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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
<table>
<thead>
<tr>
<th>IMPORTANT DATES TO REMEMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CLASS START/END DATES + FINANCIAL DEADLINES</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Financial aid: All required CCC financial aid documentation due to ensure funding for term</td>
</tr>
<tr>
<td>Registration begins</td>
</tr>
<tr>
<td>Classes begin</td>
</tr>
<tr>
<td>Last day to add classes without instructor consent</td>
</tr>
<tr>
<td>Last day to drop a class with a refund (see p. 4 for more info)</td>
</tr>
<tr>
<td>Last day to drop classes and receive a &quot;W&quot; automatically</td>
</tr>
<tr>
<td>Last day to submit petition for graduation</td>
</tr>
<tr>
<td>Last day to change grading option</td>
</tr>
<tr>
<td>Account balance due: $100 non-payment fee applied if not paid</td>
</tr>
<tr>
<td>Final week</td>
</tr>
<tr>
<td>Last day of term</td>
</tr>
<tr>
<td>Commencement: GED &amp; Adult High School Diploma</td>
</tr>
<tr>
<td>Commencement: College Certificate &amp; Degree</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:** June 19 Juneteenth, July 4 Independence Day, September 2 Labor Day

**FALL TERM:** Nov. 11 Veterans Day, Nov. 28-29 Thanksgiving, Dec. 24-25 Winter Holiday

**WINTER TERM:** Jan. 1 New Years Day, Jan. 20 MLK Jr. Day, Feb. 17 Presidents Day

**FINAL EXAM SCHEDULE**

Refer to your class syllabus or check with your instructor for the final week schedule. The final week schedule will be posted in your myClackamas account as soon as it is available.

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.

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

Returning Students

Returning CCC student? Start here.

If you have taken classes or workshops at CCC within the last two 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.
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>$126 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>$305 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>$13 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</td>
<td>Applied after the sixth week of the term if a balance is owed to the college.</td>
</tr>
<tr>
<td>Non-Refundable Third-Party Billing Fee</td>
<td>$15</td>
<td>Assessed on any student account where CCC is billing an outside business/organization for tuition and charges.</td>
</tr>
<tr>
<td>Returned Bank Item</td>
<td>$25 each item</td>
<td>Fee for checks returned for nonsufficient funds.</td>
</tr>
<tr>
<td>Course Fees</td>
<td>Varies</td>
<td>Certain classes have special fees in addition to tuition and the general fee. These are listed in the “Course Fee” column in the 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>

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 Aid questions?
Email us at finaid@clackamas.edu

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 Aug. 5 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.

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 or more weeks
- During the first week of the class for classes meeting three- to 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.

FA Resource Lab
Virtual Drop In Hours (Zoom)
MW 11 a.m.-2 p.m. or by appointment
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. Please visit https://www.clackamas.edu/admissions-financial-aid/getting-started to make sure you have completed the getting started steps to be able to register.

Registration times:

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>DATE</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veterans</td>
<td>Monday, May 13, 2024</td>
<td>Noon</td>
</tr>
<tr>
<td>80+</td>
<td>Tuesday, May 14, 2024</td>
<td>8 a.m.</td>
</tr>
<tr>
<td>60-79</td>
<td>Tuesday, May 14, 2024</td>
<td>Noon</td>
</tr>
<tr>
<td>40-59</td>
<td>Wednesday, May 15, 2024</td>
<td>8 a.m.</td>
</tr>
<tr>
<td>30-39</td>
<td>Wednesday, May 15, 2024</td>
<td>Noon</td>
</tr>
<tr>
<td>20-29</td>
<td>Thursday, May 16, 2024</td>
<td>8 a.m.</td>
</tr>
<tr>
<td>19-18</td>
<td>Thursday, May 16, 2024</td>
<td>Noon</td>
</tr>
<tr>
<td>1-5</td>
<td>Friday, May 17, 2024</td>
<td>8 a.m.</td>
</tr>
</tbody>
</table>

Open Registration
Friday, May 17, 2024
Noon

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

2024-25 CHANGES:
• In-state tuition: Increased by $5 resulting in a $126 per credit rate
• Out-of-state tuition: Increased by $12 resulting in a $305 per credit rate

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](http://www.parchment.com). For more information, call our transcript request line at 503-594-6074.

**Student Rights & Responsibilities** – When you enroll at Clackamas Community College you assume certain rights and responsibilities as a student that relate to your educational record, academic performance and individual conduct. These are stated in the Student Handbook—[www.clackamas.edu/student-rights](http://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 Friday, June 14, 2024, and the certificate and degree graduation ceremony will be held Friday evening, June 14, 2024. Information for both ceremonies will be available at [www.clackamas.edu/graduation](http://www.clackamas.edu/graduation) in early spring. For questions related to the ceremony, contact GradCeremony@clackamas.edu.
¡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 ESOL (Inglés para hablantes de otras lenguas)
- Las clases de ESOL son para todos que desean mejorar sus habilidades de inglés
- Ofrecemos clases de todos niveles
- Los precios varían entre $30 y $70 por clase por un trimestre
- Estudiantes deben tener al menos 16 años de edad

Para más información y para registrarse, comuníquese con la oficina de ESOL 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.

Para más información, llame al 503-594-6082

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

Para más información, llame al 503-594-6246

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

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

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 971-673-6400 to learn more about the NO COST workshops. 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.

Building skills and growing businesses!
Sponsored by the Clackamas Workforce Partnership www.clackamasworkforce.org.

WorkSource Oregon is an equal opportunity employer/program. WorkSource Oregon es un programa/empleador que respeta la igualdad de oportunidades.
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 under My Courses in the red bar 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 (OLET) 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
- Recommended technology and software
- Assistive technology

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 can I learn more about Moodle, access my classes, and be prepared for online learning?
- Where do I find Moodle Help?
- How do I participate synchronously via a Zoom meeting in my course?

Still need help?
During regular business hours, visit the Cougar Connect Tech Help Desk, call 503-594-6632, or email cougarconnect@clackamas.edu.

For after hours, weekend, or bilingual support (English/Español), visit online.clackamas.edu (see Academic Support and Essentials > Moodle Help > Extended Support).

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

<table>
<thead>
<tr>
<th>HARMONY COMMUNITY CAMPUS HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours are subject to change. Please call 503-594-0620 or check <a href="http://www.clackamas.edu/hours">www.clackamas.edu/hours</a> for updated information.</td>
</tr>
<tr>
<td>Campus is closed June 19, July 4, Sept 2.</td>
</tr>
</tbody>
</table>

**Building Hours**
- June 17-21: M-Th 7 a.m.-8 p.m., F 7 a.m.-5 p.m.
- June 24-Aug 29: M-Th 7 a.m.-10 p.m.

**Student Services**
- June 17-21: M-Th 8:30 a.m.-5 p.m.
- June 24-26: M-W 9 a.m.-6:30 p.m.
- June 27: Th 9 a.m.-6 p.m.
- July 1-Aug 29: M-Th 9 a.m.-6 p.m.

**Advising**
- June 17-21: T-Th 10 a.m.-4:30 p.m.
- June 24-26: M-W 10 a.m.-6 p.m.
- June 27-Aug 31: T-Th 10 a.m.-4:30 p.m. Drop-In
  Monday advising provided remotely by phone appointment

**Testing & Assessment**
- June 19-Sept 7: TBD

**ITS**
- June 17-Aug 29: M-W 9 a.m.-1 p.m.

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

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

<table>
<thead>
<tr>
<th>WILSONVILLE HOURS</th>
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<tbody>
<tr>
<td>Hours are subject to change. Please call 503-594-0940 or check <a href="http://www.clackamas.edu/hours">www.clackamas.edu/hours</a> for updated information.</td>
</tr>
<tr>
<td>Campus is closed June 19, July 4, Sept 2.</td>
</tr>
</tbody>
</table>

**Building Hours**
- June 19-Sept 7: M-Th 7 a.m.-6:30 p.m.
  Closed Fridays

**Student Services**
By appointment only. Please call 503-594-0940 or email wilsonvilleinfo@clackamas.edu
- June 19-Sept 7: M-Th 7 a.m.-6:30 p.m.
  Closed Fridays

**Advising Center**
Advising by appointment. Please call 503-594-0959 or e-mail apprenticeship.advising@clackamas.edu
- June 19-Sept 7: M-Th 10 a.m.-7 p.m.
  F 8 a.m.-5 p.m.
  Remote Services

**Testing & Assessment Center**
Testing by appointment. Please call 503-594-0940 or e-mail testing.wilsonville@clackamas.edu
- June 19-Sept 7: M-Th 8 a.m.-5 p.m.
  Closed Fridays

Where to find food

Vending Machines, located in the HE lobby & on HW 2nd floor, are stocked with hot & cold drinks, snacks and a rotating assortment of breakfast items, sandwiches, burritos, hummus & veggie trays in the chilled cooler. There are microwaves available for student use in HE on the 1st & 2nd floors.

To register for these classes, see Credit course listing for time, date, course registration number.
## CLACKAMAS IN YOUR COMMUNITY

*Credit and non-credit courses offered at Clackamas Community College sites near you Summer 2024*

### Harmony Community Campus

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

<table>
<thead>
<tr>
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<td>COMM-218Z</td>
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<td>CRIMINOLOGY</td>
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<td>INTRODUCTION TO EMERGENCY MEDICAL SERVICES</td>
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<td>XSBM-0003</td>
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<td>XSBM-0011</td>
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<td>WR-227Z</td>
<td>TECHNICAL WRITING</td>
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## Course Listing

### Credit and non-credit Courses offered Summer 2024

### Art

**ART-100A  JEWELRY MAKING TECHNIQUES, 1 CREDIT**
Various topics will introduce techniques in: construction, forming, fabrication, soldering, inlay, etching, mold making, casting, stone setting, chain making and silversmithing. Students will be encouraged to create and design their own jewelry with both meaning and function. Historical and contemporary issues surrounding jewelry and body adornment will be presented and discussed during the course. May be repeated for up to 3 credits.

<table>
<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>
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**ART-262  DIGITAL PHOTOGRAPHY & PHOTO-IMAGING, 4 CREDITS**
Introduces concepts, techniques, practices, aesthetics and ethics of photographic imaging and image-making with digital technology. Students will use imaging software.

**ART-283  PAINTING: LANDSCAPES/BEGINNING, 4 CREDITS**
Introduces basic painting tools, materials, techniques, and elements of composition, color, value and space. Projects involve observational painting with a focus on landscape and its relationship to volume and form on a two-dimensional plane. Course includes painting, readings and group critiques.

**ART-286  PAINTING: LANDSCAPES/INTERMEDIATE, 4 CREDITS**
Learn intermediate painting tools, materials, techniques, and elements of composition, color, value and space. Projects involve observational painting with a focus on landscape and its relationship to volume and form on a two-dimensional plane. Course includes painting, readings and group critiques.

**ART-294  INTRODUCTION TO WATER MEDIA, 2 CREDITS**
Introduces basic techniques and uses of watercolor, gouache, and other water-based media with attention to the unique characteristics of water media. Collage, abstraction and mixed media may be included as well as work with water-soluble pencils and crayons. Lectures on historic uses of these media and discussions as well as experiments with the aesthetic possibilities for layering, transparencies and presentation.

**Prerequisites:** ART-115 or ART-131 or Student Petition

### Auto Body/Collision Repair and Refinishing

**AB-101  AUTO RESTORATION, 3 CREDITS**
Designed for students interested in auto body repair and painting their own vehicles. Includes dent removal, panel replacement, welding and painting. May be repeated for up to 12 credits.

**AB-105  STREET ROD CONSTRUCTION TECHNIQUES, 3 CREDITS**
In this course, students will learn panel forming, welding, basic body work and repair of individual projects. Includes shop safety, chemical hazard safety, proper and safe use of tools, basic metal work and finishing, and paint preparation and application.

**AB-280  COLLISION REPAIR/CWE, 2-6 CREDITS (VAR)**

**ARA-281  AUTOMOTIVE SERVICE TECHNOLOGY**

### Automotive Service Technology

**AM-106  FIX YOUR OWN CAR, 2 CREDITS**
A do-it-yourself course for students who want to work on their own cars. Includes: oil change, lubrication, fluid checks, brakes, cooling system, electrical system, safety, and other quick services. May be repeated for up to 12 credits.

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

Distance Education Notification: 
- **ONL:** Online Only
- **REM:** Remote (w/ scheduled meetings)
- **HYB:** In-person plus online work

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

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
- **REM:** Remote (w/ scheduled meetings)
- **HYB:** In-person plus online work

Other Coding Translations: 
- **TBA:** To be arranged: contact department first class
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www.clackamas.edu
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<th>Fee</th>
<th>Time</th>
<th>Credits</th>
<th>Fee</th>
<th>Total</th>
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<tbody>
<tr>
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### Biology

#### BI-101 GENERAL BIOLOGY; CELLULAR BIOLOGY, 4 CREDITS
An inquiry-based laboratory course focusing on cellular biology, genetics, epigenetics, biotechnology and natural selection. Class uses student centered activities in a collaborative learning environment to enhance appreciation of the biological world.

**Corequisites:** BI-101L

**Recommended Prerequisites:** MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121Z

**Corequisite:** Take the following BI-101L-40.

<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</th>
<th>Tuition</th>
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<th>Fee</th>
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#### BI-102 GENERAL BIOLOGY; ANIMAL SYSTEMS, 4 CREDITS
An inquiry-based laboratory course focusing on human and animal body systems; including teratogens, Hox genes and hormone mimics in embryonic development. Activities emphasize comparisons across animal phyla to better understand the diversity of life. The class uses student centered activities in a collaborative learning environment to enhance appreciation of the animal kingdom.

**Corequisites:** BI-102L

**Recommended Prerequisites:** MTH-060 or MTH-098 or placement in MTH-065; and WRD-098 or placement in WR-121Z

<table>
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### Other Courses

- **AM-118 SMALL ENGINE REPAIR, 4 CREDITS**
  - This course is designed to provide an overview of basic small engine maintenance, operation and repair. It covers safety, small engine theory, electrical systems, and troubleshooting. Classroom instruction covering theory of operation, 2 cycle and 4 cycle designs and applications, combined with hands-on live projects provides the student the opportunity to learn basic principles of small engine operation, including outdoor equipment, motorcycles, and A.T.V.’s.

- **AM-280 AUTO MECHANICS/CWE, 1-6 CREDITS (VAR)**
  - Cooperative work experience. Work-related learning experience in an auto repair shop or auto dealership. Required: Student Petition.

  **Corequisites:** CWE-281

- **BI-112 GENERAL BIOLOGY FOR HEALTH SCIENCES LAB, 0 CREDIT**
  - Lab course for BI-112

  **Corequisites:** BI-112L

- **CH-112 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

  **Corequisites:** BI-232L
Course Listing

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
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**Business Administration**

**BA-101Z** INTRODUCTION TO BUSINESS, 4 CREDITS

Presents an integrated view of both established and entrepreneurial businesses by studying their common characteristics and processes in a global context. Introduces theory and develops basic skills in the areas of accounting, finance, management, and marketing, with an emphasis on social responsibility and ethical practices. Explores how businesses can create value for themselves and society by addressing environmental and social challenges.

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

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**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: payroll, product or service mark-ups and mark-downs; simple and compound interest; present and future value of a single sum of money and annuities; and financial ratio analysis.

Prerequisites: Placement in MTH-020 or higher

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

Introduces the terminology and processes of full-cycle, modified cash and accrual basis 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 Prerequisites: Placement in MTH-020

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**BA-128** PROJECT MANAGEMENT: LEADERSHIP STRATEGIES, 4 CREDITS

This course is an introductory course for students to explore different leadership styles. Through introspective exercises/assignments, students will have opportunities to find their leadership voice. Topics include the comparisons among various leadership versus management paradigms, mediation and negotiation techniques, employee engagement, team building, mentor-ship, tactical planning, creative decision-making, managing crisis conversations, and emotional intelligence.

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<th>$576.00</th>
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**BA-131** INTRODUCTION TO BUSINESS COMPUTING, 4 CREDITS

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

Required: Access to the following equipment and software: Personal computer or laptop with MS Windows operating system (preferably Windows 8 or 10), Microsoft Office Professional, internet access (including email); or access to the CCC Dye Academic Computer Lab for completion of coursework

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

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**BA-208** EMPLOYEE AND LABOR RELATIONS, 4 CREDITS

Provides a legal and historical overview of employee and labor relations in both union and non-union environments. Presents a realistic picture of collective bargaining and labor relations situations and highlights contemporary issues in employee relations, unions, bargaining units, and employee group representation.

Recommended Prerequisites: BA-101Z and BA-131

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**BA-211Z** PRINCIPLES OF FINANCIAL ACCOUNTING, 4 CREDITS

Imparts an understanding of the purpose of accounting, common financial statement items, and the principles of internal controls. Focuses on recording the impact of economic events on account balances using U.S. Generally Accepted Accounting Principles, and the creation and analysis of financial statements to aid in external decision making.

Prerequisites: BA-101Z and BA-131

Recommended Prerequisites: BA-111, and MTH-050 or higher

Distance Education Notification:
- ONL: Online Only
- REM: Remote (with scheduled meetings)
- HYB: In-person plus online work
- TBA: To be arranged: contact department first class
- VAR: Variable credit class

Other Coding Translations:
- ESPAÑOL: Enseñado en español

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

www.clackamas.edu
## Course Listing

### 2024/SU

<table>
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<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
<th>Section No</th>
<th>Crs Reg.</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
<th>Time</th>
<th>Tuition</th>
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<td>Required: Student Petition. Corequisite: Take the following CWE-281-06.</td>
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### Business Technology

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

Basic instruction on electronic alphanumeric keyboard. Provides practice for speed and accuracy within an individual program. Students will also develop the necessary skills to effectively use the Internet, email, and create simple documents within a Google email profile and/or Microsoft Word.

#### 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 keyboarding proficiency using the standard keyboard by touch method established within BT-120. Speed and accuracy on the keyboard will be further refined. Proper formatting of various types of business communication will be reviewed and established(emails, memos, block-style business letters). Students will utilize Microsoft Word and/or Google documents to create letters and memos.

#### BT-124 BUSINESS EDITING I, 3 CREDITS

Course builds business communication skills through the study of the written communication process and the correct use of grammar, spelling, vocabulary, types of written business communication, and basic editing principles.

### Chemistry

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

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

16
<table>
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<th>Section No</th>
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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.

Corequisites: CH-104L and CH-104S
Prerequisites: MTH-065 or MTH-098 or placement in MTH-095; and WRD-090 or placement in WRD-098

Lab course for CH-104
Corequisites: CH-104 and CH-104S

CH-105 and CH-105L
Corequisites: Take the following CH-105L-40, CH-105S-40.

Seminar course for CH-104
Corequisites: CH-104 and CH-104L

Corequisites: Take the following CH-104L-40, CH-104S-40.

Lab course for CH-105
Corequisites: CH-105 and CH-105S

Corequisites: Take the following CH-105L-40, CH-105S-40.

Corequisites: Take the following CH-106L-40, CH-106S-40.

Corequisite: Take the following CH-104-40, CH-104S-40.

Corequisite: Take the following CH-106L-40, CH-106S-40.

Corequisite: Take the following CH-104-40, CH-104S-40.

Corequisite: Take the following CH-104L-40, CH-104S-40.

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Corequisite: Take the following CH-106L-40, CH-106S-40.

Corequisite: Take the following CH-104L-40, CH-104S-40.

Corequisite: Take the following CH-104L-40, CH-104S-40.

Corequisite: Take the following CH-106L-40, CH-106S-40.

Corequisite: Take the following CH-106L-40, CH-106S-40.

Prerequisites: MTH-065 or MTH-098 with a C or better or placement in MTH-095
Prerequisites: WRD-090 or placement in WRD-098

Recommended Corequisite: BI-112
Corequisite: Take the following CH-112L-15.

Lab course for CH-112
Corequisites: CH-223L and CH-223S

Corequisite: Take the following CH-223L-01, CH-223S-01.

Corequisites: CH-112 with a C or better
Corequisites: CH-223L and CH-223S

Corequisite: Take the following CH-223L-01, CH-223S-01.

Corequisite: Take the following CH-223L-01, CH-223S-01.
COMMUNICATION STUDIES

COMM-100Z  INTRODUCTION TO COMMUNICATION, 4 CREDITS
COMM-100Z is a survey course offering an overview of the communication discipline that emphasizes the development of best communication practices in different contexts.

OC LCT  COMM-100Z-01  332815  MW  2-4:45 PM  
L. HANN  $504.00  $52.00  $0.00  $556.00  Meets: 6/24-8/24.

COMM-111Z  PUBLIC SPEAKING, 4 CREDITS
COMM-111Z emphasizes developing communication skills by examining and demonstrating how self-awareness, audience, content, and occasion influence the creation and delivery of speeches and presentations.

Prerequisites: WRD-098 or placement in WR-121Z

REM LCT  COMM-111Z-01  332816  MW  9-11:45 AM  
K. HUGHES  $504.00  $52.00  $20.00  $576.00  Meets: 6/24-8/15.

OC LCT  COMM-111Z-02  332817  TTH  1-3:45 PM  
K. HUGHES  $504.00  $52.00  $20.00  $576.00  Meets: 6/24-8/25.

REM LCT  COMM-111Z-03  332818  MW  1-3:45 PM  
K. HUGHES  $504.00  $52.00  $20.00  $576.00  Meets: 6/24-8/15.

OC LCT  COMM-111Z-04  337419  TTH  1-3:45 PM  
K. HUGHES  $504.00  $52.00  $20.00  $576.00  Meets: 6/24-8/15.

OC LCT  COMM-111Z-05  337420  MW  6-8:45 PM  
L. HANN  $504.00  $52.00  $20.00  $576.00  Meets: 6/24-8/21.

HAR LCT  COMM-111Z-30  332819  TTH  1-3:45 PM  
J. SMITH  $504.00  $52.00  $20.00  $576.00  Meets: 6/24-8/15.

COMM-199  EXPERIMENTAL COURSES: COMMUNICATION STUDIES
Selected courses of study offered on an experimental or temporary basis. See section(s) for detailed information.

COMM-218Z  INTERPERSONAL COMMUNICATION, 4 CREDITS
COMM-218Z increases the knowledge and use of competent communication skills to better understand oneself, others, and the role of communication in interpersonal relationships.

Prerequisites: CWE-281

CS-120  SURVEY OF COMPUTING, 4 CREDITS
CS-120 is a computer competency course to familiarize students with computer concepts, software applications and the implications of living in the digital age. Introduces students to computer concepts, including, but not limited to the Microsoft Windows environment, Microsoft Office Applications, hardware terminology, social media and the Internet.

Prerequisites: WRD-098 or placement in WR-121Z

CS-125H  HTML & WEB SITE DESIGN, 4 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.

Prerequisites: BA-131 or CS-120 or higher or placement into CS-125H

CS-135S  MICROSOFT EXCEL, 3 CREDITS
CS-135S focuses on advanced spreadsheet capabilities using a current version of Microsoft Excel. Topics include design, construction, and documentation of spreadsheets, use of templates, multiple worksheets, complex formulas, functions and filtering, Pivot Tables, Advanced chart features, sorting, database capabilities, finding data, creating subtotals, using lookup tables, finding trends and forecasting, creating and editing macros, validating data, and working with controls.

Distance Education Notification: Other Coding Translations: 
ONL: Online Only  TBA: To be arranged: contact 
REM: Remote (w/ scheduled meetings)  department first class 
HYB: In-person plus online work  VAR: Variable credit class 
ESPÁÑOL: Enseñado en español  LCT: Low-Cost Text 

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

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<th>Course Title, Credits</th>
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### 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 assigned 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](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

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<tr>
<th>Section No</th>
<th>Instructor</th>
<th>Days (M,T,W,T,F,S,SU)</th>
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### Criminal Justice

For more information on Criminal Justice, Corrections, credit for completion of D.P.S.S.T. or law enforcement academies contact Joanna Crawford at joanna.crawford@clackamas.edu or 503-594-6229.

#### CJA-101 CRIMINOLOGY, 4 CREDITS

Examines the social problem of crime, including the process of making and breaking laws as well as society's reaction to the phenomenon. Provides a multidisciplinary study of the causes of crime, including its distribution across social strata and demographics. Focuses on theories of criminal behavior and specific types of crime.

#### 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.

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

Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. May be repeated for up to 6 credits. Required: Student Petition.

Prerequisites: CJA-170
Corequisites: CWE-281

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

Cooperative work experience. Supervised experience in criminal justice, corrections, juvenile corrections, or related occupations. May be repeated for up to 6 credits. Required: Student Petition.

Prerequisites: CJA-170 and CJA-280
Corequisites: CWE-281
Cooperative work experience. Provides students with on-the-job work experience in the field of media studies. Required: Student Petition.
Corequisites: CWE-281

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**Economics**

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

**EC-202** **PRINCIPLES OF ECONOMICS: MACRO, 4 CREDITS**
Introduction to economic theory, policy, and institutions. Focuses on macroeconomic theory, money, unemployment, inflation, fiscal and monetary policies, international finance, and economic growth.
Prerequisites: MTH-020 or placement in MTH-050 or MTH-060
Prerequisite or Corequisite: WRD-098 or placement in WR-121Z

**Education**

**ECE-154ES** **DESARROLLO DEL LENGUAJE Y LA ALFABETIZACIÓN, 4 CREDITS**
Se centra en el desarrollo del lenguaje y la alfabetización de los niños desde el nacimiento hasta tercer grado. Se examinarán las bases de la investigación y los componentes del desarrollo del lenguaje y la alfabetización. Se explorarán los criterios para seleccionar literatura infantil de calidad. Se enfatizarán estrategias prácticas para promover un desarrollo óptimo.

**ECE-197ES** **EL PROFESIONAL EN EDUCACIÓN INFANTIL, 4 CREDITS**
Se enfoca en el rol del profesional en Educación Infantil (ECE) y se explorará los estándares y competencias profesionales de NAECY para maestros de la primera infancia. Los estudiantes recibirán información sobre el Código de Conducta y Ética profesional de la Asociación Nacional para la Educación de Niños Pequeños así como también la información sobre lo que significa ser un Profesional de ECE y cómo abogar para los niños y las familias.
Prerequisites: ECE-121ES, ECE-240ES, ECE-246ES, and ECE-280ES

**ECE-239ES** **PRÁCTICAS INFORMADAS POR EL TRAUMA EN EL CUIDADO Y LA EDUCACIÓN DE LA PRIMERA INFANCIA, 4 CREDITS**
Desarrollar conocimientos y habilidades que apoyen el aprendizaje y el desarrollo de niños pequeños, desde el nacimiento hasta los 8 años, que han sido negativamente afectados por traumas. Explorar los tipos y síntomas del trauma, y hacer hincapié en las prácticas informadas por el trauma que pueden aplicarse en el hogar y el entorno escolar del niño. Identificar los recursos disponibles y las estrategias reconocidas para trabajar en colaboración con las familias y otros profesionales.

**ECE-240ES** **AMBIENTES Y PLANIFICACIÓN CURRICULAR, 4 CREDITS**
Se enfoca en una introducción a la creación de entornos de aprendizaje y planes de estudio para niños de tres a cinco años de edad en programas basados en hogares o centros. El curso cubre las teorías y las relaciones entre el espacio físico y social, las actividades, las experiencias y los materiales. Se enseña a los estudiantes el uso de prácticas adecuadas para el desarrollo y la cultura en la planificación y la selección de entornos y planes de estudio para niños pequeños.

**ECE-246ES** **RELACIONES ENTRE LA ESCUELA, LA FAMILIA Y LA COMUNIDAD, 4 CREDITS**
Este curso se concentra en el conocimiento y las habilidades para trabajar eficazmente con las familias y la comunidad y con otros profesionales en educación infantil (6 semanas de edad hasta tercer grado). El énfasis está en construir y mantener relaciones positivas para fomentar la cooperación y el respeto mutuo entre los profesionales en la primera infancia y las familias de los niños con quienes trabajan.

**ECE-291ES** **PRACTICUM II, 4 CREDITS**
Se enfoca en permitir que los estudiantes tengan una experiencia laboral en una variedad de entornos educativos, al mismo tiempo que hacen las tareas asignadas regularmente a los educadores de la primera infancia. Este curso permite a los estudiantes aplicar los conocimientos, métodos y habilidades adquiridos en los cursos de educación infantil y estudios sobre las familias. El seminario cubre las experiencias en el aula, las mejores prácticas y los métodos de evaluación.
Prerequisites: ECE-121ES, ECE-150ES, ECE-179ES, ECE-240ES, ECE-280ES, HDF-225ES, and HDF-247ES
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**ED-229 LEARNING & DEVELOPMENT, 3 CREDITS**

Focuses on foundational ideas, concepts, principles, and theories in the field of educational psychology that have a significant influence on educational practice. Provides students with an overview of psychological theories regarding human development, intelligence, motivation, and the learning process. Students learn how to apply strategies and techniques derived from these theories in the classroom.

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**ED-254 INSTRUCTIONAL STRATEGIES FOR DUAL LANGUAGE LEARNERS, 3 CREDITS**

Examines pedagogical and cultural approaches which lead to successful development of English language skills and content knowledge for children who speak a home language other than English.

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**ED-269 OVERVIEW OF SPECIAL EDUCATION, 3 CREDITS**

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

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### Electronics & Microelectronics

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

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**Emergency Medical Technology**

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Introduces the student to Emergency Medical Services (EMS). Explores the career pathways for EMTs and Paramedics. Examines the history, structure, and function of our modern-day EMS system. Includes provider roles and responsibilities, operations, safety, legal considerations, and career opportunities. In addition, this class provides a foundation for the EMT certification course by including a review of anatomy and physiology; where things are and how they are supposed to work, pathophysiology; what happens when disease or injury causes those systems to fail, and patient assessment; how EMS provides evaluation for those conditions and make treatment and transport decisions.

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### English for Speakers of Other Languages

**ESOL-012 BEGINNING ESOL, 0 CREDIT**

English language learners speak and listen to simple words, phrases, questions, statements and commands using common English vocabulary in simple, highly-structured tasks. Aligns with the Oregon Adult English Language Proficiency Standards, Level 1 and the Oregon Adult College and Career Readiness Standards Reading Foundational Skills. Variable Hours: 48-66 hours. Required: Student Petition.

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**ESOL-014 BEGINNING READING, WRITING, AND GRAMMAR, 0 CREDIT**

English language learners are introduced to the basic language necessary to function in day-to-day American society; language functions are taught in the contexts of work, family and community. Aligns with the Oregon Adult English Language Proficiency Standards, Level 1. This course introduces the same skills as ESOL-012, but provides fewer hours toward developing mastery. Required: Student Petition.

**OC LCT**

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**ESOL-020** UPPER BEGINNING GRAMMAR, 0 CREDIT

English language learners study and practice basic verb forms (simple present and present progressive), and adverbs of frequency in written and spoken English. Aligns with the Oregon Adult English Language Proficiency Standards, Level 1. Required: Student Petition.

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**ESOL-031** INTERMEDIATE GRAMMAR B, 0 CREDIT

One of a two-part series. English language learners study and practice simple past and perfect verb forms with time expressions, and comparative and superlative adjectives in written and spoken English. Aligns with the Oregon Adult English Language Proficiency Standards, Level 2. Required: Student Petition.

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**ESOL-033** INTERMEDIATE CONVERSATION 2, 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. One of a 2-part series. Aligns with the Oregon Adult English Language Proficiency Standards, Levels 2 and 3. Required: Student Petition.

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**ESOL-043** UPPER INTERMEDIATE CONVERSATION 2, 0 CREDIT

English language learners study and practice speaking and listening skills and strategies for independent communication to improve fluency in the contexts of school, work, family and community. One of a 2-part series. Aligns with the Oregon Adult English Language Proficiency Standards, Levels 3 and 4. One of a 2-part series. Required: Student Petition.

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### English Literature

#### ENG-104Z INTRODUCTION TO FICTION, 4 CREDITS
The study of fiction invites us to enter imaginative narratives and confront the challenges of being human. ENG-104Z provides opportunities for the appreciation of fiction, including deeper awareness of craft and insight into how reading fiction can lead to self-enrichment. Students read a variety of types of fiction, from diverse perspectives and eras, and develop their skills in discussion, literary analysis, and critical thinking.

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

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#### ENG-106Z INTRODUCTION TO POETRY, 4 CREDITS
The study of poetry invites us to delve into the biggest questions about life and culture alongside the seemingly smallest issues of words and sounds. ENG-106Z provides opportunities for the appreciation of poetry, including deeper awareness of craft and insight into how reading poetry can lead to self-enrichment. Students read a variety of types of poetry and poetic forms, from diverse perspectives and eras, and develop their skills in discussion, literary analysis, and critical thinking.

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

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<th>Section No</th>
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<th>Crs Reg.</th>
<th>Days (M,T,W,TH,F,S,SU)</th>
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#### ENG-222 CHILDREN'S AND YOUNG ADULT LITERATURE, 4 CREDITS
Surveys the development of the genres of children's and young adult literature, including fairy tales, picture books, classic children's novels, and contemporary young adult novels, studying how these texts reflect their culture's understanding of young readers' psychology, taste, and learning needs over time.

**Recommended Prerequisites:** Placement in WRD-098 or above

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<th>Section No</th>
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<th>Crs Reg.</th>
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#### ENG-250 GREEK MYTHOLOGY, 4 CREDITS
Explores the historical, cultural, social, and literary significance of Greek myths; views Greek mythology in its historical and geographic positions and in the larger context of Western civilization and literary tradition; considers how studying myth affects and influences reading other works; introduces theoretical approaches to mythology and basic literary elements and terminology.

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

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### Family Studies

#### HDF-247ES DESARROLLO DE LAS ETAPAS PRENATAL, INFANTES Y DE NIÑOS PEQUEÑOS, 4 CREDITS
Se enfoca en la exploración del desarrollo y factores que influyen áreas relacionadas con lo físico, cognitivo y socio-emocional en los niños desde la etapa prenatal hasta los tres años de edad. Se examinarán teorías relacionadas con estas etapas, así como la influencia del lenguaje y la cultura en el desarrollo y crianza.

**Prerequisites:** HDF-225ES

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#### HDF-260 UNDERSTANDING CHILD ABUSE AND NEGLECT, 3 CREDITS
In this course, students will receive an overview of child abuse and neglect. Students will examine the types and causes of abuse, abused children, abusive parents, treatment, education and prevention, and resources available to assist children and families. An emphasis is placed on intervention and mandatory reporting, as well as risks and outcomes. This course discusses the investigation process of child welfare and forensic interviewing of abused children. Students will also learn about the signs and symptoms of abuse and how trauma impacts an individual's health across a lifetime.

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### Food & Nutrition

#### FN-110 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 and habits. It is a basic nutrition course for students with little or no science background.

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**Distance Education Notification:**

- **ONL:** Online Only
- **REM:** Remote (w/ scheduled meetings)
- **HYB:** In-person plus online work
- **WILS:** Wilsonville Training Center
- **VAR:** Variable credit class

**Other Coding Translations:**

- TBA: To be arranged: contact department first class
- ESPAÑOL: Enseñado en español
- LCT: Low-Cost Text

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

<table>
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<td>FN-225</td>
<td>NUTRITION, 4 CREDITS</td>
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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

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<td>J. PAVINIC</td>
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Online textbook included in section fees.

General Development Education (GED)

GED Classes offered Days and Evenings

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

GED-011  GED IN ESPAÑOL, 0 CREDIT

Instrucción del desarrollo de habilidades básicas ofrecida en español. Un examen de diagnóstico determina las necesidades académicas del alumno. Inscripción y terminación del curso todo el tiempo durante el trimestre, se ofrece en Harmony center y Oregon City campus. Se requiere el consentimiento del Instructor para registrarse. Basic academic instruction offered in Spanish. Diagnostic tests determine individual academic needs. Open-entry, open-exit class offered at Harmony center and Oregon City campus. Required: Student Petition.

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GED-015  GED PREPARATION, 0 CREDIT

Basic academic skill development preparing for the GED 2014 tests and transition to career or post-secondary education. Course focuses primarily on language arts, math and technology skills. Provides direction and support for transitioning students. Required: Student Petition.

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<td>D. GREEN</td>
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Geographic Information Systems

GIS-201  INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS, 3 CREDITS

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

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Meet: 6/24-8/15.

Geography

GEO-110  CULTURAL & HUMAN GEOGRAPHY, 4 CREDITS

Introduces geographical perspectives on human population, agriculture, political pattern, language, religion, folk culture, popular culture, ethnic culture, urban development, industry, and transportation as these play out on the diverse landscapes of the world.

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

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Meet: 6/24-8/15.

GEOLOGY

G-145  GEOLOGY OF THE PACIFIC NORTHWEST, 4 CREDITS

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

**Corequisites:** G-145L

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<td>B. WALKER</td>
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</table>

Meet: 6/24-8/15. This section has two mandatory Saturday full-day field trips. Contact instructor for exact trip dates.

**Corequisite:** Take the following G-145L-01.

G-145L  GEOLOGY OF THE PACIFIC NW LAB, 0 CREDIT

Lab course for G-145

**Corequisites:** G-145

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Meet: 6/24-8/15. This section has two mandatory Saturday full-day field trips. Contact instructor for exact trip dates.

**Corequisite:** Take the following G-145-01.

Gerontology

GRN-280  GERONTOLOGY/CWE, 2-6 CREDITS (VAR)

All degree seeking students should arrange to speak to a faculty advisor prior to registering. Call 503-594-3678 for more information, or contact Advising, 503-594-3475.

For information about Clackamas Community College, call 503-594-6000
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. May be repeated for up to 6 credits. Required: Student Petition.

Prerequisite or Corequisite: HS-170
Corequisites: HS-270

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.

ONL HE-204-01 332968
K. STEEN $378.00 $39.00 $0.00 $417.00

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.

ONL HE-250-01 332970
K. STEEN $378.00 $39.00 $0.00 $417.00

ONL HE-250-02 332976
J. RHODEN $378.00 $39.00 $0.00 $417.00

HE-252 FIRST AID/CPR/AED, 3 CREDITS
This course supports the American Red Cross program for First Aid/CPR/AED and will teach participants the knowledge and skills needed to give immediate care to an injured or ill person and to decide whether advanced medical care is needed. Successful completion of the course leads to a Red Cross First Aid/CPR/AED certification for the lay responder.

ONL LCT HE-252-01 332977
K. ARIZO $378.00 $39.00 $35.00 $452.00

Health Professions

HP-100 HEALTHCARE PROVIDER BLS/CPR, FIRST AID/BLOODBORNE PATHOGENS, 1 CREDIT
Introduces CPR, first aid, and bloodborne pathogens to individuals working in healthcare environments, home, and community settings. Covers skills to perform CPR and operate an Automatic External Defibrillator (AED) for adults/children/infants. Includes citizen-level first aid for providing initial care to persons injured or stricken by sudden illness where help is not immediately available. Covers how to minimize communicable disease transmission while providing emergency care.

Recommended: Computer access with internet capabilities

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

OC HYB HP-100-01 337541 TBA
T. SAZWAK $126.00 $13.00 $0.00 $139.00

Course Listing 2024/SU

HP-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. Required: Student Petition.

ONL HP-110-01 337493
T. BOYD $504.00 $52.00 $60.00 $616.00
Required: Student Petition.

ONL HP-110-02 337495
T. BOYD $504.00 $52.00 $60.00 $616.00
Required: Student Petition.

History

HST-101 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
Origins and development of Western Civilization with a primary focus on Europe from ancient times to ca. 1300.

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

ONL LCT HST-101-01 332956
P. MCFARLAND $504.00 $52.00 $0.00 $556.00
Meets: 6/24-8/15. Online textbook provided first day of class.

HST-102 HISTORY OF WESTERN CIVILIZATION, 4 CREDITS
Origins and development of Western Civilization with an emphasis on Europe from ca. 1300 to 1800.

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

ONL LCT HST-102-01 332959
P. MCFARLAND $504.00 $52.00 $0.00 $556.00
Meets: 6/24-8/15. Online textbook provided first day of class.

Horticulture/Arboriculture/Landscape/Organic Farming

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

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 Education Center demonstration arboretum located on campus.

OC HOR-146-01 332978 M
T. LORDY $378.00 $39.00 $50.00 $467.00

HOR-211 NATIVE PLANT IDENTIFICATION, 1 CREDIT
Students will learn to identify 50 native plants within the cultural and ecological context of the Pacific Northwest bioregion.

OC HYB HOR-211-01 332979 T
M. MELCO $126.00 $13.00 $40.00 $179.00
Meets: Tuesdays 7/2-7/30.

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

Distance Education Notification:
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Other Coding Translations:
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ESPaÑOL: Enseñado en español
LCT: Low-Cost Text
www.clackamas.edu 25
<table>
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<td>Required: Student Petition. Contact: <a href="mailto:chrisk@clackamas.edu">chrisk@clackamas.edu</a></td>
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<tr>
<td>HS-103</td>
<td>ETHICS FOR HUMAN SERVICE WORKERS, 2 CREDITS</td>
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Required: Students are expected to work a minimum of 90 job site hours. May be repeated for up to 6 credits. Required: Student Petition.

Corequisites: CWE-281

Explores the professional issues students will face when in a helping relationship. Introduces the professional codes of ethics associated with the helping professions. Addresses solving ethical dilemmas using professional guidelines. Topics include client rights, confidentiality, professional boundaries, legal issues in helping, competence, and cultural diversity.

ONL LCT: $374294 | M. MANEWAL | $252.00 | $26.00 | $0.00 | $278.00 | Meets: 6/24-8/15.

HS-104 USING DIAGNOSTIC CRITERIA IN SUBSTANCE USE TREATMENT, 2 CREDITS

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

ONL LCT: $33942 | M. MANEWAL | $252.00 | $26.00 | $0.00 | $278.00 | Meets: 6/24-8/15.

HS-210 MOTIVATIONAL INTERVIEWING, 3 CREDITS

Students taking this course will learn a client-centered approach to working with a variety of populations that are ambivalent towards change or are even mandated to make a change (court-ordered populations). Motivational Interviewing is recognized as a core component of various interventions service providers use, including those in substance abuse/addiction services, mental health, primary healthcare, education, and criminal justice. These skills include interviewing and listening, identifying ambivalence and change talk, strengthening resolve to change, and internal motivation of populations served.

Recommended Prerequisites: HS-156

ONL HYB: $337429 T | C. BAKER | $378.00 | $39.00 | $0.00 | $417.00 | Meets: 6/24-8/15. In-person classes occur on 6/25, 7/16, & 8/6.

HS-211 INFECTIOUS DISEASES AND HARM REDUCTION, 1 CREDIT

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

ONL: $33943 | Y. SMITH | $126.00 | $13.00 | $0.00 | $139.00 | Meets: 6/24-8/15.

HS-270 HUMAN SERVICES PRACTICUM SEMINAR, 2 CREDITS

Focuses on field experience for students in a variety of human service settings, paralleling duties regularly assigned to human service workers. The course offers students a chance to discuss issues faced in the field, and apply human services concepts and theories to their work. Students will reflect on program curriculum and the how their knowledge influences the work in the field. May be repeated for up to 6 credits. Required: Student Petition.

Corequisites: GRN-280, HS-280, HS-281, or HS-282

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 (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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<td>337430</td>
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<td>HS-280</td>
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<td>OC LCT</td>
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<td>$879.00V</td>
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<td>Cooperative work experience. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other occupations. May be repeated for up to 12 credits. Required: Student Petition.</td>
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<td>Cooperative work experience level III. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. May be repeated for up to 12 credits. Required: Student Petition.</td>
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<td></td>
<td>An introduction of how personal concepts of faith &amp; reason and institutions of science &amp; religion shape personal intellectual landscapes. Examines classical philosophy, sacred texts, worldviews, modern fiction, poetry, theology, cosmology, and evolutionary biology.</td>
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<td>TBA</td>
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<td>$879.00V</td>
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<td>TBA</td>
<td>6/24-8/15</td>
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<td>$78.00</td>
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<td>$879.00V</td>
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<td>Cooperative work experience. Provides the student with on-the-job experience and training related to public relations. Required: Student Petition.</td>
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<td>Cooperative work experience level II. Supervised experience in human services including but not limited to: social service; early childhood care; criminal/juvenile justice; gerontology; and other related occupations. May be repeated for up to 12 credits. Required: Student Petition.</td>
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<td>TBA</td>
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<td>OC</td>
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<td>MW</td>
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<td>$504.00</td>
<td>$52.00</td>
<td>$205.00</td>
<td>$761.00</td>
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<tr>
<td></td>
<td>Introduces and strengthens college-level research skills. Students will build an understanding of strategies for finding, evaluating, and using information responsibly. Prepares students for success in research-based college assignments and real-life research needs.</td>
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<td>C. LETTENMAIER</td>
<td>MW</td>
<td>4-9:20 PM</td>
<td>$504.00</td>
<td>$52.00</td>
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<td>$205.00</td>
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<td>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.</td>
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<td>MW</td>
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<td>$52.00</td>
<td>$205.00</td>
<td>$761.00</td>
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<td></td>
<td>This course is a continuation of machine tool operations. Topics 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.</td>
<td>OC</td>
<td>C. LETTENMAIER</td>
<td>MW</td>
<td>4-9:20 PM</td>
<td>$504.00</td>
<td>$52.00</td>
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<td>CAD/CAM I, 4 CREDITS</td>
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<td>C. LETTENMAIER</td>
<td>MW</td>
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<td>$504.00</td>
<td>$52.00</td>
<td>$205.00</td>
<td>$761.00</td>
</tr>
<tr>
<td></td>
<td>This course is the first in the CAM series and will introduce students to computer-aided part creation and programming. Students will use CAD/CAM software to generate Numerical Control (NC) code to produce machined products. Model creation, process verification, code generation, and CAD/CAM integration will be covered.</td>
<td>OC</td>
<td>C. LETTENMAIER</td>
<td>MW</td>
<td>4-9:20 PM</td>
<td>$504.00</td>
<td>$52.00</td>
<td>$205.00</td>
<td>$761.00</td>
</tr>
<tr>
<td>Other Coding Translations:</td>
<td>TBA: To be arranged; contact department first class</td>
<td>HYB: In-person plus online work</td>
<td>VAR: Variable credit class</td>
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<td></td>
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</tr>
</tbody>
</table>

**Course Information**

- **Course No**: The unique identifier for each course.
- **Course Title, Credits**: The title and credits of the course.
- **Section No**: The section number for the course.
- **Crs Reg.**: The course registration number.
- **Tuition**: The tuition cost for the course.
- **Fee**: Additional fees for the course.
- **Crs. Fee**: Costs associated with the course.
- **Total**: The total cost for the course.

**Corequisites**

- HS-170
- HS-270

**Recommended Prerequisites**

- WRD-098 or placement in WR-121Z

**Corequisites**

- CWE-281

**Recommended Prerequisites**

- MFG-104 and MTH-050

**Recommended Prerequisites**

- MTT-112

**Recommended Prerequisites**

- MTT-121

**Other Coding Translations**

- **ONL**: Online Only
- **REM**: Remote (w/ scheduled meetings)
- **HYB**: In-person plus online work
- **VAR**: Variable credit class

**Distance Education Notification**

- **ONL**: Online Only
- **REM**: Remote (w/ scheduled meetings)
- **HYB**: In-person plus online work

**Español**

- Enseñado en español
- LCT: Low-Cost Text

**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
- **REM**: Remote (w/ scheduled meetings)
- **HYB**: In-person plus online work

**Address**

- 503-594-6000

**Website**

- www.clackamas.edu
### Course Listing 2024/SU

<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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<tbody>
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<td>PRINT READING, 3 CREDITS</td>
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<td>MFG-104-01</td>
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<td>INDUSTRIAL SAFETY &amp; FIRST AID, 3 CREDITS</td>
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<td>MFG-107-01</td>
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### Mathematics

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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.

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

#### 2024/SU

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</th>
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#### PREREQUISITES

- **MTH-095**: With a C or better, or placement in MTH-095
- **MTH-098**: With a C or better, or placement in MTH-050, MTH-060, or MTH-098
- **MTH-105Z**: With a C or better, or placement in MTH-111Z

#### CATALOG DESCRIPTIONS

**MTH-095**: ALGEBRA III, 4 CREDITS

The third term of topics in algebra using the rule-of-four approach is designed to prepare students for transfer-level math courses. This course emphasizes problem-solving and graphical techniques with the use of a graphics calculator.

**Prerequisites**: MTH-095 with a C or better, or placement in MTH-111Z

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

**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 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-095 or MTH-098 with a C or better, or placement in MTH-050, MTH-060, or MTH-098

**MTH-105Z**: MATH IN SOCIETY, 4 CREDITS

An exploration of present-day applications of mathematics focused on developing numeracy. Major topics include quantitative reasoning and problem-solving strategies, probability and statistics, and financial mathematics; these topics are to be weighted approximately equally. This course emphasizes mathematical literacy and communication, relevant everyday applications, and the appropriate use of current technology.

**Prerequisites**: MTH-095 or MTH-098 with a C or better, or placement in MTH-111Z

**Recommended Prerequisites**: WRD-098 or placement in WR-121Z
## Course Listing

### 2024/SU

<table>
<thead>
<tr>
<th>Course No</th>
<th>Course Title, Credits</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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### Distance Education Notification:

- **ONL:** Online Only
- **REM:** Remote (w/ scheduled meetings)
- **HYB:** In-person plus online work
- **TBA:** To be arranged: contact department first class
- **VAR:** Variable credit class

### Other Coding Translations:

- **TBA:** To be arranged
- **VAR:** Variable credit

### Course No | Course Title, Credits | Section No | Instructor | Days (M,T,W,TH,F,S,SU) | Time | Tuition | Fee | Crs. Fee | Total |
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**Medical Billing and Coding**

**MBC-225**

**ICD-10, CPT AND HCPCS CODING II, 5 CREDITS**

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.

**Prerequisites:** MTH-251

**OC HYB LCT MTH-275-01**

**Medical Billing and Coding students only**

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<th>REM</th>
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### Music

**MUS-280**

**MUSIC/CWE, 2-6 CREDITS (VAR)**

Cooperative work experience. Provides students with on-the-job work experience in the field of music. Required: Student Petition.

**Corequisites:** CWE-281

**Prerequisites:** MUS-107, MUS-140, and MUS-142

**OC LCT**

<table>
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<tr>
<th>Course No</th>
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<th>Time</th>
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<th>Fee</th>
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**XMUP-0001**

**UNISTUS CHOIR, 0 CREDIT**

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

MUP-100  **INDIVIDUAL LESSONS: NON-MUSIC MAJORS, 1 CREDIT**
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 up to 6 credits. Required: Student Petition.

<table>
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<th>Course Title, Credits</th>
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**Philosophy**

PHL-101  **PHILOSOPHICAL PROBLEMS, 4 CREDITS**
Introduces basic philosophical questions such as: What is reality? What is knowledge? What is truth? Can humans freely choose? What is human awareness? What is a meaningful life?

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

<table>
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<tr>
<th>Course No</th>
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PHL-102  **ETHICS, 4 CREDITS**

**Phlebotomy**

PHB-125  **PROFESSIONALISM IN HEALTHCARE, 1 CREDIT**
This course is designed to support the transition from practicum to employment by exploring nationally recognized credentialing options, summarizing essential skills related to phlebotomy, and finalizing professional portfolio for employment.

**Prerequisites:** PHB-110, PHB-112, and PHB-115

**Corequisites:** PHB-130

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<th>Course No</th>
<th>Course Title, Credits</th>
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**Physical Education**

PE-185  **PHYSICAL ACTIVITY CLASSES, 1 CREDIT**
Recommended: Current physical examination before enrolling

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<th>Course No</th>
<th>Course Title, Credits</th>
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**Political Science**

PS-201  **AMERICAN GOVERNMENT AND POLITICS, 4 CREDITS**
Examines the founding principles of the American government, as well as the Constitution, the separation of powers, and the three branches of government, political parties and elections, and the role of interest groups and the media in the political process. In addition, assesses the growing power of the executive branch, the expansion and reach of the federal bureaucracy, governmental policies, and the civil liberties and civil rights of American citizens.

<table>
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### Psychology

**PSY-101 HUMAN RELATIONS, 3 CREDITS**
Focusses on developing skills and strategies necessary to build and maintain successful personal and professional relationships. Applies psychological principles to understanding relationships with ourselves and others in social, workplace, and digital contexts. Includes an overview of basic psychology principles in addition to skill development in the following areas: dealing with emotions, interpersonal communication, developing close relationships, resolving conflicts, and managing stress. Includes individual and group activities, lecture, and discussions with an emphasis on student participation.

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

**PSY-201Z INTRODUCTION TO PSYCHOLOGY I, 4 CREDITS**
Introduction to the science and application of psychology. Emphasis will be placed on psychological concepts, theories, and principles related to: Research Methods, Behavioral Neuroscience, Consciousness, Sensation/Perception, Learning, Memory, Thinking and Intelligence, and related topics.

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

**PSY-202Z INTRODUCTION TO PSYCHOLOGY II, 4 CREDITS**
Introduction to the science and application of psychology. Emphasis will be placed on psychological concepts, theories, and principles related to: Personality, Social Psychology, Health and Well-Being, Motivation and Emotion, Disorders, Therapies, Lifespan Development, and related topics.

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

**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-090 or placement in WRD-098

### Renewable Energy Technology

**RET-280 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/supervisor. Required: Student Petition.

**Corequisites:** CWE-281

### Small Business Development Center

Registration for these workshops does not require college admission. E-mail bizcenter@clackamas.edu for online registration instructions.

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

Website: www.oregonsbdc.org/clackamas
### Course Listing 2024/SU

<table>
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<tr>
<th>Course No</th>
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### Social Science

**SSC-160** | FAITH & REASON, 4 CREDITS | OC | SSC-160-01 TH | J. SELBY | 10-12:45 PM | $504.00 | $52.00 | $0.00 | $556.00 |

### Sociology

**SOC-204** | INTRODUCTION TO SOCIOLOGY, 4 CREDITS | OC HYB | SOC-204-01 | 333065-W | 1-3:45 PM | $504.00 | $52.00 | $0.00 | $556.00 |

### Theatre Arts

**TA-111** | FUNDAMENTALS OF TECHNICAL THEATRE, 4 CREDITS | OC LCT | TA-111-01 | 332832-TTH | 1-3:50 PM | $504.00 | $52.00 | $35.00 | $591.00 |

### Recommended Prerequisites

**SOC-205** | SOCIAL STRATIFICATION & SOCIAL SYSTEMS, 4 CREDITS | OC HYB | SOC-205-01 | 333067-TH | 1-3:45 PM | $504.00 | $52.00 | $0.00 | $556.00 |

**STAT-243Z** | ELEMENTARY STATISTICS I, 4 CREDITS | OC HYB LCT | STAT-243Z-01 | 337533-MW | 1-3:50 PM | $504.00 | $52.00 | $20.00 | $576.00 |

**SOC-204** | INTRODUCTION TO SOCIOLOGY, 4 CREDITS | OC HYB | SOC-204-01 | 333065-W | 1-3:45 PM | $504.00 | $52.00 | $0.00 | $556.00 |

**TA-111** | FUNDAMENTALS OF TECHNICAL THEATRE, 4 CREDITS | OC LCT | TA-111-01 | 332832-TTH | 1-3:50 PM | $504.00 | $52.00 | $35.00 | $591.00 |

### Other Coding Translations

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

### Distance Education Notification

**ONL** | Online Only | |

**REM** | Remote (w/ scheduled meetings) | |

**HYB** | In-person plus online work | |

### Campus Locations

**HAR** | Harmony Community Campus | |

**OC** | Oregon City Campus | |

**WILS** | Wilsonville Training Center | |

**OFF** | Other Off-Campus Location | |
WET-108 CROSS-CONNECTION CONTROL PROGRAM SPECIALIST, 3 CREDITS

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

OC

WET-108-01 333036 TWTHF 8-4:50 PM
J. NURMI $378.00 $39.00 $0.00 $417.00
Meets: 9/3-9/6. Section meets in-person on campus. Contact Jim Nurmia at jamezn@clackamas.edu for more information.

WET-109 BACKFLOW ASSEMBLY OPERATION AND TESTING, 4 CREDITS

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

OC

WET-109-01 333037 MTWTHF 8-4:50 PM
M. LAFORCE $504.00 $52.00 $4.00 $560.00

OC

WET-109-02 337515 MTWTHF 8-4:50 PM
M. LAFORCE $504.00 $52.00 $4.00 $560.00
Meets: 8/5-8/9.

WET-180 WATER & ENVIRONMENTAL PROJECTS I, 5 CREDITS

Practical work experience in a municipal industrial treatment, distribution, or collection system. Placement in consulting firms, federal and state regulatory agencies, BLM, BPA, and other regulated governmental organizations.

Corequisites: CWE-281

ONL

WET-180-01 333039
M. LAFORCE $630.00 $65.00 $45.00 $740.00

WET-280 WATER & ENVIRONMENTAL PROJECTS II, 5 CREDITS

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

Corequisites: CWE-281

Course Listing

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<th>Course No</th>
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WET-280-01
M. LAFORCE $630.00 $65.00 $45.00 $740.00

WET-2000

2-DAY TESTER RETRAIN/RENEWAL, 1.20 CEUS

Review of backflow prevention assemblies used for water/wastewater system cross connection control. Review will include overview of hydraulics and degree of hazards, proper backflow installation procedures, and approved testing/troubleshooting procedures. Students will learn to identify common, actual, and potential cross connection hazards; students will be introduced to the basic requirements for carrying out a cross connection program. Upon successful hands on and written exam completion, students will be issued certificate of completion by OBT/CCC and transcripted for appropriate number of CEUs. Students will be able to apply to Oregon Health Department for recertification by that agency.

OC

WET-2000-01 337668 THF 8-3:50 PM
M. LAFORCE $0.00 $0.00 $0.00 $0.00
Meets: 8/1-8/2. Fee: $200.00. Go to ccc-wet.eventbrite.com to sign up.

WET-2000-02 333115 THF 8-4:50 PM
M. LAFORCE $0.00 $0.00 $0.00 $0.00
Meets: 9/3-9/6. Fee: $400.00. Go to ccc-wet.eventbrite.com to sign up.

WET-2000-03 333118 MTWTHF 8-4:50 PM
M. LAFORCE $0.00 $0.00 $0.00 $0.00

WET-2000-04 333121 MTWTHF 8-5:00 PM
M. LAFORCE $0.00 $0.00 $0.00 $0.00
Meets: 8/5-8/9. Fee: $500.00. Go to ccc-wet.eventbrite.com to sign up.

Welding Technology

Must have ANSI approved eye protection first day and comply with College safety policy.
WLD-100  WELDER'S PRINT READING I, 3 CREDITS
Provides instruction in reading and interpretation of prints and symbols common in the welding industry. Participants will learn the interpretation and application of basic lines, dimensions, structural shapes, and specifications. Welding symbols and their application to different types of joint configurations will be covered, as well as how to develop basic shop drawings and prints.

OC  WLD-100-01  333043  1-4:50 PM  M. TIZO  $378.00  $39.00  $219.00  $636.00

WLD-102  INTRODUCTION TO WELDING, 2 CREDITS
Designed for the beginner and experimental welder. Includes: oxy-acetylene cutting and welding, SMAW (Shielded Metal Arc Welding), GMAW & FCAW (Gas Metal Arc Welding & Flux Core Arc Welding) and GTAW (Gas Tungsten Arc Welding) and plasma arc cutting.

OC LCT  WLD-102-01  333047  8-12:50 PM  K. DRURY  $252.00  $26.00  $146.00  $424.00

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.

OC LCT  WLD-110-01  333050  8-12:50 PM  R. ABBOTT  $504.00  $52.00  $342.00  $988.00

OC LCT  WLD-110-02  337632  5-9:50 PM  M. TIZO  $504.00  $52.00  $342.00  $988.00

OC LCT  WLD-110-04  333053  10:30 -12:20 PM  B. MULLIGAN  $504.00  $52.00  $342.00  $988.00

OC LCT  WLD-110-05  333054  5-9:50 PM  B. MULLIGAN  $504.00  $52.00  $342.00  $988.00

WLD-113  GAS METAL ARC WELDING/FLUX CORE ARC WELDING (WIREFEED), 8 CREDITS
Provides students with the opportunity to acquire knowledge and skills to set up and operate equipment to perform fillet and groove welds in all positions with the Gas Metal Arc and Flux Core Arc Welding processes. Oxy-fuel cutting, air carbon arc cutting and gouging will be covered. Welding codes, standards and specifications will be reviewed.

OC LCT  WLD-113A-01  333057  MTWTH  J. PHELPS  $504.00  $52.00  $292.00  $848.00

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

OC LCT  WLD-113B-01  333059  TTH  J. PHELPS  $504.00  $52.00  $292.00  $848.00

WLD-115  GAS TUNGSTEN ARC WELDING (GTAW), 8 CREDITS
Provides students with the opportunity to acquire knowledge and skills to set up and operate equipment to perform fillet and groove welds in all positions with the Gas Tungsten Arc Welding process. Plasma arc cutting will be covered. Welding codes, standards, and specifications will be reviewed.

OC  WLD-115-01  333061  MTWTH  D. PODKOWA  $1,008.00  $104.00  $584.00  $1,696.00

WLD-115A GAS TUNGSTEN ARC WELDING (GTAW), 4 CREDITS
The first half of WLD-115 which provides the opportunity to acquire knowledge and skills to perform more advanced fillet and groove welds in the Gas Tungsten Arc Welding process. Plasma arc cutting will be covered.

OC  WLD-115A-01  333063  MW  D. PODKOWA  $504.00  $52.00  $292.00  $848.00

WLD-115B GAS TUNGSTEN ARC WELDING (GTAW), 4 CREDITS
The second half of WLD-115 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 Tungsten Arc Welding process. Welding codes, standards, and specifications will be reviewed.

Prerequisites: WLD-115A

OC  WLD-115B-01  333064  TTH  D. PODKOWA  $504.00  $52.00  $292.00  $848.00

WLD-150  WELDING PROCESSES, 4 CREDITS
Covers oxy-fuel welding, brazing, cutting, SMAW (Shielded Metal Arc Welding), GMAW & FCAW (Gas Metal Arc Welding & Flux Core Arc Welding) and GTAW (Gas Tungsten Arc Welding) and plasma arc cutting and plasma cutting. This course includes safety, electrical fundamentals, routine maintenance, minor repairs, and welding terms and definitions.

OC  WLD-150-01  333066  8-12:50 PM  R. ABBOTT  $504.00  $52.00  $292.00  $848.00

OC  WLD-150-02  337633  5-9:50 PM  M. TIZO  $504.00  $52.00  $292.00  $848.00
## Course Listing

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### Prerequisites:

- WLD-100
- WLD-115; or WLD-115A and WLD-115B
- WLD-250
- WLD-251
- WLD-252

### 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.

### 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.

### 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.

### WELDING FABRICATION II INTERMEDIATE PROJECT, 4 CREDITS

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

### WELDING FABRICATION III ADVANCED PROJECT, 4 CREDITS

This course consists of lecture and lab. Students will use the skills learned in WLD-250 and WLD-251, such as blueprint reading, layout, sketching, bills of materials, job cost calculations, measuring, fitting, cutting and welding, and apply them to advanced projects. Students will be assigned advanced fabrication projects. The student will be responsible for all aspects of managing the project to successful completion.

### WELDING SPECIAL PROJECTS, 1-2 CREDITS (VAR)

Allows students to improve their welding skills while working on instructor-approved projects. May be repeated for up to 12 credits.
### Course Listing

#### Campus Locations:
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#### Distance Education Notification:
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#### Other Coding Translations:
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- LCT: Low-Cost Text
- ESPAÑOL: Enseñado en español

#### Low-Cost Text:
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#### Women's Studies

**WS-101 INTRODUCTION TO WOMEN'S STUDIES, 4 CREDITS**

Examines the history of the representation of women, the history of US feminism and the development of Women's Studies as an academic discipline. Critically explores social issues relevant to women's lives, including gender-expression, marginalization, reproduction, sexuality, economic status and the experience of violence.

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

#### World Languages

**SPN-101 FIRST-YEAR SPANISH I, 4 CREDITS**

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 Prerequisites:** WRD-098 or placement in WR-121Z

**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.

**Prerequisites:** SPN-101

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

**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.

**Prerequisites:** SPN-102

#### Writing

**WR-101 WORKPLACE WRITING, 4 CREDITS**

Students in this course learn and practice basic modes of technical writing, including summaries, process analysis, instructions, and reports.

**WR-121Z COMPOSITION I, 4 CREDITS**

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 Prerequisites:** WRD-098 or placement in WR-121Z

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#### WR-124ES ESCRITURA DE ENSAYOS DE NIVEL UNIVERSITARIO EN ESPAÑOL, 4 CREDITS

Este curso ofrece una introducción al ensayo académico. El alumnado aprenderá un proceso de escritura y redacción: desde cómo hacer una «lluvia de ideas» para generar ideas hasta cómo corregir e editar un escrito. A la vez, se desarrollarán respuestas originales en forma escrita a reseñas y reportajes sobre temas controversiales y a los ensayos académicos difíciles. La clase enfatizará la alfabetización de la información, así como: cómo encontrar y evaluar materiales, recursos relevantes y obras originales; cómo integrarlos en una redacción académica y cómo citarlos.

**Required:** Los y las estudiantes deben leer y escribir a nivel universitario, en español, antes de comenzar el curso

**Prerequisites:** WRD-098 o ubicación en WR-121Z

| ONL ESPAÑOL | WR-124ES-01 | 333120 | A. DEFFREESE | $0.00 | $0.00 | $19.00 | $19.00 | Meets: 6/24-8/15. |

#### WR-128 INTRODUCTION TO APA STYLE & DOCUMENTATION, 1 CREDIT

Introduces American Psychological Association (APA) style and documentation, including document format, in-text citation, and references page. Includes style and documentation for narrative and academic papers. Students will work with provided sources. Recommended for pre-nursing and nursing students, allied health students, and STEM and social science students.

**Prerequisites:** WR-121Z with a C or better

| ONL LCT | WR-128-01 | 333126 | S. PESZNECKER | $0.00 | $0.00 | $19.00 | $19.00 | Meets: 6/24-8/15. |

#### WR-140 INTRODUCTION TO WRITING CREATIVELY, 4 CREDITS

Guides students through the discussion and practice of writing creatively in many genres and formats, primarily poetry, fiction, drama, and creative non-fiction in a workshop format. May also include screenwriting, digital story telling, film, and performance genres.

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

| ONL LCT | WR-140-01 | 333127 | T. DONNELLY | $504.00 | $52.00 | $19.00 | $575.00 | Meets: 6/24-7/19. |

#### WR-227Z TECHNICAL WRITING, 4 CREDITS

WR-227Z introduces students to producing instructive, informative, and persuasive technical/professional documents aimed at well-defined and achievable outcomes. The course focuses on presenting information using rhetorically appropriate style, design, vocabulary, structure, and visuals. Students can expect to gather, read, and analyze information and to learn a variety of strategies for producing accessible, usable, reader-centered deliverable documents that are clear, concise, and ethical.

**Prerequisites:** WR-121Z with a C or better

| OC HYB LCT | WR-227Z-01 | 333128 | M | $504.00 | $52.00 | $19.00 | $575.00 | Meets: 6/24-8/15. |

#### WRD-090 INTRODUCTORY COLLEGE READING & WRITING 1, 4 CREDITS

Students discuss a variety of short, pre-college-level readings, and learn a process for developing their own paragraphs and very short essays (up to two pages). Other topics include becoming an independent reader, summarizing, and writing academically.

**Prerequisites:** Placement in WRD-090

| OC LCT | WRD-090-01 | 333134 | MW | $504.00 | $52.00 | $19.00 | $575.00 | Meets: 6/24-8/15. |

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

Preparation for writing in college-level courses. Students discuss a variety of early-college-level readings, and develop and refine their own essays (up to three pages) through a process of revision and multiple drafts. Other topics include becoming a confident reader, finding and using information, and giving credit to sources through informal citations.

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

| OC LCT | WRD-098-01 | 333139 | TTH | $504.00 | $52.00 | $19.00 | $575.00 | Meets: 6/24-8/15. |

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

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

| OC HYB LCT | XWR-0001-01 | 333146 | W | $0.00 | $0.00 | $0.00 | $0.00 | Meets: 6/20-9/13. This workshop will be conducted via Zoom and in-person. |

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**ESPAÑOL:** Enseñado en español

**LCT:** Low-Cost Text

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For information about Clackamas Community College, call 503-594-6000
Community Education strives to be a low-cost option for the district, with partners in many locations. If you would like to suggest a class please visit our website at www.clackamas.edu/suggest-a-community-ed-class.

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

As the days lengthen and we welcome back the sunshine into the Northwest, CCC Community Education partners have some exciting summer fitness classes scheduled. Adding cardio fitness, along with strength and flexibility training, can have positive health benefits.

Whether you are looking for Yoga in the Park at Milwaukie Community Center, Outdoor Tai Chi and Line Dance Workout at Pioneer Community Center, Body Sculpt at Wilsonville Parks and Recreation, Yoga Core at the Oregon City Pool, or H2O Fitness at North Clackamas Parks and Recreation, Community Education has something for everyone.

Embrace the season by joining us for a cardio, strength or flexibility fitness class that’ll have you feeling unstoppable!

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

Community Education
**ACADEMIC REGULATIONS**

**Absences/Attendance**
- You must be officially registered to attend class.
- Be sure to notify your instructor if you can’t make it to your first day of class. If you don’t, you may lose your seat to a student on the wait list.
- If you stop going to class and you don’t officially drop the classes from your schedule, you will be held academically and financially responsible.
- If the college is open on a religious holiday, you may be excused through prior arrangement with your instructors.
- If you attend a college-sponsored field trip, intercollegiate function or other event, you may be excused through prior arrangement with your instructors.
- Financial aid programs have specific attendance requirements. Contact the Financial Aid Office for more information at finaid@clackamas.edu or www.clackamas.edu.

**Academic Standing**
If you are a student with a program code other than NA.HIGHSCHOOL and taking 4 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**
- If you don’t attend your class during the first two weeks of the class, instructors MAY drop you but ARE NOT REQUIRED to do so. This is called administrative withdrawal.
- If an instructor does an administrative withdrawal, you may be granted a full refund of charges for the class.
- An instructor may administratively withdraw you from a course if you are unable to demonstrate fulfillment of the stated class prerequisite or co-requisite requirement.
- • If you are administratively withdrawn from a course, you will be notified by Enrollment Services.

**Audit**
An audit allows you to attend class without responsibility for a grade. Audit carries no credit, doesn’t contribute toward full-time status and does not meet full-time status required for veterans, Social Security, financial aid or athletic eligibility. All other college policies apply including registration, tuition payment, refunds, and attendance. If you decide to change your status from audit to credit or credit to audit, notify your instructor prior to the end of the sixth week of the term.

If you are a financial aid student, please notify the Financial Aid Office if you change from a credit to an audit or receive an audit grade. You may be required to pay back funds. Audit classes do not qualify for financial aid.

**Variable Credit**
Some courses are eligible for variable credit. These courses are noted in the Schedule of Classes with a “V” in the credit column. This option allows you to pursue an individualized learning program. You must register for the number of credits you expect to earn in that term as determined with your instructor. Changes to variable credit must be processed through registration by the end of the 10th week of the term.

**Wait List**
Some CCC classes utilize a wait list option. If the class you want to register for is full and it has a wait list:
- Add your name to the wait list via myClackamas or in person.
- When a spot opens up, you will receive an email in your @student.clackamas.edu email. You will have 48 hours to respond to the email.
- To add the class, go to “Manage my wait list” within myClackamas to register.
- You are responsible academically and financially if you no longer want to be in the class and don’t drop it.

The following conditions may affect your eligibility for wait list placement:
- Wait list capacity has been met.
- There is a “hold” on your student record that restricts registration.
- There are course restrictions in place such as “instructor consent.”
- You are already enrolled in another section of the same course.
- You have reached the maximum number of credits allowed (18) without additional authorization.
- Class has already begun.
Student Right to Know and Other Notification Requirements

Clackamas Community College information regarding academic programs, student completion/graduation rates, financial assistance, athletics, institutional financial support, privacy rights (FERPA), campus security, crime statistics and other Student Right to Know items may be obtained by viewing our annual college catalog or by going to www.clackamas.edu.

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 Registration & Records, 503-594-6074 or go to our website: www.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
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).

**HOURS CCC Oregon City Campus**

**ALL CAMPUSES CLOSED**

**BARLOW HALL**
**ITS – Information Technology Services**
June 19-Sept. 7  M-Th  7:30 a.m.-5 p.m.

**DYE LEARNING CENTER**
**Academic Computing Lab**
Limited on-campus computers available for student use, see website for specific days and times.
[www.clackamas.edu/tutoring/](http://www.clackamas.edu/tutoring/)

**Library**
Open in person and online. For research help, visiting hours, and access to articles, books, streaming video, and more, go to [library.clackamas.edu](http://library.clackamas.edu)

**Writing Center, Math Lab and Other Tutoring Services**
Limited on-campus and online tutoring available, see website for specific days and times.
[www.clackamas.edu/tutoring/](http://www.clackamas.edu/tutoring/)

**Cougar Connect Tech Help Desk / Moodle Help**
On-campus technology help is available during regular business hours; visit the Cougar Connect Tech Help Desk for specific days and times.
For virtual technology help, visit [https://www.clackamas.edu/cougarconnect](https://www.clackamas.edu/cougarconnect) or call 503-594-3176 during regular business hours. For after hours, weekend, or bilingual support, visit online.clackamas.edu (see Academic Support and Essentials > Moodle Help > Extended Support).

**McLOUGHLIN HALL**
**Bookstore**
Open Monday-Friday, please check the website at [https://clackamascbookstore.com](https://clackamascbookstore.com) for the current days and times.

**Textbook Buyback & Rental Check-In**
Rental Return Due Date - Sept. 6, 2024

**PAULING CENTER**
**Workforce Development Services**
June 19-Sept. 7  M-Th  8 a.m.-5 p.m.

**RANDALL HALL**
**Fitness Center**
(Hours vary, please check door for posted hours)

**STREETER HALL**
**Open Computing Lab**
Limited on-campus computers available for student use, see website for specific days and times.
[www.clackamas.edu/tutoring/](http://www.clackamas.edu/tutoring/)

**WACHENO WELCOME CENTER**
**Academic Advising & Career Services**
Office Hours  M/T/Th 9 a.m.-4 p.m.
W 10 a.m.-4 p.m.
Remote working hours  M-Th 8 a.m.-5 p.m.

**Counseling Services**
Telehealth and in-person appointments available, contact counseling@clackamas.edu or call 503-594-3176.
Office Hours  T,W,Th 9 a.m.-4 p.m.
Remote working hours  T,W,Th 8 a.m.-5 p.m.

**Disability Resource Center**
Office Hours  M-Th 9 a.m.-4 p.m.
Remote working hours  M-Th 8 a.m.-5 p.m.

**Enrollment Services & Graduation Services**
Office Hours  M-Th 9 a.m.-4 p.m.
Remote working hours  M-Th 8 a.m.-5 p.m.

**Financial Aid Resource Lab**
Available  M-Th 10 a.m.-1 p.m. or by appt.
Drop-In Zoom hours:  MW 11 a.m.-2 p.m.

**Financial Aid & Scholarships**
Office Hours  M-Th 9 a.m.-4 p.m.
Remote working hours  M-Th 8 a.m.-5 p.m.

**Student Life & Leadership**
Office Hours  M-Th 9 a.m.-4 p.m.
Remote working hours  M-Th 8 a.m.-5 p.m.

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

**Veterans Education and Training Center**
Office Hours  M-Th 9 a.m.-4 p.m.
Remote working hours  M-Th 8 a.m.-5 p.m.

**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 less than $40. Identify CCC’s low-cost courses by looking for the LCT icon.

*Included in the cost calculations are: required textbooks and other text-based materials, workbooks, lab manuals, online homework software (e.g. mymathlab), and codes or publisher-provided curricular materials for students. Printing costs are not included, unless a printed version is required for the course. Excluded from the cost calculations are: art supplies, calculators, software, course and student fees or equipment, and optional costs.

**DISCLAIMER:** Clackamas Community College makes every effort that the low-cost sections identified in this printed schedule are accurate at the time of publication. However, review the online schedule or contact the course instructor for the most up-to-date information on textbook and material costs.

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**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

**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 FINAL WEEK**

- **One day closure during final 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 final week:** Finals will be rescheduled for Friday during the same time period as originally scheduled.
- **Evening closure during final 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.
**PROGRAM** | **ADVISOR** | **PHONE** | **EMAIL** | **ROOM** 
--- | --- | --- | --- | --- 
Accounting | Joan San-Claire | 503-594-3013 | joan.san-claire@clackamas.edu | 
Administrative Assistant/Professional | | | | 
Adult High School Diploma | Lisa Nielson | | lisan@clackamas.edu | 
Anthropology | Keely Baca | 503-594-3049 | keely.baca@clackamas.edu | M223 
Arts | Chris Konieczka | 503-594-2032 | chris.konieczka@clackamas.edu | AC106 
Automotive | Dustin Bates | 503-594-3973 | dustnb@clackamas.edu | B259 
Business Administration | Sharon Parker | 503-594-3075 | sharonp@clackamas.edu | M223 
Career Technical Education Licensure Prep. | Megan Helzerman | 503-594-0976 | meghan@clackamas.edu | M220 
Clinical Lab Assistant/Phlebotomy | Marilyn Braught | 503-594-0634 | marilyn.braught@clackamas.edu | M137 
Communications/Speech | Jackie Flowers | 503-594-3166 | jflowers@clackamas.edu | M223 
Computer Science: Transfer | Rich Albers | 503-594-3973 | richa@clackamas.edu | M223 
Computer Science: Application Support & Web Design | Debra Carino | 503-594-3170 | dcarino@clackamas.edu | M223 
Computer Science: Network Administration | Rick Carino | 503-594-3167 | rcarino@clackamas.edu | M223 
Computer Science: Transfer | Jen Miller | 503-594-3138 | jen.miller@clackamas.edu | M223 
Criminal Justice/Corrections | Joanna Crawford | 503-594-2013 | joanna.crawford@clackamas.edu | M223 
Customized Training & Development Services | Staff | 503-594-3200 | training@clackamas.edu | P104 
Dental Assistant | Kari Hiatt | 503-594-0674 | kari.hiatt@clackamas.edu | 
Digital Media Communications | Nora Brodnicki | 503-594-2036 | norab@clackamas.edu | M223 
Early Childhood Education | Dawn Hendricks | 503-594-6158 | dawn.hendricks@clackamas.edu | M223 
Economics | | | | 
Education | Laurette Scott | 503-594-3400 | laurette@clackamas.edu | M213 
Educació Infantil y Estudios Familiares | Ada Echevarria | 503-594-1828 | ada.echevarria@clackamas.edu | M213 
Electronics and Microelectronics | Mike Mattson | 503-594-6025 | mattsom@clackamas.edu | M213 
Emergency Medical Technology | Tana Sawzik | 503-594-6165 | tana@clackamas.edu | M213 
Engineering | Matt LaForce | 503-594-3148 | mlaforce@clackamas.edu | M213 
Engineering | Matt LaForce | 503-594-3148 | mlaforce@clackamas.edu | M213 
English | Amanda Coffey | 503-594-3257 | amandac@clackamas.edu | RR242 
English for Speakers of Other Languages | Laura Joyce | 503-594-3718 | lauraj@clackamas.edu | M213 
Environmental Safety and Health | Mike Mattson | 503-594-3322 | mattsom@clackamas.edu | M213 
Fire Science | Jordan Guilegh | 503-594-3683 | wildlandfire@clackamas.edu | M213 
GED/ABE | Lisa Nielson | 503-594-3401 | lisan@clackamas.edu | M213 
Geography | Derek Lougee | 503-594-3408 | derek.lougee@clackamas.edu | M213 
Gerontology | Yvonne Smith | 503-594-3207 | yvonnes@clackamas.edu | M213 
GIS | Angela Armen | 503-594-3207 | yvonnes@clackamas.edu | M213 
History | Jackie Flowers | 503-594-6154 | jflowers@clackamas.edu | M213 
Horticulture | Chris Konieczka | 503-594-6213 | chris.konieczka@clackamas.edu | M213 
Human Resource Management | Michael Moiso | 503-594-3770 | mmoiso@clackamas.edu | M213 
Human Services | Yvonne Smith | 503-594-3207 | yvonnes@clackamas.edu | M213 
Humanities | Derek Lougee | 503-594-3408 | derek.lougee@clackamas.edu | M213 
Industrial Technology | Mike Mattson | 503-594-3257 | mattsom@clackamas.edu | RR237 
Journalism | Melissa Jones | 503-594-3257 | mjp@clackamas.edu | M213 
Landscape | Chris Konieczka | 503-594-6213 | mattsom@clackamas.edu | M213 
Management | Sharon Parker | 503-594-3075 | sharonp@clackamas.edu | M213 
Marketing | | | | 
Math | Kelly Mercer | 503-594-6154 | kelly.mercer@clackamas.edu | M213 
Medical Assistant | Sarah Parker | 503-594-6497 | sarah.parker@clackamas.edu | M213 
Music | Lars Campbell | 503-594-3384 | lars.campbell@clackamas.edu | M213 
Music Technology | | | | 
Music Technology | | | | 
Nursing | Carol Dodson | 503-594-6054 | carol@clackamas.edu | H280 
Organic Farming | Chris Konieczka | 503-594-6213 | chris.konieczka@clackamas.edu | M213 
Philosophy | Derek Lougee | 503-594-3408 | derek.lougee@clackamas.edu | M213 
Physical Education/Health | Jim Martineau | 503-594-3327 | jmartineau@clackamas.edu | M213 
Political Science | Derek Lougee | 503-594-3408 | derek.lougee@clackamas.edu | M213 
Pre-Professional (medical, dental, pharmacy) | | | | 
Project Management | Frank Corona | 503-594-6498 | francisco.corona@clackamas.edu | M213 
Psychology | Jessica Kissler | 503-594-6625 | jessica.kissler@clackamas.edu | M213 
Religion | Derek Lougee | 503-594-3408 | derek.lougee@clackamas.edu | M213 
Reading/Study Skills | Lisa Nielson | 503-594-3408 | lisan@clackamas.edu | M213 
Renewable Energy | Margaret Payne | 503-594-3327 | mpayne@clackamas.edu | M213 
Retail Management | Beverly Forney | 503-594-3327 | beverlyf@clackamas.edu | M213 
Science | Kelly Mercer | 503-594-6514 | kelly.mercer@clackamas.edu | M213 
Search and Rescue | Matt Adams | 503-594-3677 | mattsom@clackamas.edu | M213 
Skills Development | Lisa Nielson | 503-594-3408 | lisan@clackamas.edu | M213 
Small Business Development Center | | | | 
Social Science | Derek Lougee | 503-594-3408 | derek.lougee@clackamas.edu | M213 
Sociology | Erich Pfeifer | 503-594-3802 | erichp@clackamas.edu | M223 
Theatre Arts | Chris Whiten | 503-594-3153 | chris.whiten@clackamas.edu | M223 
Undecided Major of Study | Student Support Services | 503-594-3408 | aacommunications@clackamas.edu | M223 
Unrenewed Associate of Applied Science | Matt LaForce | 503-594-3148 | mlaforce@clackamas.edu | M213 
Water & Environmental Technology | Matt LaForce | 503-594-3148 | mlaforce@clackamas.edu | M213 
Water & Environmental Technology | Jim Numri | 503-594-3813 | jnumri@clackamas.edu | D211 
Welding | Dustin Bates | 503-594-3973 | dustnb@clackamas.edu | B259 
Women's Studies | Derek Lougee | 503-594-3973 | derek.lougee@clackamas.edu | B259 
World Languages | Ernesto Hernandez | 503-594-3710 | ernesto.hernandez@clackamas.edu | M213 

For information about Clackamas Community College, call 503-594-6000.
### WHERE TO CALL

#### BLDG.* DEPARTMENT/OFFICE PHONE

**ABE/GED**
- D Oregon City 503-594-3027
- H Harmony 503-594-3027
- D Adult High School Diploma – Oregon City 503-594-3027

**Academic Advising**
- WC Oregon City 503-594-3475
- H Harmony 503-594-0623
- W Wilsonville 503-594-0959

**Bookstore**
- M Bookstore – Oregon City 503-594-6500

**Testing/Assessment Center**
- WC Oregon City 503-594-3283
- H Harmony 503-594-0636
- W Wilsonville 503-594-0940

- B Account Receivable 503-594-6068
- WC Admissions & Recruitment/Welcome Center 503-594-3284
- WC Advanced College Credit 503-594-3161
- T Apprenticeship 503-594-3031
- C Arboriculture 503-594-3292
- AC Art 503-594-3034
- WC Associated Student Government 503-594-3040
- R Athletics 503-594-3047
- B Automotive 503-594-3047
- S Business 503-594-3071
- HW Business Development Center 503-594-0738
- B Business Office 503-594-3085
- WC Cafeteria 503-594-6091
- WC Campus Tours 503-594-6249
- WC Career Center 503-594-6001
- I Career Technical Education 503-594-3441
- F Child Care Center 503-657-9795
- Child Care Info & Referral 503-253-5000
- P The Clackamas Print Newspaper 503-594-3261
- M College Safety Office 503-594-6650
- N Communication Studies 503-594-6489
- H Community Education 503-594-0627
- Community Garden 503-594-3040
- D Computer Lab (Academic) 503-594-6632
- S Computer Lab (Open) 503-594-6632
- S Computer Science 503-594-3071
- WC Cooperative Work Experience 503-594-3511
- D Cougar Connect Desk 503-594-6632
- WC Counseling 503-594-3176
- HW Criminal Justice/Corrections 503-594-3203
- P Customized Training & Development 503-594-3200
- AC Digital Media Communications 503-594-3034
- WC Disability Resource Center 503-594-6357
- F Education and Early Childhood Education 503-594-3203
- I Electronics & Microelectronics 503-594-3318
- T Emergency Management 503-594-3539
- DJ Engineering 503-594-3345

* Find building code key on the campus map on the back cover of this schedule.

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

#### BLDG.* DEPARTMENT/OFFICE PHONE

- RR English 503-594-3254
- D English for Speakers of Other Languages 503-594-3234
- WC Enrollment Services 503-594-6074
- ELC Environmental Learning Center 503-594-3015
- B Environmental Safety & Health 503-594-3322
- G Facility Scheduling-Oregon City 503-594-3308
- H Facility Scheduling-Harmony 503-594-0620
- W Facility Scheduling-Wilsonville 503-594-0970
- WC Financial Aid and Scholarship Office 503-594-6082
- T Fire Science (Wildland Fire) 503-594-3539
- HW Gerontology 503-594-3203
- T GIS 503-594-6459
- WC Graduation Services 503-594-6651
- R Gym 503-594-3043
- H Harmony Campus Registration/Information 503-594-0620
- H Health Sciences 503-594-0650
- WC High School Connections 503-594-3161
- C Horticulture 503-594-3292
- B Human Resources/Employment Opportunity 503-594-3458
- F Human Services 503-594-3203
- I Industrial Technology 503-594-3318
- B Instructional Media Services 503-594-3500
- C Landscape 503-594-3292
- D Learning Center 503-594-6191
- D Library - Circulation 503-594-6323
- D Library - Reference 503-594-6042
- WC Life & Career Options 503-594-3176
- S Math 503-594-3395
- D Moodle Help 503-594-6632
- N Music 503-594-3337
- H Nursing 503-594-0650
- WC Office of Education Partnerships 503-594-3161
- C Organic Farming 503-594-3292
- S Online Learning & Educational Technology 503-594-6618
- P Pauling Center Gallery 503-594-3034
- R Physical Education 503-594-3271
- RR President's Office 503-594-3002
- WC Registration and Records 503-594-6074
- I Renewable Energy Technology 503-594-3318
- DJ Science 503-594-3345
- D Skills Development 503-594-3233
- M Social Science 503-594-3403
- WC Student Life & Leadership 503-594-3040
- WC Student Support Services 503-594-3475
- N Theater/Performing Arts 503-594-3153
- D Tutoring Services 503-594-6191
- WC Veterans Educational Benefits 503-594-3438
- WC Veterans Education & Training Center 503-594-3438
- RR Vice President, College Services 503-594-3010
- RR Vice President, Instructional & Student Services 503-594-3020
- DJ Water & Environmental Technology 503-594-3345
- T Welding 503-594-3046
- W Wilsonville Registration/Information 503-594-0940
- P Workforce Development Services 503-594-6246
- M World Languages 503-594-3403
- D Writing Center 503-594-6275

### COLLEGE SAFETY

In an emergency or life-threatening situation, dial **911** from any phone. College Safety Office dispatch call **503-594-6650**.
We’ve got you covered.

The Student Life & Leadership Office in Room 160 of the Wacheno Welcome Center offers lots of services to help you.

**Free Food Pantry:** A free pantry that offers food and toiletries for students. Donations accepted! For more information, visit our website: [https://www.clackamas.edu/campus-life/campuses-buildings-hours/free-food-pantry](https://www.clackamas.edu/campus-life/campuses-buildings-hours/free-food-pantry).

**Grants:** There are grants available for child care, textbooks, fees, transportation and veterans gas cards and course materials. Grants are awarded each term to students who have demonstrated need. Fill out an application online at [www.clackamas.edu/asg/grants](http://www.clackamas.edu/asg/grants).

**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 WC 160.

**Fax & Phone:** Fax service is available to students in the Student Life Office. There is also a phone you can use, free of charge, in the Wacheno Welcome Center.

**Register to Vote:** It’s simple and fast. Voter registration links for Oregon and Washington available on the Student Government webpage: [www.clackamas.edu/ASG](http://www.clackamas.edu/ASG).
Clackamas Community College connects students with a variety of transportation resources including fare assistance, ClackCo free shuttle service, carpooling matching, and multiple bus options.

The latest information and additional details can be found at [www.clackamas.edu/transportation](http://www.clackamas.edu/transportation).

**CLACKAMAS COUNTY CONNECTS FREE SHUTTLES**
Free shuttles in Oregon City, Clackamas Town Center/Harmony, Clackamas Industrial Area, and Estacada. Shuttle routes can be found at [https://www.clackamas.us/h3s/connects-shuttle](https://www.clackamas.us/h3s/connects-shuttle).

**CARPOOL MATCHING SERVICE**
Find a carpool partner at [GetThereOregon.org](http://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.

**#ClackCo CONNECTS**

### CCC Xpress

<table>
<thead>
<tr>
<th>Southbound</th>
<th>Time</th>
</tr>
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<tbody>
<tr>
<td>B CCC Harmony Campus</td>
<td>6:05 7:25 8:45 10:05 12:05 1:25 2:45 4:05 6:05 7:25</td>
</tr>
<tr>
<td>D Clairmont Dr. CCC Campus</td>
<td>6:40 8:00 9:20 10:40 12:40 2:00 3:20 4:40 6:40 8:00</td>
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<thead>
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<th>Time</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>B CCC Harmony Campus</td>
<td>7:00 8:20 9:40 11:00 1:00 2:20 3:40 5:00 7:00 8:20</td>
</tr>
<tr>
<td>A Clackamas Town Center</td>
<td>7:10 8:30 9:50 11:10 1:10 2:30 3:50 5:10 7:10 8:30</td>
</tr>
</tbody>
</table>

The CCC Xpress Shuttle is a free “deviated fix-route” service. Can’t make it to the main bus stop or route? **Call 24 hours in advance** to make arrangements and check availability to be picked up or dropped off within 3/4 mile from the route or in the deviation zone. You may also signal/flag the bus to get on or off the bus in-between stops.

The CCC Xpress Shuttle operates 7 days a week. The Clackamas Industrial Area Shuttle does not operate on New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, or Christmas Day.

Schedule Times in **Bold** = PM
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.