td>
<td><a href="mailto:lisan@clackamas.edu">lisan@clackamas.edu</a></td>
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<td>Renewable Energy</td>
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<td>Retail Management</td>
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<td>Science</td>
<td>Sarah Hoover</td>
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<tr>
<td>Search and Rescue</td>
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<td>Skills Development</td>
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<td><a href="mailto:aj.smith@clackamas.edu">aj.smith@clackamas.edu</a></td>
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<tr>
<td>Small Business Development Center</td>
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<td>Theatre Arts</td>
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<td>N152</td>
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<tr>
<td>Undecided Major of Study</td>
<td>Student Support Services</td>
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<td>C226</td>
<td><a href="mailto:advising@clackamas.edu">advising@clackamas.edu</a></td>
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<td>Uncrewed Aircraft Systems</td>
<td>Eric Roesl</td>
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<td>Water &amp; Environmental Technology</td>
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<td>Water &amp; Environmental Technology</td>
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<td>D1211</td>
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<td>World Languages</td>
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<td>M243</td>
<td><a href="mailto:irmarkab@clackamas.edu">irmarkab@clackamas.edu</a></td>
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# WHERE TO CALL

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## Academic Advising

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## Bookstore

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## Testing/Assessment Center

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## CCC’S MAIN PHONE NUMBER IS 503-594-6000.

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<td>Vice President, College Services</td>
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<td>503-594-3403</td>
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<td>Writing Center</td>
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* Find building code key on the campus map on the back cover of this schedule.

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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.

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

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For information about Clackamas Community College, call 503-594-6000
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 $5,079, compared to $10,785 at public universities and $36,275 for private universities.
- Scholarships: CCC offers +$500,000 in scholarships each year.
- Financial aid: Our Financial Aid Resource 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, 2019**

Source: U.S. Department of Labor, Bureau of Labor Statistics, “Learn more, earn more: Education leads to higher wages, lower unemployment,” May 2020
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.

OREGON CITY AND CLACKAMAS INDUSTRIAL AREA SHUTTLES
Free shuttles in Oregon City and Clackamas Industrial Area start service in Spring 2021. Shuttle routes can be found at https://www.clackamas.us/socialservices/clackamas-county-shuttle-planning

CARPOOL MATCHING SERVICE
Find a carpool partner at GetThereOregon.org. Sign up using your @student.clackamas.edu email address.

PUBLIC TRANSPORTATION
Clackamas Community College is serviced by a number of bus lines. Plan your trip on Google Maps.

Save money on your CCC commute!

NEAR CLACKAMAS TOWN CENTER?
Ride the free Clackamas Industrial Area Shuttle, starting service Spring 2021.

DRIVE?
Find a carpool partner at GetThereOregon.org.

RIDE THE BUS?
TriMet offers 72% off month pass through Low Income Fare Program. https://trimet.org/lowincome/application.htm

NOTE: Due to COVID-19, it is recommended to stay home if possible. If you must make essential trips by transit, carpool, vanpool, foot, or bike, then click here for safety tips and resources.

Get There’s trip planning tool makes it easy to explore option for getting around.

Track money saved, calories burned, and reduced carbon emissions by logging your trips and remote work days. Plus, join challenges for your chance to win prizes.

Enter where you want to go, and we’ll show you all the ways to Get There.
The Student Life & Leadership Office in room 152 of the Wachen Welcome Center offers lots of services to help you.

Free Food Pantry: A free pantry that offers food, school supplies and toiletries for students. It’s also a great place to find a gently used outfit for job interviews. Donations accepted! For more information, contact the ASG office.

Grants: There are grants available for child care, textbooks, fees, transportation and veterans. Grants are awarded each term to students who have demonstrated need. Fill out an application online at www.clackamas.edu/asg/grants.

Community Service: Student Government offers a variety of opportunities to get involved in the community.

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 Wachen Welcome 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.
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. Students with disabilities should pick up a state application form from the Department of Motor Vehicles.

CCC CAMPUS SITES
CCC Oregon City
19600 Molalla Ave.
Oregon City, OR 97045
CCC at Harmony Community Campus
7738 SE Harmony Road
Milwaukie, OR 97222
CCC Wilsonville Campus
29353 SW Town Center Loop E
Wilsonville, OR 97070

CCC OFF-CAMPUS SITES
Canby Applied Technology Center
721 SW Fourth St., Canby, OR 97013
Estacada High School
355 NE Sixth, Estacada, OR 97023
Molalla Center
(behind Molalla Public Library)
201 E. Fifth, Molalla, OR 97308