LOWER COLUMBIA COLLEGE

The Smart Choice!

FALL 2019 CLASS SCHEDULE

FALL CLASSES BEGIN SEPTEMBER 23

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LCC Office Hours
Regular Hours:
Monday–Friday, 8 a.m.–5 p.m.

Registration and Entry Center—
Monday–Friday................................. 8 a.m.–5 p.m.

Cashiering—
Monday–Friday......................... 8:15 a.m.–4:30 p.m.
(Closed 1-1:30 p.m. for lunch)

Financial Aid hours are the same as Registration,
except Wednesdays, when staff are only available from
11 a.m. until 2 p.m.

Student staff can provide limited assistance the rest of
the day. Limited help hours give professional staff uninterrupted
time to process aid requests and do necessary federal and
state reporting.

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1600 Maple Street, Longview, WA 98632-0310.

Equal Opportunity, Affirmative Action,
and Reasonable Accommodation
Lower Columbia College offers over 70 associate degree and certificate
options in a variety of fields, providing a rich complement of technical/professional,
basic skills, and continuing education programs. Degree or certificate seeking
students must apply for program admission and register in the degree or
certificate program. The College will take steps to ensure that lack of English
language skills will not be a barrier to admission or participation in vocational
education programs.

The College provides equal opportunity in education and employment and
does not discriminate on the basis of race, color, national origin, age, perceived
or actual physical or mental disability, pregnancy, genetic information, sex,
sexual orientation, gender identity, marital status, creed, religion, honorably
discharged veteran or military status, or use of a trained guide dog or service
animal as required by Title VI of the Civil Rights Act of 1964, Title VII of the Civil
Rights Act of 1964, Title IX of the Educational Amendments of 1972, Sections
504 and 508 of the Rehabilitation Act of 1973, the Americans with Disabilities
Act and ADA Amendment Act, the Age Discrimination Act of 1975, the Violence
Against Women Reauthorization Act and Washington State’s Law Against
Discrimination, Chapter 49.60 RCW and their implementing regulations.
The following person has been designated to handle inquiries regarding non-
discrimination, equal opportunity, affirmative action or the ADA policies or for
Title IX/504 compliance issues: Director of Human Resources & Legal Affairs,
1600 Maple Street, Longview, WA 98632, Phone number, 360.442.2120,
Phone number/TTY 800.833.6388.
The College publications are available in alternate formats upon request by
contacting the Disability Support Services at 360.442.2340.

About This Schedule:
Every effort is made to ensure that the information in this course schedule is
accurate at the time of publication. The College reserves the right to change its
class offerings as necessary. For the latest information, please check the online
class schedule at lowercolumbia.edu/classes.
LCC mails class schedules to all households in Cowlitz County four times each
year to inform residents about college programs and services. Because they are
directed to “Residential Customer,” we are unable to remove individuals from
our distribution route. Schedules can be recycled with your newspapers.
GraduationPlus

In today’s economy, you need a high school diploma plus a college credential to earn a living wage!

GraduationPlus is a collaboration between LCC and local school districts to help more students achieve the dream of going to college and entering rewarding and productive careers.

The purpose of the initiative is to encourage more career and technical education students to get the education they need to be competitive in today’s job market.

- By 2023, four out of five job openings are expected to require at least some education beyond high school.
- Earning a two-year degree can boost lifetime earnings by $324,000 (on average) over a high school diploma alone.

Learn more at lowercolumbia.edu/graduation-plus

NEW!

Bachelor of Applied Science in Teacher Education

LCC will offer a Bachelor of Applied Science in Teacher Education (BAS-TE) beginning fall 2019.

- Offering both certification and non-certification options.
- Certification option offers a dual endorsement in Early Childhood (P-3) and Elementary (K-8) Education.
- Non-certification option provides specialized coursework for working with children and families in early learning settings.
- Combines knowledge earned from previous degrees such as an Associate of Applied Science with upper division (300 and 400 level) Teacher Education courses.
- Will help meet community demand for elementary and pre-kindergarten and early childhood education teachers in the region.
- First degree for LCC at the applied bachelor’s degree level.

There are many benefits of the new program for prospective students.

- Studying close to home saves on expenses related to travel, room and board.
- Staying with LCC through the entire degree and credentialing process reduces stress related to applying to other institutions and transferring credits.
- Going to school in the community where you live and work increases exposure to prospective employers and job opportunities.

Learn more at lowercolumbia.edu/bas-te
HOW TO REGISTER

Go to lowercolumbia.edu/enrollment to access the following steps

### New Students

Registration begins June 3 for new students. Apply for admission, there is no fee to apply: lowercolumbia.edu/apply. If needed, staff assistance and computers are available in the Admissions Center.

1. **Apply for admission**
   - Online or in person at the Registration Office.

2. **Apply for financial aid, if needed.**
   - Go to lowercolumbia.edu/finaid for instructions and forms. More information on page 7.

3. **Determine your program**
   - Visit the Career Center to take an interest assessment, explore careers, and access career resources. The results will help you choose a program leading to a career that is right for you. At the Center, or from your own computer, print out a copy of the program planner(s) for the program(s) of study that interest you. Go to lowercolumbia.edu/programs.

4. **Practice and take a placement test**
   - Students who plan to earn a degree or certificate from Lower Columbia College, or who plan to transfer to a four-year institution, can use multiple measures for the purpose of determining English and Math placement. Placement options include, but are not limited to, Directed Self-Placement, Smarter Balanced scores, High School transcripts, and previous college course work. Placement assessments are offered in the Admissions Center testing lab, open 10 a.m.–5 p.m. Mon–Thurs. More information is available at lowercolumbia.edu/placement.

5. **Attend New Student Orientation & Register**
   - Sign up at the Admission Center Testing Lab to attend a New Student Orientation. Prepare by previewing the online class schedule, and bring your placement testing scores and program planner(s) for any areas of study that interest you. We also recommend that you map out a schedule of when you are available for classes and studying.

6. **Pay your tuition and fees**
   - Tuition is due the Tuesday before classes begin. You may pay online with a credit or debit card or in person at the Cashier in the Admissions Center. If you need more time to pay, see Delayed Tuition Payment options on page 7.

### Current Students

Registration begins May 28 for students who have attended LCC within the last quarter.

1. **Find out your earliest registration date/time**
   - online at lowercolumbia.edu. Student ID Number and Global PIN required.

2. **Meet with your program advisor**
   - to plan your class schedule and get your Quarterly Registration PIN. If you have not received an email listing your program advisor, contact the Entry Center.

3. **Register online or in person at Registration.** Students taking more than 18 credits must register in person.

4. **Pay your tuition and fees**
   - by the deadline listed on the Academic Calendar online. You may pay online with a credit or debit card or in person at the Cashier. See Delayed Tuition Payment options on page 7.

Which PIN Do You Need?

- **Global PIN—**Received from Registration. Use to log in for most online services.
- **Quarterly Registration PIN—**Received from your advisor before priority registration; also online during open registration. You need a new one each quarter to register for classes.

### Fall Dates and Deadlines

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Priority Registration for Fall</td>
<td>May 24</td>
</tr>
<tr>
<td>Priority Registration for Fall begins</td>
<td>May 28</td>
</tr>
<tr>
<td>Open Registration for Fall begins</td>
<td>June 3</td>
</tr>
<tr>
<td>Admission deadline for degree/certificate students</td>
<td>August 12</td>
</tr>
<tr>
<td>Priority application deadline for Fall financial aid</td>
<td>August 12</td>
</tr>
<tr>
<td>Fall tuition payment due</td>
<td>September 17</td>
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<tr>
<td>Last day to be added to a Waitlist</td>
<td>September 20</td>
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<tr>
<td>First day of classes</td>
<td>September 23</td>
</tr>
<tr>
<td>Last day of online registration</td>
<td>September 25</td>
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<tr>
<td>Last day for 100% tuition refund</td>
<td>September 27</td>
</tr>
<tr>
<td>Last day to withdraw and avoid a “W”</td>
<td>October 4</td>
</tr>
<tr>
<td>Last day for 50% tuition refund</td>
<td>October 11</td>
</tr>
<tr>
<td>Last day to apply for Fall graduation</td>
<td>October 22</td>
</tr>
<tr>
<td>Veterans Day holiday</td>
<td>November 11</td>
</tr>
<tr>
<td>Last day to withdraw from classes</td>
<td>November 15</td>
</tr>
<tr>
<td>Thanksgiving Holidays</td>
<td>November 28-29</td>
</tr>
<tr>
<td>Last day of Fall classes</td>
<td>December 6</td>
</tr>
<tr>
<td>Fall finals</td>
<td>December 10-12</td>
</tr>
</tbody>
</table>

Cashier, the Entry Center, Financial Aid, Advising, Registration, and Testing are located in the Admissions Center. Questions? Contact the Entry Center, entry@lowercolumbia.edu, phone 360.442.2311 or toll-free 1.866.900.2311.

Class Full? Get on the Waitlist!

Students may be added to the waitlist through the end of the day, Friday, September 13. When openings occur through the third day of the quarter (September 25), you’ll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

Being on the waitlist does not guarantee that you’ll get in, or that a new section will be made available. Tuition and fee charges will not include waitlisted classes until you are registered in them. Please stop by the Registration office to remove yourself from a waitlist if you are no longer interested in being enrolled in a class. Check your waitlist status at lowercolumbia.edu/online-services.

Continuing Education class listings and registration information begin on page 38.
ONLINE REGISTRATION & PAYMENT

Go to lowercolumbia.edu/online-services to access the following steps

1. Check Your Registration Date and Time
Using the Online Services page, choose “get my registration time.” Log in with your Student ID Number and Global PIN. Schedule an appointment and meet with your Program Advisor 1-2 weeks before you register to select your classes and receive your Quarterly Registration PIN.

2. To Register Online
Besides your class list, you’ll need your Student ID Number and Quarterly Registration PIN. For classes that require instructor permission, you’ll need an Entry Code from the instructor of the class.

Select Register for my classes. Follow the instructions and complete your schedule. Don’t forget to print your schedule before you leave. If you attempt to register for two classes that meet at the same time or overlap, you will receive a warning message regarding the time conflict.

3. Pay Your Tuition or Set Up a Payment Plan Online!
Paying online is easy and secure. You can use your credit or debit card to pay in full, or set up an automatic payment plan. If you register online, you can pay at the end of your registration session or return later. See Delayed Tuition Payment Options, page 7.

If you register in person, you can still pay online. You’ll need your Global PIN, received when you register for the first time.

Tuition is due the Tuesday before classes begin.

4. Add or Drop Classes
You may add or drop classes online through the third day of class. Select Register Online. Follow the instructions for adding or dropping a class. Don’t forget to print a copy of your revised schedule. You can also handle any adjustments to your tuition or fees online.

When can’t I use Online Registration?

1. Continuing Education courses
2. GED/ABE/ESL courses
3. High School Completion
4. Independent Studies
5. Employee waivers, Running Start, or National Guard waivers
6. If you last attended LCC more than one year ago
7. If you are taking more than 18 credits

Online Registration is available
May 28-September 25

Entry Codes
An Entry Code is a five digit random number issued to students by the instructor of the class as authorization to register for classes requiring “Instructor Permission.” Once you have used an entry code, the registration computer will not accept it again.

Use Online Services
Here are some of the things you can do online:

- Pay your tuition and fees
- Set up a payment plan
- Check tax credit information
- Change your Global PIN
- Print your class schedule
- Print out an unofficial transcript
- Check waitlist status

ONLINE REGISTRATION WORKSHEET

<table>
<thead>
<tr>
<th>Dept.</th>
<th>Course #</th>
<th>Item #</th>
<th>Section</th>
<th>Credits</th>
<th>M</th>
<th>T</th>
<th>W</th>
<th>Th</th>
<th>F</th>
<th>Time</th>
<th>Bldg/Rm</th>
<th>Entry Code</th>
</tr>
</thead>
</table>

Alternate Classes

When can’t I use Online Registration?

1. Continuing Education courses
2. GED/ABE/ESL courses
3. High School Completion
4. Independent Studies
5. Employee waivers, Running Start, or National Guard waivers
6. If you last attended LCC more than one year ago
7. If you are taking more than 18 credits

Online Registration is available
May 28-September 25

Entry Codes
An Entry Code is a five digit random number issued to students by the instructor of the class as authorization to register for classes requiring “Instructor Permission.” Once you have used an entry code, the registration computer will not accept it again.

Use Online Services
Here are some of the things you can do online:

- Pay your tuition and fees
- Set up a payment plan
- Check tax credit information
- Change your Global PIN
- Print your class schedule
- Print out an unofficial transcript
- Check waitlist status

Textbook info online at lowercolumbia.edu/bookstore
TUITION & FEES

Resident Students (Column A)
Washington resident students must verify that they have lived in Washington for one year and have established residency in the State of Washington, including US Citizenship, permanent resident status, hold an A, E, G, H, I, J, K or L visa or have “refugee/asylum” status. If your residency cannot be determined at the time of admission, your tuition and fees will be calculated at the non-resident tuition and fee rate. Ask about residency at the Registration Office, 360.442.2370. Complete residency rules are detailed in RCW 28B.15.012. Even if you are not a permanent resident or US Citizen, you may still qualify to pay in state tuition if you have:

- Resided in Washington state for the three (3) years immediately prior to receiving a high school diploma, and completed the full senior year at a Washington high school, OR completed the equivalent of a high school diploma (GED) and resided in Washington state for the three (3) years immediately before receiving the equivalent of the diploma; and
- Continuously resided in the State since earning the high school diploma or its equivalent.

If you are eligible, complete the HB 1079 affidavit (Washington Higher Education Affidavit/Declaration/Certification form), available in the Registration office in the Admission Center. The original should be submitted to the Lower Columbia College Registration office. Contact the Registrar at 360.442.2372 for additional information.

Oregon Border County Residents (Column B)
Residents of Oregon Border Counties (Columbia, Clatsop, Multnomah, Washington) for 90 days or more may pay this rate.

Non-Resident (Operating Fees Only Waiver) (Column C)
Individuals who have lived in the State of Washington for 90 days or more and who are US Citizens or Permanent Residents, as defined by the INS, may pay this rate.

Non-Resident (Column D)
Those who are not eligible to pay the “Resident Students,” “Oregon Border County Residents,” or “Non-Resident: Operating Fees Only Waiver” rates, above, pay this rate.

Veterans (Column E)
Special rates are available for some Veterans. Visit the Veterans’ Office in the Student Center or see lowercolumbia.edu/veterans for details.

Special Rates for Senior Citizens
If space is available after the first class meeting, Washington residents 60 or older may audit up to two classes for $2.50 per class plus $1.60 per credit facilities use fee. $3.00 per credit technology fee and applicable lab fees.

Tuition and fees may change for 2019-20. When known, they will be posted at lowercolumbia.edu/tuition

<table>
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<th># Cr.</th>
<th>A</th>
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</table>

Tuition and fees may change for 2019-20. When known, they will be posted at lowercolumbia.edu/tuition

Miscellaneous Fees for 2018-19

- **Apprenticeship:** $54 per credit; $3.60 per clock hour.
- **Computer Lab:** A fee of $27.10 per class is charged for certain classes identified in the course listing.
- **Facilities:** The chart includes a fee of $1.60 per credit (up to 18 credits) for facilities maintenance and College security.
- **Fitness Center Upgrade:** The chart includes a fee of $2.50/credit (up to 10 credits) for fitness center upgrade.
- **Fitness Center Use:** $20 per student/per quarter.
- **GED Testing:** $120 for first time on all four. Re-testing: $30 per test.
- **High School Completion:** Students taking courses to earn a high school diploma are charged a per credit fee based upon residency status ($53.80 per credit for residents and $107.59 for non-residents). They also pay the Technology, Facilities, Tutoring Center, Matriculation, Fitness Center Use and Fitness Center Upgrade fees.
- **Lab:** Nonrefundable lab fees are collected for certain classes. Where applicable, this fee is shown with class listings in this schedule. Distance Education online courses require a Distance Ed fee of $6/credit (up to 10 credits) for each class. Distance Education Hybrid and Enhanced classes require a Distance Ed fee of $3/credit (up to 10 credits).
- **Matriculation:** $1.50/credit (up to 10 credits).
- **Resident Excess Credit:** Residents pay $96.53 per credit above 18 credits.
- **Technology:** The chart includes a Technology fee of $3/credit (up to 12 credits). A photo ID card, which serves as your activities card, library card and computer lab card, is issued as part of this fee. The ID card is NOT issued quarterly; it is valid as long as you are at LCC.
- **Transcript:** $10 fee for each official transcript.
- **Tutoring Center:** The chart includes a fee of $.50/credit (up to 10 credits), to support the Tutoring Center.
- **Vocational Excess Credit:** Vocational students taking over 18 credits who meet certain requirements pay only $7 per credit (residents); non-residents over 18 credits pay $28.
Paying for College

Applying for Financial Aid

Who is eligible?
To qualify for Financial Aid you must:

- Have a high school diploma or GED
- Be a U.S. citizen or eligible non-citizen
- Be registered with the Selective Service (if required)
- Visit readysetgrad.org/wasfa to apply for state aid if you are ineligible to apply for federal aid due to immigration status.

Other eligibility issues may be identified in the FAFSA process.

What financial aid is available?
Grants, loans, work study employment and scholarships are available to help cover college costs. Special aid programs are also offered for veterans, dislocated workers and first generation students.

How to apply
Students apply for financial aid online through the LCC website. Computers are available for student use in the Admissions Center. Priority deadlines are set for each quarter to allow 3-6 weeks for an application to be processed.

To receive financial aid, a student MUST complete the FAFSA
1. Review the financial aid steps at lowercolumbia.edu/finaid.
    - To complete the application, a student will need:
      - Social Security Number.
      - Income statements, tax or estimated income tax, bank statement. Visit FAFSA to learn more.
      - LCC’s federal school code: 003782
    2. Follow the instructions at fafsa.gov and complete the application.
    3. Applicants should check their status at LCC’s Financial Aid Portal and upload any requested documents. Do this at lowercolumbia.edu/finaid. The applicant will use their Social Security Number and birth date (mm/dd/yy) to log in the first time.

How do I know if aid is approved? Get my money?
You will be notified of any financial aid awards through the Financial Aid Portal (see Step 3). Read your award notice carefully.

If you apply for Financial Aid and register for classes, we assume you are accepting your financial aid award. If you meet the priority deadline and qualify, your Financial Aid check will be mailed to you before classes begin.

If you decide not to attend, notify Financial Aid right away to cancel your award.

Review information about class changes or academic progress that might impact your award. Check with your advisor or at the Entry Center for support services to help you succeed in your classes.

Financial Aid Hours
Monday-Friday 8 a.m. - 5 p.m.*

* student aides staff the front counter every Wednesday from 8-11 a.m. and 2-5 p.m.

Scholarships
Lower Columbia College awards over $250,000 in scholarships every year. The online process lets students apply for multiple LCC scholarships with a single application. There is no cost to apply.

Scholarships are based on varied criteria, including:

- Program of Study – Nursing, Art, Automotive, Chemistry, Education and more
- Merit – Based on GPA (usually 2.0 to 3.5) or demonstrated community service or leadership
- Need – Demonstrated financial need based on federal guidelines
- General – Qualify for general awards with broad, flexible criteria

These funds can be used to pay for tuition, student fees, books and supplies. Some awards will cover other expenses such as transportation or childcare.

Go to lowercolumbia.edu/scholarships for more information.

Looking for your dream job?
The Career Center at Lower Columbia College provides career exploration and employment services to current students, alumni and community members in all stages of their academic and professional careers. This is a free service open to everyone. Visit the Career Center in the Admissions Center to identify your interests and talents, research potential careers, learn how to prepare for future employment, search for jobs, and receive help with resume writing and interview skills.

Delayed Tuition Payment Options
Need more time to pay your tuition? Here are two options:

Payment Plan: For a $30 fee you can enroll in a payment plan that charges your credit/debit card or bank account on a monthly basis. For information or to sign up, go to lowercolumbia.edu/payment-plan

Waiting for your Financial Aid funds?
Students who meet the application deadline (August 12 for Fall Quarter 2019) by submitting their application and all required forms are likely to receive a check before the quarter starts and also receive an automatic hold on their classes until finance applies their financial aid to their tuition/fees.

Students who missed the application deadline but complete their file on or before August 30, 2019 are eligible to receive an automatic administrative hold on their classes. However, their check will take 3-6 weeks to process from the date they completed their application and all required forms are submitted.
UNIVERSITY TRANSFER

Students who begin a four-year degree at Lower Columbia College save on tuition costs as well as room and board if they live at home. Records show LCC students who transfer earn an average **3.24 GPA** for junior and senior studies at Washington public universities.

The Associate in Arts Direct Transfer Agreement (AA-DTA) provides a smooth transition to upper division studies in state public universities. The Washington 45 option allows LCC students to transfer after one year without losing any credits.

**Associate Degree Transfer Options**

Students who complete the AA-DTA at LCC are generally admitted with junior standing by all public universities in the state, some in Oregon, and by most Washington private colleges.

Students graduate with virtually the same number of credits as students who started as freshmen at a university—an indicator of the smooth transition between two-year and four-year colleges.

Transfer students graduate in all subjects, including:

• **Business**
• **Healthcare**
• **STEM** (science, technology, engineering, and math)

The LCC Transfer Center hosts representatives from universities and colleges on campus each quarter to meet with students planning to transfer. The Transfer Club coordinates road trips to various colleges and universities.

For information about LCC transfer options and services for transfer students, visit [lowercolumbia.edu/transfer](http://lowercolumbia.edu/transfer)

**Washington 45**

A student who completes courses selected from the categories listed below will be able to transfer and apply up to 45 quarter credits toward general education requirement(s) at any other public, and most private higher education institutions in the state.

**First Year Transfer List**

• **Communications** (5 credits) – ENGL& 101, ENGL& 102

• **Quantitative and Symbolic Reasoning** (5 credits) – MATH& 107, MATH& 148 or MATH& 151

• **Humanities** (10 credits in two different subject areas or disciplines) – PHIL& 101, MUSC& 105, DRMA& 101, HIST& 116

• **Social Science** (10 credits in two different subject areas or disciplines) – PSYC& 100, SOC& 101, POLS& 101, POLS& 202, HIST& 117

• **Natural Sciences** (10 credits in two different subject areas or disciplines) – BIOL& 100,* BIOL& 160*, ASTR& 101*, CHEM& 110*, CHEM& 121*, CHEM& 161*, CHEM& 162*, GEOL& 101*.  

  *Natural Science lab courses.

• **Additional 5 credits** in a different discipline can be taken from any category listed above.

For transfer purposes, a student must have a minimum grade of C or better (2.0 or above) in each course completed from this list. Students who transfer Washington 45 credits must still meet the transfer institution’s admission requirements and eventually satisfy all their general education requirements and their degree requirements in major, minor and professional programs.

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### 2018-19 Annual Tuition & Fees* Comparison

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Columbia College</td>
<td>$4,342</td>
</tr>
<tr>
<td>Washington Public Universities</td>
<td>$7,300 - $11,200</td>
</tr>
</tbody>
</table>

* In-state rates
WORKFORCE PREPARATION

LCC offers a variety of professional-technical programs designed to prepare students to enter the workforce. Research shows that 75% of LCC graduates are employed within nine months of graduation, compared to just 74% for the state as a whole.

Professional-technical programs include certificates, associate degrees and even transfer degrees in some areas (such as Nursing) where bachelor’s degrees are recommended for employment in the field. Many of LCC’s programs feature lab and field opportunities that mirror the working world.

LCC offers programs in the following professional-technical areas:

- Accounting
- Administrative Services*
- Allied Health
- Automotive Technology
- Basic Office Skills
- Business Management
- Chemical Dependency Studies
- Computer Numerical Control (CNC)*
- Criminal Justice
- Diesel/Heavy Equipment Technology*
- Early Childhood Education*
- Elementary Education
- Health & Fitness
- Information Technology
- Machine Trades*
- Manufacturing*
- Math Education
- Medical Assisting*
- Medical Billing & Coding*
- Medical Office Administration
- Medical Reception*
- Networking
- Nursing
- Para-educator*
- Retail Management*
- Secondary Education
- Web Development
- Welding*

Learn more about LCC’s Professional-Technical program options at lowercolumbia.edu/work

*For more information about Gainful Employment programs at LCC, please visit lowercolumbia.edu/programs/gainful-employment

La falta de habilidades lingüísticas no es una barrera para la admisión y la participación en cualquier oportunidad de educación profesional y técnica.

Notification of Title IV Student Complaint Process

The Higher Education Act (HEA) prohibits an institution of higher education from engaging in a “substantial misrepresentation of the nature of its educational program, its financial charges, or the employability of its graduates.” 20 U.S.C. §1094(c)(3)(A). Further, each state must have “a process to review and appropriately act on complaints concerning the institution including enforcing applicable state laws.” 34 C.F.R. § 600.9. The Washington State Board for Community and Technical Colleges (SBCTC) maintains a process to investigate complaints of this nature brought by community and technical college students in the state of Washington. For information, contact SBCTC Student Services, PO Box 42495, Olympia, WA 98504-2495, ballinder@sbctc.edu, 360-704-4315 or visit sbctc.edu.
Veterans’ Services

Lower Columbia College offers approved educational programs to eligible veterans and eligible dependents of deceased or totally disabled veterans under Title 38 and Title 10, U.S. Code.

LCC staff provides assistance with completing the process to apply for the GI Bill, veterans’ health benefits and other college services. To get started, veterans need DD 214 Member 4 Copy, Report of Separation from Active Service.

Resident veterans who served, or who provided direct support to American service members in a combat zone may also qualify for special tuition rates and other financial aid.

Veterans planning to enroll at LCC are encouraged to familiarize themselves with available VA Education Benefits.

The College participates in the following VA educational programs

- Post 9/11 GI Bill - Ch 33
- Montgomery GI Bill Active Duty (MGIB-AD) - Ch 30
- Survivors and Dependents Educational Assistance (DEA) - Ch 35
- Montgomery GI Bill Selected Reserve (MGIB-SR) - 1606
- Reserve Educational Assistance Program (REAP) - 1607
- Vocational Rehabilitation and Employment (VR&E) - Ch 31

Lower Columbia College Veteran Alliance

If you are a veteran who has served in the Armed Forces and are attending Lower Columbia College, you are invited to join our Veteran Alliance Organization, which meets twice each month. Veterans decide the meeting agenda. Some possible topics include:

- Navigating the Veterans Affairs system
- Financial Aid for college
- National scholarships available to veterans
- Housing Assistance information
- VFW Presentations
- Connecting with other veterans on campus
- Making the transition back home
- Outreach projects for military and veteran community
- Veteran-related campus events
- Employment assistance through work source veterans representative

For more information call 360.442.2346

Attend an Upcoming Veteran Briefing

Learn about key resources for veterans and their dependents at LCC. This briefing is for new and current students or those who want to learn more about attending college.

Contact Vet Corps Navigator
Connie O’Brien Larsen
cobrienlarsen@lowercolumbia.edu

lowercolumbia.edu/veterans for more information
Buying Your Books

The LCC Bookstore makes it easy for you to get your textbooks. Here’s how:

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early.
- Buy books online at lowercolumbia.edu/bookstore and pick them up in-store or have them shipped to your home. Textbooks will be available online beginning August 9.

Bookstore Hours
Mon-Thurs, 7:30 a.m.-4:30 p.m.
Friday, 7:30 a.m.–2 p.m.

Extended hours opening week of the quarter, check Bookstore website

Summer & Fall Book Buyback
Check Bookstore website for dates & times

Attention LCC Alumni

We invite you to make a fresh connection to LCC by signing up to become a member of the Alumni Association. Whether you earned a degree or certificate or completed just one quarter, we consider you part of our alumni family.

We look forward to connecting with you!

Does Your Class Use Free Or Inexpensive Textbooks?

Alternative Educational Resources (AER) are print or digital, free or inexpensive alternatives to commercial textbooks. AER include course materials that cost our students less than $50 to use, and include used textbooks and other physical and digital resources. Look for this symbol in your class schedule:

Courses Using AER – Fall 2019

ANTH& 205 Biological Anthropology - 0965
ART 130 Intro to Graphic Design - 1040
ART 151 Intro to Digital Photo - 1045
ART 152 Intermediate Digital Photo - 1047
ART 162 Digital Fundamentals Art Design - 1055
ART 241 Beginning Ceramic Art - 1075, 1080
ART 242 Intermediate Ceramic Art - 1085, 1090
ART 243 Advanced Ceramic Art - 1095, 1100
BIOL& 160 General Biology - 1205, 1210
BIOL& 160 General Biology w/lab - 1215, 1220, 1225, 1260
BIOL& 221 Majors Ecology/Evolution - 1265
BIOL& 241 Human A & P 1 - 1275, 1277, 1280, 1285
BIOL& 242 Human A & P 2 - 1310, 1315, 1320
BIOL& 260 Microbiology - 1335
BIOL& 260 Microbiology w/lab - 1340, 1345
BTEC 104 Intro to Business Technology - 1395
BTEC 150 Intro to Google Apps - 1500
BTEC 155 Website Management - 1505
BUS 100 Foundations of Business Success - 1600, 1602
BUS& 101 Intro to Business - 1730, 1735
BUS 144 Management Human Relations:DIV - 1635, 1640
BUS& 201 Business Law - 1745

CHEM& 100 Preparatory Chemistry - 1810
CHEM& 110 Chemical Concepts w/lab - 1820
CHEM& 121 Intro to Chemistry - 1825
CJ& 110 Criminal Law - 1900, 1905
CMST& 220 Public Speaking - 2210, 2220
CS 170 Programming Fundamentals - 2345
DRMA& 101 Intro to Theatre - 2515
DRMA 106 Intro to Acting - 2480
DRMA 116 Stage Crafts I - 2485
DRMA 117 Stage Crafts II - 2490
DRMA 118 Stage Crafts III - 2495
DRMA 196 Rehearsal & Performance I - 2500
DRMA 206 Acting I - 2505
DRMA 296 Rehearsal & Performance IV - 2510
ECON 105 Intro to Economics - 2620, 2625
ECON& 201 Micro Economics - 2630
ENGL 098 College-Ready English I - 2730, 2780
ENGL 099 College-Ready English I - 2785
ENGL& 101 English Comp I - 2875, 2885, 2890, 2895, 2910, 2915, 2920, 2925, 2935, 2945, 2950, 2955, 2960, 2965
ENGL& 102 English Comp II - 2985, 3000, 3005
ENGL 124 Arts Mag Publication I - 2820
ENGL 224 Arts Mag Publication IV - 2835
ERSI 105 Earth Systems - 3070
GEOL& 208 Geology of Pacific NW - 3140
HUM 106 Community Conversations - 3590
HUM 107 How to See a Play - 3595
HUM 251 Ethics and Policy in Healthcare III - 3625
MATH& 107 Math in Society - 4295
MUSC 100 Fundamentals of Music - 4520
MATH& 105 Music Appreciation - 4875
MUSC 145 Beginning Voice - 4600
MUSC 176 Clarinet - 4635
MUSC 177 Clarinet - 4636
MUSC 178 Clarinet - 4637
MUSC 276 Clarinet - 4780
MUSC 277 Clarinet - 4781
MUSC 278 Clarinet - 4782
NUTR& 101 Nutrition - 5060, 5065, 5070, 5075, 5080, 5085, 5090, 5095
POLS& 201 Intro to Political Science - 5335
PSYC& 100 General Psychology - 5385, 5390, 5395, 5410
SOC& 101 Intro to Sociology:DIV - 5460, 5465

Textbook info online at lowercolumbia.edu/bookstore
ONLINE LEARNING @ LCC

Online learning at Lower Columbia College offers flexibility for those with work, family and other responsibilities to complete college courses and even a degree without a regular commute to campus.

**Online** – Students complete all course work via the Internet.

**Hybrid** – Courses blend classroom sessions with online participation and learning. For example: students go online, read lessons, take a practice quiz; then come to a face-to-face class and practice what they learned online.

**Enhanced** – Course is fully face-to-face, but has an additional, required online component. (i.e. submitting assignments or discussion boards)

The online learning process requires the same commitment as a traditional course. Staying up with the class and completing all work on time is vital. Once a learner gets behind, it is very difficult to catch up.

The majority of LCC online and hybrid courses are facilitated through the learning management system, Canvas.

**Note:** Some online classes require that students use a proctoring service for their online exams. This can be done at LCC, other colleges/approved sites, or with an online proctoring service (Honorlock or ProctorU). Online proctoring services and many test proctoring locations charge a fee for this service, which students are responsible for paying. Students should work with their instructors if they have any questions about test proctoring requirements.

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LCC ONLINE CLASSES — FALL 2019

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT&amp; 201</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>AH 100</td>
<td>Blood Borne Pathogens and Infection Control</td>
</tr>
<tr>
<td>ART 224</td>
<td>History of Graphic Design:DIV</td>
</tr>
<tr>
<td>ART 226</td>
<td>History of Western Art I</td>
</tr>
<tr>
<td>ART &amp; 100</td>
<td>Art Appreciation:DIV</td>
</tr>
<tr>
<td>BIOL&amp; 160</td>
<td>General Biology w/lab</td>
</tr>
<tr>
<td>BIOL&amp; 241</td>
<td>Human A &amp; P 1 w/lab</td>
</tr>
<tr>
<td>BIOL&amp; 242</td>
<td>Human A &amp; P 2 w/lab</td>
</tr>
<tr>
<td>BIOL&amp; 260</td>
<td>Microbiology w/lab</td>
</tr>
<tr>
<td>BTEC 131</td>
<td>Intro to Spreadsheets</td>
</tr>
<tr>
<td>BTEC 181</td>
<td>Medical Terminology I</td>
</tr>
<tr>
<td>BTEC 182</td>
<td>Medical Terminology II</td>
</tr>
<tr>
<td>BUS&amp; 101</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>BUS 144</td>
<td>Management/Human Relations:DIV</td>
</tr>
<tr>
<td>BUS 159</td>
<td>Principles of Retailing</td>
</tr>
<tr>
<td>BUS &amp; 201</td>
<td>Business Law</td>
</tr>
<tr>
<td>BUS 240</td>
<td>Principles of Supervision</td>
</tr>
<tr>
<td>CHEM&amp; 110</td>
<td>Chemical Concepts w/lab</td>
</tr>
<tr>
<td>CJ&amp; 110</td>
<td>Criminal Law</td>
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<tr>
<td>CMST&amp; 210</td>
<td>Interpersonal Communication</td>
</tr>
<tr>
<td>CMST&amp; 220</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>CMST&amp; 230</td>
<td>Small Group Communication</td>
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<tr>
<td>COLL 074</td>
<td>Math Success</td>
</tr>
<tr>
<td>CS 110</td>
<td>Microcomputer Applications</td>
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<tr>
<td>DRMA&amp; 101</td>
<td>Intro to Theatre</td>
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<tr>
<td>ECED&amp; 100</td>
<td>Child Care Basics</td>
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<tr>
<td>ECED&amp; 190</td>
<td>Observation/Assessment</td>
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<td>ECON 105</td>
<td>Intro to Economics</td>
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<tr>
<td>EDUC&amp; 136</td>
<td>School Age Care</td>
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<tr>
<td>ENGL 098</td>
<td>College-Ready English I</td>
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<tr>
<td>ENGL 099</td>
<td>College-Ready English II</td>
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<td>ENGL&amp; 101</td>
<td>English Composition I</td>
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<td>ENGL&amp; 102</td>
<td>Composition II</td>
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<td>ENGL 270</td>
<td>Literature for Children</td>
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<td>ERSI 105</td>
<td>Earth Systems</td>
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<td>GEO&amp; 208</td>
<td>Geology of the Pacific NW</td>
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<td>HIST&amp; 136</td>
<td>US History 1</td>
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<td>HIST&amp; 137</td>
<td>US History 2</td>
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<td>HLTH 106</td>
<td>Health and Wellness</td>
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<tr>
<td>HUM 210</td>
<td>Myth and Rites:DIV</td>
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<tr>
<td>MATH 078/079</td>
<td>Pre-College Math I</td>
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<tr>
<td>MATH 088/089</td>
<td>Pre-College Math II</td>
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<tr>
<td>MATH 098/099</td>
<td>Pre-College Math III</td>
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<tr>
<td>MATH&amp; 107</td>
<td>Math in Society</td>
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<tr>
<td>MATH&amp; 146</td>
<td>Intro to Statistics</td>
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<td>MATH 246</td>
<td>Probability and Stats</td>
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<td>MEDA 205</td>
<td>Certification Review for Medical Assisting</td>
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<tr>
<td>MUSC&amp; 105</td>
<td>Music Appreciation</td>
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<tr>
<td>MUSC 119</td>
<td>American Music:DIV</td>
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<tr>
<td>NUTR&amp; 101</td>
<td>Nutrition</td>
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<tr>
<td>OCEA&amp; 101</td>
<td>Intro to Oceanography</td>
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<td>PHED 152</td>
<td>Personalized Fitness</td>
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<tr>
<td>PHED 252</td>
<td>Personalized Fitness</td>
</tr>
<tr>
<td>PHIL&amp; 101</td>
<td>Intro to Philosophy</td>
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<tr>
<td>POLS&amp; 202</td>
<td>American Government</td>
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<tr>
<td>PSYC&amp; 100</td>
<td>General Psychology</td>
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<td>PSYC&amp; 200</td>
<td>Lifespan Psychology</td>
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<tr>
<td>PSYC 255</td>
<td>Psychosocial Issues in Health Care</td>
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<tr>
<td>SOC&amp; 101</td>
<td>Intro to Sociology:DIV</td>
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<tr>
<td>*SPAN&amp; 121</td>
<td>Spanish I:DIV</td>
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<tr>
<td>*SPAN&amp; 122</td>
<td>Spanish II:DIV</td>
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<td>*SPAN&amp; 123</td>
<td>Spanish III:DIV</td>
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<tr>
<td>*SPAN&amp; 221</td>
<td>Spanish IV</td>
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<tr>
<td>*SPAN&amp; 222</td>
<td>Spanish V</td>
</tr>
<tr>
<td>*SPAN&amp; 223</td>
<td>Spanish VI</td>
</tr>
</tbody>
</table>

*These courses do not use Canvas

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Need help with Canvas?

If your class listing shows this symbol ▼ you will be using Canvas – LCC’s online learning management system.

**Schedule a free one-on-one help session!**

**Learn how to:**

- Change your profile settings in Canvas
- Navigate your course
- Complete assignments, quizzes, and more!

To schedule an appointment or for more information, stop by the Learning Commons, or call eLearning 360.442.2520 or Tutoring 360.442.2572
Start Next Quarter

See If You Qualify for Special Funding for College

Special funding, in addition to traditional financial aid, is available to help pay college expenses for individuals seeking job training at Lower Columbia College. Current students, and others who want to train for a new job, can easily see if they might qualify through a new online tool.

Start Next Quarter
Take the 10-minute survey at www.startnextquarter.org to find out if you might qualify for special funding programs that help cover college expenses, including textbooks, transportation and childcare. If you pre-qualify, you can sign-up for an information session where you’ll learn about available funding programs, determine your eligibility and submit an application. You’ll also learn about:
• Available career training programs
• How to prepare for the placement assessments
• How to apply for federal financial aid (FAFSA)
• How to keep your unemployment or basic food benefits while in training

For help completing the survey, call the Workforce Services office, 360.442.2330, or stop by the Career Center for one-on-one support.

Worker Retraining
360.442.2334
lowercolumbia.edu/worker-retraining

Worker Retraining is a state-funded program that provides job-related training and employment services to dislocated and unemployed workers to help them gain additional training in their field or to get started on a new career. You may be eligible to receive additional funding to help pay for retraining tuition, books and fees or “jump-start” funding while waiting for financial aid approval. If you are currently receiving unemployment benefits, Worker Retraining staff will work with you to navigate the employment service programs available to the unemployed.

Opportunity Grant
360.442.2338
lowercolumbia.edu/opportunity-grant

Unemployed or underemployed adults seeking a certificate or degree in a high demand career field, may be eligible for help to pay for college expenses under the Opportunity Grant Program. The grant provides individualized support services, along with funding for tuition and fees, books, and/or tools for up to 45 credits.

Basic Food, Employment & Training (BFET)
360.442.2332
lowercolumbia.edu/bfet

In a partnership with Department of Social and Health Services (DSHS), Lower Columbia College offers opportunities for vocational education and career development to low income students who qualify to receive, or are currently receiving, federally-issued basic food benefits. While BFET does not provide tuition assistance, you may qualify for other assistance such as child care and food benefits. If you are currently receiving federally issued basic food benefits, BFET will allow you to continue to receive those benefits while attending school. As a benefits recipient, you will be required to participate in monthly career exploration activities with BFET staff.

For more information about workforce funding programs and the services available, please contact:

Basic Food, Employment & Training (BFET)
Katie Sully, Educational Planner
ksully@lowercolumbia.edu
Steve Boyer, Program Coordinator
sboyer@lowercolumbia.edu

Opportunity Grant
Darren Schwegler, Educational Planner
dschwegler@lowercolumbia.edu

Worker Retraining
Crystal Heitz, Educational Planner
cheitz@lowercolumbia.edu
**Diversity Classes**

To earn a degree at LCC, you must pass a 5-credit Cultural Diversity class. These courses meet the requirement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH&amp; 100</td>
<td>Survey of Anthropology</td>
<td>ENGL 245</td>
<td>Contemporary Literature</td>
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<tr>
<td>ANTH&amp; 206</td>
<td>Cultural Anthropology</td>
<td>ENGL 246</td>
<td>Rainbow Readers:</td>
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<td>ART&amp; 100</td>
<td>Art Appreciation</td>
<td>HIST&amp; 126</td>
<td>Environment and Society</td>
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<td>ART 206</td>
<td>Arts of the Americas</td>
<td>HIST&amp; 127</td>
<td>World Civilization I</td>
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<td>ART 207</td>
<td>Arts of the World</td>
<td>HIST&amp; 128</td>
<td>World Civilization II</td>
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<td>ART 208</td>
<td>Arts of the Northwest</td>
<td>HIST 230</td>
<td>World Civilization III</td>
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<td>ART 224</td>
<td>History of Graphic Design</td>
<td>HIST 250</td>
<td>History of East Asia</td>
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<tr>
<td>ART 228</td>
<td>History of Western Art</td>
<td>HIST 215</td>
<td>Women in U.S. History</td>
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<tr>
<td>ASL&amp; 123</td>
<td>American Sign Language III</td>
<td>HUM 104</td>
<td>Ethics and Cultural Values</td>
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<tr>
<td>BTEC 165</td>
<td>Cultural Awareness for</td>
<td>HUM 164</td>
<td>Cultural Journeys</td>
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<td>BUS 144</td>
<td>Management of</td>
<td>HUM 210</td>
<td>Myths and Rites</td>
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<tr>
<td>CHIN&amp; 121</td>
<td>Chinese I</td>
<td>MUSC 117</td>
<td>Music Cultures of the World</td>
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<tr>
<td>CHIN&amp; 122</td>
<td>Chinese II</td>
<td>MUSC 119</td>
<td>American Music</td>
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<td>CHIN&amp; 123</td>
<td>Chinese III</td>
<td>MUSC 209</td>
<td>The Blues Culture</td>
</tr>
<tr>
<td>CMST 240</td>
<td>Rhetorical Criticism and Popular</td>
<td>SOC&amp; 101</td>
<td>Introduction to Sociology</td>
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<tr>
<td>CMST 250</td>
<td>Intercultural Communication</td>
<td>SOC 210</td>
<td>Human Sexuality</td>
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<tr>
<td>EDU 101</td>
<td>Introduction to Education</td>
<td>SOC 225</td>
<td>Race and Ethnicity</td>
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<tr>
<td>ENGL 140</td>
<td>Introduction to Women Writers</td>
<td>SPAN&amp; 121</td>
<td>Spanish I</td>
</tr>
<tr>
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<td>Introduction to Women Writers</td>
<td>SPAN&amp; 122</td>
<td>Spanish II</td>
</tr>
<tr>
<td>ENGL 140</td>
<td>Introduction to Women Writers</td>
<td>SPAN&amp; 123</td>
<td>Spanish III</td>
</tr>
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</table>

**Fall 2019 Final Exam Schedule (December 10-12)**

*Use this chart to determine your final exam time. Schedules are online at lowercolumbia.edu/classes/finals.php*

<table>
<thead>
<tr>
<th>Class begins between</th>
<th>On these days</th>
<th>Your final exam time will be</th>
<th>On this date</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m. - 8:30 a.m.</td>
<td>M, MWF, MW, W, Daily</td>
<td>8:00 a.m. - 10:00 a.m.</td>
<td>December 10</td>
</tr>
<tr>
<td>7:00 a.m. - 8:30 a.m.</td>
<td>MTWTh, MTWF, MWThF, TTh</td>
<td>8:00 a.m. - 10:00 a.m.</td>
<td>December 11</td>
</tr>
<tr>
<td>9:00 a.m. - 9:50 a.m.</td>
<td>TTh, MTWTTh</td>
<td>8:00 a.m. - 10:00 a.m.</td>
<td>December 12</td>
</tr>
<tr>
<td>10:00 a.m. - 10:50 a.m.</td>
<td>MW, MW, Daily</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>December 10</td>
</tr>
<tr>
<td>11:00 a.m. - 11:55 a.m.</td>
<td>MWThF, TTh, MTWTh</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>December 12</td>
</tr>
<tr>
<td>11:00 a.m. - 11:55 a.m.</td>
<td>MW, MW, Daily</td>
<td>12:20 p.m. - 2:20 p.m.</td>
<td>December 10</td>
</tr>
<tr>
<td>12:00 p.m. - 12:55 p.m.</td>
<td>MW, Daily, MWThF</td>
<td>12:20 p.m. - 2:20 p.m.</td>
<td>December 11</td>
</tr>
<tr>
<td>1:00 p.m. - 2:00 p.m.</td>
<td>MWF, MW, W, MTWTh, Daily, MTWF</td>
<td>12:20 p.m. - 2:20 p.m.</td>
<td>December 12</td>
</tr>
<tr>
<td>2:00 p.m. - 2:50 p.m.</td>
<td>T, TT, Th</td>
<td>2:30 p.m. - 4:30 p.m.</td>
<td>December 10</td>
</tr>
<tr>
<td>2:30 p.m. - 4:00 p.m.</td>
<td>MWF, MW, M, W</td>
<td>2:30 p.m. - 4:30 p.m.</td>
<td>December 11</td>
</tr>
<tr>
<td>2:30 p.m. - 4:00 p.m.</td>
<td>T, TT</td>
<td>2:30 p.m. - 4:30 p.m.</td>
<td>December 12</td>
</tr>
<tr>
<td>5:00 p.m.-10:00 p.m.</td>
<td>All Days</td>
<td>During Class</td>
<td>Talk to Instructor</td>
</tr>
</tbody>
</table>

Evening classes meeting once a week will take their final exam at the regular class time during finals week. Evening classes meeting more than once a week will take the final exam at the regular class time on whichever day during finals week the class agrees upon.

Students enrolled in online courses (DE section) are to contact their instructor for final exam information.

Students are not required to take final exams for more than two classes on a single day. If such a conflict arises, students are to contact their instructor to discuss alternative options. If no solution is determined after the initial meeting with the instructor, students may then petition the appropriate division dean. Arrangements must be made by the end of the 8th week of instruction. For assistance please contact the Office of Instruction by calling 360.442.2550. *Exam priorities shall be based on class meeting day order first, then meeting time.*

Final exams will be administered on the day designated on the final exam schedule. If a deviation from the scheduled day is desired, faculty must seek approval from the appropriate division dean. Time changes, unanimously approved by the class, are acceptable.

For any classes that conflict with other final exams please talk to your instructor for more information.
These initials or symbols on the course listing mean:
A = No more than three PHED activity credits may be taken as electives towards a DTA degree.
D = Course meets Diversity requirement.
H = Course meets distribution credit in Humanities.
SS = Course meets distribution credit in Social Science.
NS = Course meets distribution credit in Natural Science.
NSL = Course meets distribution credits in Natural Science as a lab course.
P = Course meets distribution credits as a performance based course.
& = Course is part of the Washington Community Colleges’ Common Course Numbering system.
& DE = Course uses the CANVAS learning management system. All courses with this symbol have a fee. All DE sections have a fee of $6.00 per credit, maximum of $60.00. All other sections have a fee of $3.00 per credit, maximum of $30.00. CANVAS orientation information is on page 12.
O = Course uses Open or Alternative Educational Resources/Textbooks cost less than $50.00
□ = Course is clustered with other class sections that meet at the same time, in the same classroom.

**ACCOUNTING**

Unless otherwise noted, a computer lab fee is charged for all ACCT courses.

**ACCT 101**   INTRODUCTION TO ACCOUNTING CONCEPTS
- Item# 0835 A
- Sec. 5
- Time MWF 11:00a.m.-12:25p.m.
- Place AAR 103
- Instructor STANLEY J

**ACCT 241**   INTRODUCTION TO QUICKBOOKS
- Item# 0850 A
- Sec. 5
- Time TTh 1:00p.m.-2:55p.m.
- Place AAR 108
- Instructor CUMMINGS D

**ACCT 244**   INDIVIDUAL INCOME TAXATION
- Item# 0860 A
- Sec. 5
- Time TTh 9:00a.m.-10:55a.m.
- Place AAR 108
- Instructor CUMMINGS D

**ACCT 201**   PRINCIPLES OF ACCOUNTING I
- Item# 0880 A
- Sec. 5
- Time MWF 9:00a.m.-10:25a.m.
- Place AAR 103
- Instructor STANLEY J

No computer lab fee.

**American Sign Language**

**ASL 121**   AM SIGN LANGUAGE I
- Item# 1150 A
- Sec. 5
- Time TTh 8:30a.m.-10:45a.m.
- Place HSB 106
- Instructor BLACK G

**Anthropology**

**ANTH 100**   SURVEY OF ANTHROPOLOGY:DIV
- Item# 0960 A
- Sec. 5
- Time TTh 1:00p.m.-3:15p.m.
- Place AAR 104
- Instructor BATEY T

Uses Alternative Educational Resources.

**ART 100**   ART APPRECIATION:DIV
- Item# 1140 A
- Sec. 5
- Time T 1:30p.m.-3:30p.m.
- Place MAN 109
- Instructor COOPER R

**ART 101**   BEGINNING DRAWING
- Item# 0970 A
- Sec. 3
- Time MW 9:00a.m.-11:40a.m.
- Place MAN 109
- Instructor KOHLMEIER M

Lab Fee: $6.80 □ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 102**   INTERMEDIATE DRAWING
- Item# 0985 A
- Sec. 3
- Time MW 9:00a.m.-11:40a.m.
- Place MAN 109
- Instructor KOHLMEIER M

Lab Fee: $6.80 □ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 103**   ADVANCED DRAWING
- Item# 1000 A
- Sec. 3
- Time MW 9:00a.m.-11:40a.m.
- Place MAN 109
- Instructor KOHLMEIER M

Lab Fee: $6.80 □ Course is clustered with other class sections that meet at the same time, in the same classroom.
<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>ART 106</td>
<td>TWO-DIMENSIONAL DESIGN</td>
<td>1015 A</td>
<td>5</td>
<td>0.00</td>
<td>TTh</td>
<td>10:00a.m.-12:15p.m.</td>
<td>MAN 109</td>
<td>KOHLMEIER M</td>
</tr>
<tr>
<td>ART 107</td>
<td>COLOR THEORY AND DESIGN</td>
<td>1020 A</td>
<td>5</td>
<td>0.00</td>
<td>TTh</td>
<td>2:00p.m.-4:15p.m.</td>
<td>MAN 109</td>
<td>KOHLMEIER M</td>
</tr>
<tr>
<td>ART 111</td>
<td>BEGINNING PAINTING</td>
<td>1025 A</td>
<td>3</td>
<td>0.00</td>
<td>TTh</td>
<td>9:00a.m.-12:20p.m.</td>
<td>MAN 103</td>
<td>COOPER R</td>
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<tr>
<td>ART 112</td>
<td>INTERMEDIATE PAINTING</td>
<td>1030 A</td>
<td>3</td>
<td>0.00</td>
<td>TTh</td>
<td>9:00a.m.-12:20p.m.</td>
<td>MAN 103</td>
<td>COOPER R</td>
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<td>ART 113</td>
<td>ADVANCED PAINTING</td>
<td>1035 A</td>
<td>3</td>
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<td>9:00a.m.-12:20p.m.</td>
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<tr>
<td>ART 130</td>
<td>INTRODUCTION TO GRAPHIC DESIGN</td>
<td>1040 A</td>
<td>4</td>
<td>0.00</td>
<td>MW</td>
<td>12:00p.m.-1:25p.m.</td>
<td>MAN 125</td>
<td>MYNHIER J</td>
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<tr>
<td>ART 151</td>
<td>INTRO TO DIGITAL PHOTOGRAPHY</td>
<td>1045 A</td>
<td>5</td>
<td>0.00</td>
<td>MWF</td>
<td>9:00a.m.-11:00a.m.</td>
<td>MAN 125</td>
<td>CASTLE J</td>
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<tr>
<td>ART 152</td>
<td>INTERMEDIATE DIGITAL PHOTOGRAPHY</td>
<td>1047 A</td>
<td>5</td>
<td>0.00</td>
<td>MWF</td>
<td>9:00a.m.-11:00a.m.</td>
<td>MAN 125</td>
<td>CASTLE J</td>
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<tr>
<td>ART 162</td>
<td>DIGITAL FUNDAMENTALS ART DESIGN</td>
<td>1055 A</td>
<td>4</td>
<td>0.00</td>
<td>TTh</td>
<td>11:00a.m.-12:25p.m.</td>
<td>MAN 125</td>
<td>MYNHIER J</td>
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<tr>
<td>ART 224</td>
<td>HISTORY OF GRAPHIC DESIGN:DIV</td>
<td>1065 DE</td>
<td>5</td>
<td>0.00</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>MYNHIER J</td>
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<tr>
<td>ART 226</td>
<td>HISTORY OF WESTERN ART I</td>
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<td></td>
<td></td>
<td>ARR</td>
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<td>STAFF</td>
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**Lab Fee:** $32.00
**Instructor permission required to enroll.**

**Lab Fee:** $32.00
**Instructor permission required to enroll.**

**Lab Fee:** $23.60
**Uses Alternative Educational Resources.**

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**Uses Alternative Educational Resources.**

**Lab Fee:** $32.00
**Instructor permission required to enroll.**

**Lab Fee:** $22.60
**Instructor permission required to enroll.**

**Lab Fee:** $22.60
**Instructor permission required to enroll.**

**EVENING CLASSES**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tr>
<td>ART 290</td>
<td>ART STUDIO LAB-CERAMICS</td>
<td>1115 MM1-3</td>
<td>ARR</td>
<td>ARR</td>
<td>TTh</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 104</td>
<td>WALLACE P</td>
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<tr>
<td>ART 295</td>
<td>ART LAB-PHOTOGRAPHY</td>
<td>1120 MM1-3</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 109</td>
<td>STAFF</td>
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<td>ART 297</td>
<td>PHOTOSHOP INDEPENDENT STUDY</td>
<td>1125 MM1-3</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 109</td>
<td>STAFF</td>
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<tr>
<td>ART 299</td>
<td>INDEPENDENT STUDY</td>
<td>1130 MM1-3</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 109</td>
<td>KOHLMEIER M</td>
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**EVENING CLASSES**

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<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101</td>
<td>BEGINNING DRAWING</td>
<td>0980 N</td>
<td>3</td>
<td>0.00</td>
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<td>6:00p.m.-8:40p.m.</td>
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<td>KOHLMEIER M</td>
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<td>ART 102</td>
<td>INTERMEDIATE DRAWING</td>
<td>0995 N</td>
<td>3</td>
<td>0.00</td>
<td>TTh</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 109</td>
<td>KOHLMEIER M</td>
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<tr>
<td>ART 103</td>
<td>ADVANCED DRAWING</td>
<td>1010 N</td>
<td>3</td>
<td>0.00</td>
<td>TTh</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 109</td>
<td>KOHLMEIER M</td>
</tr>
<tr>
<td>ART 241</td>
<td>BEGINNING CERAMIC ART</td>
<td>1080 N</td>
<td>3</td>
<td>0.00</td>
<td>MW</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 104</td>
<td>WALLACE P</td>
</tr>
<tr>
<td>ART 242</td>
<td>INTERMEDIATE CERAMIC ART</td>
<td>1090 N</td>
<td>3</td>
<td>0.00</td>
<td>MW</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 104</td>
<td>WALLACE P</td>
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<tr>
<td>ART 243</td>
<td>ADVANCED CERAMIC ART</td>
<td>1100 N</td>
<td>3</td>
<td>0.00</td>
<td>MW</td>
<td>6:00p.m.-8:40p.m.</td>
<td>MAN 104</td>
<td>WALLACE P</td>
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**EVENING CLASSES**

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<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>ASTR &amp; 1</td>
<td>INTRODUCTION TO ASTRONOMY</td>
<td>1165 N</td>
<td>5</td>
<td>0.00</td>
<td>T</td>
<td>5:30p.m.-7:00p.m.</td>
<td>HSB 137</td>
<td>VAZQUEZ J</td>
</tr>
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</table>

**Lab included.**

**Uses Alternative Educational Resources.**

**Lab included.**

**Uses Alternative Educational Resources.**

**Lab included.**

**Uses Alternative Educational Resources.**
Automotive Technology

There is a fee of $13.50 per student per quarter for all AMTC classes.

AMTC 104  AUTO ELECTRICAL SYSTEMS
0925 A  15  MTWTh 7:30a.m.-12:00p.m.  DTV 232  KILE C
Hybrid class; partially online.

AMTC 214  AUTOMOTIVE DRIVETRAIN
0930 A  15  MTWTh 7:30a.m.-12:00p.m.
Prerequisite: AMTC 104 or Instructor Permission

AMTC 299  INDEPENDENT STUDY
0950 MM 1-5  ARR  ARR  ROESKE G
Instructor permission required to enroll.
0955 MM 2-5  ARR  ARR  KILE C
Instructor permission required to enroll.

Biology

BIO& 160  GENERAL BIOLOGY
1205 A  5  TTh  9:00a.m.-10:50a.m.  HSB 101  CORMICK C
Students must also enroll in one of the lab sections, BIO& 160 LA or LB.
Lab Fee: $11.50  Uses Alternative Educational Resources.

BIO& 160  GENERAL BIOLOGY—LAB
1240 LA  0  TTh  9:00a.m.-10:50a.m.  HSB 304  CORMICK C

BIO& 161  GENERAL BIOLOGY—LAB
1240 LA  0  TTh  9:00a.m.-10:50a.m.  HSB 304  CORMICK C

BIO& 211  MAJORS ECOLOGY/EVOLUTION W/LAB
1265 A  5  Th  1:00p.m.-2:15p.m.  HSB 107  LAPIERRE L
Lab included. Lab Fee: $21.53
Hybrid class; partially online.  Uses Alternative Educational Resources.

BIO& 241  HUMAN ANATOMY AND PHYSIOLOGY 1 W/LAB
1275 A  5  M  9:00a.m.-12:00p.m.  HSB 306  MYERS L
Lab included. Lab Fee: $21.53
Hybrid class; partially online.  Uses Alternative Educational Resources.

BIO& 242  HUMAN ANATOMY AND PHYSIOLOGY 2 W/LAB
1310 DE  5  ARR  ARR  MYERS L
Prerequisite: BIO& 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.  Uses Alternative Educational Resources.

BIO& 242  HUMAN ANATOMY AND PHYSIOLOGY 2 W/LAB
1315 DE  5  ARR  ARR  STAFF
Prerequisite: BIO& 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.  Uses Alternative Educational Resources.

BIO& 260  MICROBIOLOGY
1335 A  5  TTh  1:30p.m.-2:45p.m.  HSB 123  FULLER K
Students must also enroll in one of the lab sections - BIO& 260 LA or LB.
Lab Fee: $26.90  Uses Alternative Educational Resources.

BIO& 260  MICROBIOLOGY—LAB
1365 LA  0  TTh  8:00a.m.-9:50a.m.  HSB 302  FULLER K

BIO& 260  MICROBIOLOGY—LAB
1370 LB  0  TTh  10:00a.m.-11:50a.m.  HSB 302  FULLER K

BIO& 299  INDEPENDENT STUDY
1180 MM 1-3  ARR  ARR  STAFF

EVENING CLASSES

BIO& 160  GENERAL BIOLOGY W/LAB
1260 N  5  TTh  5:15p.m.-7:30p.m.  HSB 304  TONN N
Lab included. Lab Fee: $11.50  Uses Alternative Educational Resources.
Hybrid class; partially online.
Business Administration

BUS 100 FOUNDATIONS OF BUSINESS SUCCESS  SS
1600 C 5 MW 11:00a.m.-12:55p.m. AAR 105 GAITHER/ROSI
Hybrid class; partially online. © Uses Alternative Educational Resources.
1602 DE 5 ARR ARR CUMMINGS/GAITHER
Online class. © Uses Alternative Educational Resources.

BUS 101 INTRODUCTION TO BUSINESS  SS
1730 A 5 T 11:00a.m.-12:55p.m. AAR 108 STUART M
Hybrid class; partially online. © Uses Alternative Educational Resources.
1735 DE 5 ARR ARR CUMMINGS D
Online class. © Uses Alternative Educational Resources.

BUS 104 BUSINESS MATH APPLICATIONS
1615 A 5 MW 1:00p.m.-2:55p.m. HSB 106 CUMMINGS D
Hybrid class; partially online.

BUS 119 BUSINESS COMMUNICATIONS
1625 A 5 MW 1:00p.m.-2:55p.m. AAR 103 STUART M
Hybrid class; partially online.

BUS 144 MANAGEMENT OF HUMAN RELATIONS-DIV  D,SS
1635 A 5 Th 9:00a.m.-10:55a.m. VOC 116 ALLWINE T
Hybrid class; partially online. © Uses Alternative Educational Resources.
1640 DE 5 ARR ARR ALLWINE T
Online class. © Uses Alternative Educational Resources.

BUS 150 CUSTOMER SERVICE/MANAGEMENT
1655 A 5 T 11:00a.m.-12:55p.m. AAR 103 ALLWINE T
Hybrid class; partially online.

BUS 159 PRINCIPLES OF RETAILING
1665 DE 5 ARR ARR STUART M
Online class.

BUS 201 BUSINESS LAW  SS
1745 A 5 TTh 1:30p.m.-3:45p.m. MAN 145 QUIRK A
© Uses Alternative Educational Resources.
1750 DE 5 ARR ARR QUIRK A
Online class. © Uses Alternative Educational Resources.

BUS 240 PRINCIPLES OF SUPERVISION
1700 DE 5 ARR ARR ALLWINE T
Online class.

BUS 294 CAREER SUCCESS
1720 A 2 W 12:00p.m.-12:50p.m. HSB 107 BENNETT S
Hybrid class; partially online.

BUS–BTEC

BUS 154 KEYBOARDING SPEED/ACCURACY
1395 P 1-5 ARR ARR AAR 109E GAITHER M
This course is graded on a Pass/Fail basis only.

BTEC 010 KEYBOARDING SPEED/ACCURACY
1381 P 1-5 ARR ARR AAR 110 GAITHER M
This course is graded on a Pass/Fail basis only.

BTEC 045 INTRODUCTION TO MS WORD
1382 P 1-5 ARR ARR AAR 110 LEMMONS N

BTEC 046 POWERPOINT FUNDAMENTALS
1383 P 1-2 ARR ARR AAR 110 LEMMONS N

BTEC 047 INTRODUCTION TO DESKTOP PUBLISHING
1384 P 1-3 ARR ARR AAR 110 GAITHER M

BTEC 050 INTRODUCTION TO GOOGLE APPS
1386 P 1-3 ARR ARR AAR 110 GAITHER M

BTEC 055 WEBSITE MANAGEMENT
1387 P 3 ARR ARR AAR 110 GAITHER M

BTEC 104 INTRODUCTION TO BUSINESS TECHNOLOGY
1395 B 5 MW 1:00p.m.-2:55p.m. AAR 109E GAITHER M
Hybrid class; partially online. © Uses Alternative Educational Resources.

BTEC 110 KEYBOARDING SPEED/ACCURACY
1385 P 1-5 ARR ARR AAR 110 GAITHER M
This course is graded on a Pass/Fail basis only.

BTEC 111 WORD PROCESSING I
1415 A 5 TTh 11:00a.m.-12:55p.m. AAR 105 GAITHER M
Hybrid class; partially online.

BTEC 120 SPECIALIZED APPS FOR BUSINESS
1460 P 3 ARR ARR AAR 110 LEMMONS N

BTEC 130 ELECTRONIC CALCULATORS
1435 P 1-2 ARR ARR AAR 110 LEMMONS N
No computer lab fee.

BTEC 131 INTRODUCTION TO SPREADSHEETS
1440 A 5 MW 9:00a.m.-10:25a.m. AAR 109E LEMMONS N
Hybrid class; partially online.
1445 DE 5 ARR ARR LEMMONS N
No computer lab fee.
Online class.

Business Technology

If you are enrolled in “P” section, please sign up for individual class orientations in the Business Technology Lab located in Applied Arts 110. You must attend an orientation for your class during the first week of the quarter. A syllabus and progress chart will be provided to you at that time. The BTEC Lab hours are Monday-Friday 9 a.m. to 3 p.m., testing is Monday-Thursday 9 a.m. to 11 a.m. Students must have photo ID to use the computer labs. Unless otherwise noted, a computer lab fee is charged for BTEC Lab courses. Please contact the lab at 360.442.2710 if you have any questions. Unless otherwise noted, a computer lab fee is charged for all BTEC courses.

© “P” sections are clustered with other sections that meet at various times, in the same room.

SKILL BUILDING CLASSES
© These courses are clustered with other class sections that meet at the same time, in the same classroom.

BTEC 101 KEYBOARDING SPEED/ACCURACY
1381 P 1-5 ARR ARR AAR 110 GAITHER M

BTEC 045 INTRODUCTION TO MS WORD
1382 P 1-5 ARR ARR AAR 110 LEMMONS N

BTEC 046 POWERPOINT FUNDAMENTALS
1383 P 1-2 ARR ARR AAR 110 LEMMONS N

BTEC 047 INTRODUCTION TO DESKTOP PUBLISHING
1384 P 1-3 ARR ARR AAR 110 GAITHER M

BTEC 050 INTRODUCTION TO GOOGLE APPS
1386 P 1-3 ARR ARR AAR 110 GAITHER M

BTEC 055 WEBSITE MANAGEMENT
1387 P 3 ARR ARR AAR 110 GAITHER M

BTEC 104 INTRODUCTION TO BUSINESS TECHNOLOGY
1395 B 5 MW 1:00p.m.-2:55p.m. AAR 109E GAITHER M

BTEC 110 KEYBOARDING SPEED/ACCURACY
1385 P 1-5 ARR ARR AAR 110 GAITHER M
This course is graded on a Pass/Fail basis only.

BTEC 111 WORD PROCESSING I
1415 A 5 TTh 11:00a.m.-12:55p.m. AAR 105 GAITHER M
Hybrid class; partially online.

BTEC 120 SPECIALIZED APPS FOR BUSINESS
1460 P 3 ARR ARR AAR 110 LEMMONS N

BTEC 130 ELECTRONIC CALCULATORS
1435 P 1-2 ARR ARR AAR 110 LEMMONS N
No computer lab fee.

BTEC 131 INTRODUCTION TO SPREADSHEETS
1440 A 5 MW 9:00a.m.-10:25a.m. AAR 109E LEMMONS N
Hybrid class; partially online.
1445 DE 5 ARR ARR LEMMONS N
No computer lab fee.
Online class.
### Course # Course Name

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<td>BTEC 135</td>
<td>ADVANCED DATA ANALYSIS</td>
<td>1455 A</td>
<td>5</td>
<td>TTh</td>
<td>11:00a.m.-12:25p.m.</td>
<td>AAR 109E</td>
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<td>INTRODUCTION TO DESKTOP PUBLISHING</td>
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<td>BTEC 150</td>
<td>INTRODUCTION TO GOOGLE APPS</td>
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<td>ARR</td>
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<td>BTEC 155</td>
<td>WEBSITE MANAGEMENT</td>
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<td>AAR 110</td>
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<tr>
<td>BTEC 161</td>
<td>INTRODUCTION TO ICD-10 CODING</td>
<td>1520 N</td>
<td>5</td>
<td>MW</td>
<td>5:30p.m.-7:30p.m.</td>
<td>AAR 103</td>
</tr>
</tbody>
</table>

### EVENING CLASSES

### Chemical Dependency

#### CDS 101 INTRODUCTION TO ADDICTIONS & CHEMICAL DEPENDENCY SS
- Item#: 1880 A
- Sec. #: 5
- Cred. #: 5
- Days: ARR
- Time: 6:00p.m.-8:15p.m.
- Place: HSB 106
- Instructor: WALTZ M

#### CDS 108 COMMUNITY AND SCHOOL-BASED PREVENTION/INTERVENTION
- Item#: 1775 N
- Sec. #: 4
- Cred. #: 5
- Days: ARR
- Time: 5:15p.m.-8:35p.m.
- Place: HSB 106
- Instructor: MILLER S

#### CDS 113 TREATMENT PRINCIPLES AND CHEMICAL DEPENDENCY
- Item#: 1765 N
- Sec. #: 3
- Cred. #: 5
- Days: ARR
- Time: 5:30p.m.-8:10p.m.
- Place: HSB 106
- Instructor: WALTZ M

#### CDS 202 CHEMICAL DEPENDENCY COUNSELING W/DIVERSE POPULATIONS
- Item#: 1770 N
- Sec. #: 3
- Cred. #: 5
- Days: ARR
- Time: 5:30p.m.-8:10p.m.
- Place: HSB 104
- Instructor: CALIMAN J

**Prerequisite:** CDS 101 and 113 with a grade of C or better.

### Chemistry

#### CHEM 100 PREPARATORY CHEMISTRY
- Item#: 1810 A
- Sec. #: 5
- Cred. #: 5
- Days: ARR
- Time: 11:00a.m.-12:25p.m.
- Place: HSB 123
- Instructor: HERBELIN A

#### CHEM 110 CHEMICAL CONCEPTS W/LAB
- Item#: 1820 DE
- Sec. #: 5
- Cred. #: 5
- Days: ARR
- Time: 8:00a.m.-10:50a.m.
- Place: HSB 332
- Instructor: PECORE J

**Exams must be proctored for this course, using either the LCC testing center or the online options, contact the instructor for more information.** CHEM 110 Lab costs $25.00. Uses Alternative Educational Resources.

#### CHEM 121 INTRODUCTION TO CHEMISTRY—LAB
- Item#: 1825 A
- Sec. #: 5
- Cred. #: 5
- Days: ARR
- Time: 10:00a.m.-11:00a.m.
- Place: HSB 101
- Instructor: WOLFER A

**Students must also enroll in CHEM 121 LA.** Lab Fee: $15.00. Uses Alternative Educational Resources.

#### CHEM 121 INTRODUCTION TO CHEMISTRY—LAB
- Item#: 1830 LA
- Sec. #: 0
- Cred. #: 1
- Days: ARR
- Time: 9:00a.m.-10:50a.m.
- Place: HSB 332
- Instructor: WOLFER A

#### CHEM 161 GENERAL CHEMISTRY I
- Item#: 1845 A
- Sec. #: 5
- Cred. #: 5
- Days: ARR
- Time: 8:55a.m.-9:55a.m.
- Place: HSB 101
- Instructor: WOLFER A

**Students must also enroll in one of the lab sections, CHEM 161 LA or LB.** Lab Fee: $26.90

#### CHEM 161 GENERAL CHEMISTRY I—LAB
- Item#: 1850 LA
- Sec. #: 5
- Cred. #: 5
- Days: ARR
- Time: 8:00a.m.-9:50a.m.
- Place: HSB 332
- Instructor: WOLFER A

**Students must also enroll in one of the lab sections, CHEM 161 LA or LB.** Lab Fee: $26.90

#### CHEM 161 GENERAL CHEMISTRY I—LAB
- Item#: 1855 LB
- Sec. #: 5
- Cred. #: 5
- Days: ARR
- Time: 1:30p.m.-4:20p.m.
- Place: HSB 332
- Instructor: STAFF
CHEM& 261 ORGANIC CHEMISTRY I — LAB
1670 LA 0 MW 2:30p.m.-4:20p.m. HSB 329 HERBELIN A

Online class.

CMST& 230 SMALL GROUP COMMUNICATION H
2225 A 5 MW 1:30p.m.-3:45p.m. RCA 220 STAFF
2230 DE 5 ARR ARR ARR GORDON S
Online class.

Communication Studies

CMST 126 COMPETITIVE PUBLIC SPEAKING
2155 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A
Course is clustered with other class sections that meet at the same time, in the same classroom.

CMST 136 INTERCOLLEGIATE DEBATE
2160 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A
Course is clustered with other class sections that meet at the same time, in the same classroom.

CMST 226 COMPETITIVE PUBLIC SPEAKING
2165 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A
Course is clustered with other class sections that meet at the same time, in the same classroom.

CMST 236 INTERCOLLEGIATE DEBATE
2170 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A
Course is clustered with other class sections that meet at the same time, in the same classroom.

CMST& 210 INTERPERSONAL COMMUNICATION H
2185 A 5 TTh 8:30a.m.-10:45a.m. RCA 139 NEILL S
2190 DE 5 ARR ARR ARR NEILL S
Online class.

CMST& 220 PUBLIC SPEAKING H
2195 A 5 TTh 8:30a.m.-10:45a.m. RCA 220 BREHM A
Uses Alternative Educational Resources.
2200 B 5 MW 11:00a.m.-1:15p.m. RCA 220 NEILL S
Uses Alternative Educational Resources.
2205 C 5 MW 8:30a.m.-10:45a.m. RCA 220 NEILL S
Uses Alternative Educational Resources.
2210 DE 5 ARR ARR ARR GORDON S
This is an online course. You will be required to record your speeches in front of an audience you provide. Please contact the instructor for more information.
Online class. Uses Alternative Educational Resources.
2215 DE 5 ARR ARR ARR GORDON S
This is an online course. You will be required to record your speeches in front of an audience you provide. Please contact the instructor for more information.
Online class. Uses Alternative Educational Resources.
2220 DE 5 ARR ARR ARR BREHM A
This is an online course. You will be required to record your speeches in front of an audience you provide. Please contact the instructor for more information.
Online class.

Computer Science

Unless noted otherwise, a computer lab fee is charged for all Computer Science classes.

CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS
2320 A 3 MWF 11:00a.m.-1:50a.m. AAR 110C ROSI D
2325 B 3 TTh 11:00a.m.-1:15p.m. AAR 110C BENNETT S
2330 DE 3 ARR ARR ARR ROSI D
No computer lab fee.
Online class.

CS 170 PROGRAMMING FUNDAMENTALS NS
2345 A 5 MWF 1:00p.m.-2:40p.m. AAR 105 DERKACHT D
Uses Alternative Educational Resources.

CS 270 DATA STRUCTURES I NS
2350 A 5 MWF 3:00p.m.-4:25p.m. AAR 105 DERKACHT D

Cooperative Education

LCC’s Cooperative Education Program enables students to earn college credit through supervised, work-based learning experience.

This program integrates theories, concepts and methods studied in the classroom with practical skills gained in the workplace. Students may earn one credit for every 33 hours of approved work experience. There is a limit of 1-5 credits per quarter, depending upon specific degree requirements. To enroll in a Cooperative Education program, students must have prior permission from an instructor in the appropriate program and the Career Connected Learning Coordinator. For information, contact Brian DelMar at 360.442.2310 or bdelmar@lowercolumbia.edu, or stop by the Career Connected Learning Office, Physical Science Building, Room 102B.

Cooperative Education students must attend a mandatory orientation. Orientations will be held by appointment only. Please contact Brian DelMar to make an appointment.

A $14.30 lab fee will be charged for all 288 classes.

ACCT 288 0870 CMST 288 2175 IT 288 3820
ACCT 289 0875 CMST 289 2180 IT 289 3825
AH 286 0915 CJ 288 1885 LIBR 288 3860
AH 289 0920 CJ 289 1890 LIBR 289 3865
ART 288 1105 ECED 288 2545 MASP 288 3975
ART 289 1110 ECED 289 2550 MASP 289 3980
ARTMC 288 0940 EDUC 288 2645 MATH 288 4260
ARTMC 289 0945 EDUC 289 2650 MATH 289 4265
BUS 288 1710 ENGR 288 3020 MEDA 288 4425
BUS 289 1715 ENGR 289 3025 MEDA 289 4430
BTEC 288 1570 ENVS 288 3055 MUSC 288 4865
BTEC 289 1575 ENVS 289 3060 MUSC 289 4870
CDS 288 1780 HLTH 288 3280 PSYC 288 5375
CDS 289 1785 HLTH 289 3285 PSYC 289 5380
CHEM 288 1795 HDEV 288 3195 WELD 288 5920
CHEM 289 1800 HDEV 289 3200 WELD 289 5925
Criminal Justice

**CJ & 101 INTRODUCTION CRIMINAL JUSTICE**  
1895 A 5 TTh 1:00p.m.-3:15p.m. HSB 105 HAMILTON A

**CJ & 110 CRIMINAL LAW**  
1900 A 5 TTh 10:00a.m.-12:15p.m. AAR 106 QUIRK A

There is a fee of $13.50 per student per quarter for all DHET classes.

**DHET 100 ESSENTIALS OF MECHANICS**  
2355 A 5 MT 10:00a.m.-12:30p.m. DTV 123 WALTHER B

**DHET 141 HYDRAULICS I**  
2385 A 4 MT 8:00a.m.-9:40a.m. DTV 106A WALTHER B  
Course is clustered with other class sections that meet at the same time, in the same classroom.

**DHET 142 HYDRAULICS II**  
2385 A 6 WTh 8:00a.m.-11:20a.m. DTV 123 WALTHER B

**DHET 215 HEAVY DUTY ENGINE PERFORMANCE**  
2395 A 15 MTWTh 12:00p.m.-4:25p.m. DTV 106A DILLINGER J  
Prerequisite: DHET 102 or instructor permission.

**DHET 228 COMMERCIAL DRIVING**  
2405 A 4 ARR ARR DTV 201 DILLINGER J  
Uses Alternative Educational Resources.

**DHET 229 COMMERCIAL TRUCK OPERATION**  
2415 A 6 ARR ARR STAFF

**DHET 299 INDEPENDENT STUDY**  
2430 MM1 1-2 ARR ARR DILLINGER J  
2435 MM2 1-2 ARR ARR WALTHER B  
Online class.  Uses Alternative Educational Resources.

Diesel/Heavy Equipment Technology

You Can Make a Difference!  
Help a student most at risk of abandoning their education due to financial hardship by donating to the  
Student Success Fund.

lowercolumbia.edu/foundation  
or call 360.442.2130 to learn more

**ECED & 100 CHILD CARE BASICS**  
2555 DE 3 ARR ARR ARR JACKSON M  
Online class.

**ECED & 160 CURRICULUM DEVELOPMENT**  
2600 A 5 T 10:00a.m.-11:55a.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.

**ECED & 190 OBSERVATION/ASSESSMENT**  
2610 DE 3 ARR ARR ARR JACKSON M  
Online class.

**ECED & 261 PRACTICUM IV/PRINCIPLES**  
2535 A 3 M 12:00p.m.-12:55p.m. SCI 102 ZBAEREN J  
Prerequisite: ENGL & 101, all ECED & 100-level courses and ECED & 115 with a grade of C or better. Students will arrange additional hours with instructor.  
Hybrid class; partially online.

You Can Make a Difference!  
Help a student most at risk of abandoning their education due to financial hardship by donating to the  
Student Success Fund.

lowercolumbia.edu/foundation  
or call 360.442.2130 to learn more

**DRMA & 101 INTRODUCTION TO THEATRE**  
2515 DE 5 ARR ARR ARR RICHARD B

**DRMA & 106 INTRODUCTION TO ACTING**  
2480 A 5 MWF 1:00p.m.-2:25p.m. RCA 131 RICHARD B  
Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**DRMA & 116 STAGE CRAFTS I**  
2485 A 5 TTh 1:30p.m.-3:45p.m. RCA 148 COCHRAN R  
Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**DRMA & 117 STAGE CRAFTS II**  
2490 A 5 TTh 1:30p.m.-3:45p.m. RCA 148 COCHRAN R  
Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**DRMA & 118 STAGE CRAFTS III**  
2495 A 5 TTh 1:30p.m.-3:45p.m. RCA 148 COCHRAN R  
Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**DRMA & 206 ACTING I**  
2505 A 5 MWF 1:00p.m.-2:25p.m. RCA 131 RICHARD B  
Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**DRMA & 196 REHEARSAL & PERFORMANCE I**  
2500 N 1-5 ARR 4:00p.m.-7:30p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.  Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**DRMA & 296 REHEARSAL & PERFORMANCE IV**  
2510 N 1-5 ARR 4:00p.m.-7:30p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.  Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**EVENING CLASSES**

**DRMA & 196 REHEARSAL & PERFORMANCE I**  
2500 N 1-5 ARR 4:00p.m.-7:30p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.  Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.

**DRMA & 296 REHEARSAL & PERFORMANCE IV**  
2510 N 1-5 ARR 4:00p.m.-7:30p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.  Course is clustered with other class sections that meet at the same time, in the same classroom.  Uses Alternative Educational Resources.
EVENING CLASSES

ECED& 107 HEALTH/SAFETY/NUTRITION

First Aid, CPR, and BBP will be taught during regular class time on November 19, 26 and December 3, 2019.

Hybrid class; partially online.

ECED& 120 PRACTICUM-NURTING RELATIONSHIPS

Hybrid class; partially online.

Earth Science

ERSI 104 INTRODUCTION TO EARTH SCIENCE W/LAB

Lab included. Lab Fee: $15.00
Field trips may be required.

ERSI 105 EARTH SYSTEMS

Online class. Lab included. Ø Uses Alternative Educational Resources.

Economics

ECON 105 INTRODUCTION TO ECONOMICS

Ø Course is clustered with other class sections that meet at the same time, in the same classroom.

ECON& 201 MICRO ECONOMICS

Ø Course is clustered with other class sections that meet at the same time, in the same classroom.

Education

EDUC& 130 GUIDING BEHAVIOR

Online class.

EDUC& 136 SCHOOL AGE CARE

Online class.

EDUC& 205 INTRODUCTION TO EDUCATION W/FIELD EXPERIENCE:DIV D

This class includes participation in actual elementary classrooms in addition to class meeting times.

Hybrid class; partially online.

EDUC& 230 SUPPORTING SOCIAL SKILL DEVELOPMENT

Online class.

Engineering

Unless otherwise noted, a computer lab fee is charged for all Engineering classes.

ENGR 214 STATICS

Prerequisite: MATH& 151 and either PHYS 251 or ENGR 106.

ENGR& 121 ENGINEERING GRAPHICS I

Course is clustered with other class sections that meet at the same time, in the same classroom.

ENGR& 122 ENGINEERING GRAPHICS II

Course is clustered with other class sections that meet at the same time, in the same classroom.

ENGR& 123 ENGINEERING GRAPHICS III

Course is clustered with other class sections that meet at the same time, in the same classroom.

ENGR 205 DESIGN OF LOGIC CIRCUITS

Prerequisite: MATH& 141 or instructor permission.
ENGL 096  READING WORKSHOP I
2710 MM 2  ARR  ARR  ARR  LEACH M

ENGL 097  READING WORKSHOP II
2715 MM 2  ARR  ARR  ARR  LEACH M

ENGL 098  COLLEGE-READY ENGLISH I
2780 A  5  MWF  9:00a.m.-10:25a.m.  AAR 130  HAYNES J
- Course is clustered with other class sections that meet at the same time, in the same classroom.
- Uses Alternative Educational Resources.
- 2730 DE  5  ARR  ARR  ARR  CONNOLLY B
  Online class.

ENGL 099  COLLEGE-READY ENGLISH II
2785 A  5  MWF  9:00a.m.-10:25a.m.  AAR 130  HAYNES J
- Course is clustered with other class sections that meet at the same time, in the same classroom.
- Uses Alternative Educational Resources.
- 2770 DE  5  ARR  ARR  ARR  CONNOLLY B
  Prerequisite: ENGL 098 with a grade of C or better.
  Online class.

ENGL 101 ENGLISH COMPOSITION I
- 2870 B  5  TTh  8:30a.m.-10:45a.m.  AAR 128  TOWER C
- 2875 C  5  TTh  8:30a.m.-10:45a.m.  AAR 102  LEAVENS A
  Uses Alternative Educational Resources.
- 2880 DE  5  ARR  ARR  ARR  MCCARTHY D
  Online class.
- 2885 DE1  5  ARR  ARR  ARR  DIGERLANDO N
  Online class.
- 2890 DE2  5  ARR  ARR  ARR  MCCARTHY D
  Online class.
- 2895 DE3  5  ARR  ARR  ARR  LEMIERE A
  Online class.
- 2860 DE4  5  ARR  ARR  ARR  HEGMANN E
  Online class.
- 2900 DE5  5  ARR  ARR  ARR  WALKER N
  Online class.
- 2905 F  5  MWF  9:00a.m.-10:25a.m.  AAR 106  BAUER H
- 2910 G  5  TTh  9:00a.m.-11:15a.m.  AAR 129  DIGERLANDO N
  Uses Alternative Educational Resources.
- 2915 H  5  TTh  9:00a.m.-11:15a.m.  MAN 204  RISTER M
  Uses Alternative Educational Resources.

ENGL 102 COMPOSITION II
- 2895 C  5  TTh  11:00a.m.-1:15p.m.  AAR 130  HULL K
- 3000 DE5  5  ARR  ARR  ARR  MCCARTHY D
  Online class.

ENGL 106 NW VOICES CREATIVE WRITING
2805 A  2  Th  1:30p.m.-3:10p.m.  MAN 149  BAUER H

ENGL 110 INDUSTRIAL COMMUNICATION
2810 A  5  TTh  1:30p.m.-3:45p.m.  AAR 128  DIGERLANDO N

ENGL 124 ARTS MAGAZINE PUBLICATION I
2820 A  2  F  1:00p.m.-3:40p.m.  AAR 146  LEMIERE A
- Students must arrange one additional hour lab time per week.
- Course is clustered with other class sections that meet at the same time, in the same classroom.
- Uses Alternative Educational Resources.

ENGL 224 ARTS MAGAZINE PUBLICATION IV
2835 A  2  F  1:00p.m.-3:40p.m.  AAR 146  LEMIERE A
- Students must arrange one additional hour lab time per week.
- Course is clustered with other class sections that meet at the same time, in the same classroom.
- Uses Alternative Educational Resources.

ENGL 231 CREATIVE WRITING
2840 A  5  MW  11:00a.m.-1:15p.m.  VOC 111  HULL K
- Course is clustered with other class sections that meet at the same time, in the same classroom.

ENGL 232 CREATIVE WRITING
2845 A  5  MW  11:00a.m.-1:15p.m.  VOC 111  HULL K
- Course is clustered with other class sections that meet at the same time, in the same classroom.

ENGL 270 LITERATURE FOR CHILDREN
2855 DE  5  ARR  ARR  ARR  MCCARTHY D
  Online class.
Fall Events at Lower Columbia College

CONCERTS

Symphonic Band
November 22

Jazz Night
December 3

Choir Concert
December 6

All performances at 7:30 p.m.
Wollenberg Auditorium
lowercolumbia.edu/music

THEATRE

Coming Soon!
Fall Production TBA
Center Stage Theatre

Friday, November 15  7:30 p.m.
Saturday, November 16  7:30 p.m.
Sunday, November 17  2:00 p.m.
Thursday, November 21  7:30 p.m.
Friday, November 22  11:00 a.m.
Friday, November 22  7:30 p.m.
Saturday, November 23  7:30 p.m.
lowercolumbia.edu/theatre

ART GALLERY

Erin Robinson Grant
July 16 - August 21
Reception: August 1, 5-7 p.m.
(First Thursday)
Artist gallery talk at start of event

Kate Ampersand
September 24 - October 17
Reception: October 3, 5-7 p.m.
(First Thursday) Artist in attendance

Art Faculty Exhibit
November 12 - December 5
Reception: Nov. 7, 4-6 p.m.
Closed: November 11, 28, 29
lowercolumbia.edu/gallery

University Center
Bachelor’s and graduate degrees on the LCC campus
Dozens of degree options are available to Lower Columbia area residents through our unique university center collaborative with partner universities. Options include LCC’s new Bachelor of Applied Science in Teacher Education.
lowercolumbia.edu/u-center
360.353.7800
LCC Library Building

Running Start Program
Tuition-free college for high school students

Running Start is a statewide program that lets eligible high school juniors and seniors take college classes tuition-free. Students can attend part- or full-time, and can continue to participate in high school activities such as sports.
lowercolumbia.edu/running-start
360.442.2442
Student Center (second floor)
Bachelor of Applied Science in Teacher Education

LCC will offer a Bachelor of Applied Science in Teacher Education (BAS-TE) beginning fall 2019.

• Offering both certification and non-certification options.
• Certification option offers a dual endorsement in Early Childhood (P-3) and Elementary (K-8) Education.
• Non-certification option provides specialized coursework for working with children and families in early learning settings.
• Combines knowledge earned from previous degrees such as an Associate of Applied Science with upper division (300 and 400 level) Teacher Education courses.
• Will help meet community demand for elementary and pre-kindergarten and early childhood education teachers in the region.
• First degree for LCC at the applied bachelor’s degree level.

There are many benefits of the new program for prospective students.

• Studying close to home saves on expenses related to travel, room and board.
• Staying with LCC through the entire degree and credentialing process reduces stress related to applying to other institutions and transferring credits.
• Going to school in the community where you live and work increases exposure to prospective employers and job opportunities.

Learn more at lowercolumbia.edu/bas-te

NEW! MULTICRAFT TRADES CERTIFICATE

LCC’s newest certificate will prepare you to enter a local apprenticeship, a skilled trade career, or an associate degree program in the industrial trades including manufacturing, diesel/heavy equipment technology, machining, and/or welding.

This certificate is perfect for graduating high school seniors to jump-start a rewarding career! Credits earned in approved high school classes can be applied to this certificate. Financial aid and scholarships are available for qualifying students.

Learn more at lowercolumbia.edu/trades
ENGL—HUM

Lab Fee: $19.30

HIST& 136 US HISTORY 1

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>3215</td>
<td>A</td>
<td>5</td>
<td>TTh</td>
<td>1:00p.m.-3:15p.m.</td>
<td>MAN 235</td>
<td>SHAH C</td>
</tr>
<tr>
<td>3220</td>
<td>A</td>
<td>5</td>
<td>MWF</td>
<td>11:00a.m.-12:25p.m.</td>
<td>MAN 145</td>
<td>SHAH C</td>
</tr>
<tr>
<td>3225</td>
<td>B</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:15a.m.</td>
<td>HSB 105</td>
<td>MAYFIELD S</td>
</tr>
<tr>
<td>3235</td>
<td>DE</td>
<td>5</td>
<td>ARR</td>
<td>ARR</td>
<td>VAUGHN C</td>
<td></td>
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</tbody>
</table>

Online class.

HIST& 137 US HISTORY 2

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
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<th>Instructor</th>
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<tr>
<td>3240</td>
<td>A</td>
<td>5</td>
<td>MW</td>
<td>9:00a.m.-11:15a.m.</td>
<td>PSC 102</td>
<td>MAYFIELD S</td>
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<tr>
<td>3242</td>
<td>B</td>
<td>5</td>
<td>T</td>
<td>12:00p.m.-12:15p.m.</td>
<td>MAN 203</td>
<td>STAFF</td>
</tr>
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</table>

Hybrid class; partially online.

HIST& 134 DE 5 ARR ARR ARR SHAH C

Online class.

HIST& 135 DE1 5 ARR ARR ARR SALZM A

Online class.

Hybrid class; partially online.

HUM 106 COMMUNITY CONVERSATIONS

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3590</td>
<td>A</td>
<td>1</td>
<td>Th</td>
<td>12:00p.m.-12:50p.m.</td>
<td>HSB 101</td>
<td>SHAH C</td>
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</table>

Uses Alternative Educational Resources.

HUM 107 HOW TO SEE A PLAY

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>3595</td>
<td>A</td>
<td>1</td>
<td>ARR</td>
<td>ARR</td>
<td>RICHARD B</td>
<td></td>
</tr>
</tbody>
</table>

Class will meet Thursday, November 14 at 7 p.m. at the Center Stage Theatre.

Hybrid class; partially online.

HUM 116 HUMANITIES I

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>3645</td>
<td>A</td>
<td>5</td>
<td>MWF</td>
<td>1:00p.m.-2:25p.m.</td>
<td>MAN 146</td>
<td>LEACH M</td>
</tr>
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</table>

HUM 150 ETHICS AND POLICY IN HEALTHCARE I

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3600</td>
<td>A</td>
<td>1</td>
<td>M</td>
<td>1:00p.m.-2:55p.m.</td>
<td>HSB 221</td>
<td>HAMER J</td>
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Uses Alternative Educational Resources.

HUM 164 CULTURAL JOURNEYS:DIV

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3605</td>
<td>A</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:15a.m.</td>
<td>HSB 101</td>
<td>DGERLANDO N</td>
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Uses Alternative Educational Resources.

HUM 210 MYTH AND RITES:DIV

<table>
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<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3610</td>
<td>A</td>
<td>5</td>
<td>TTh</td>
<td>1:00p.m.-3:15p.m.</td>
<td>PSC 102</td>
<td>LEACH M</td>
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</table>

HUM 250 ETHICS AND POLICY IN HEALTHCARE II

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
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<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3620</td>
<td>DE</td>
<td>2</td>
<td>ARR</td>
<td>ARR</td>
<td>STAFF K</td>
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Uses Alternative Educational Resources.

HUM 251 ETHICS AND POLICY IN HEALTHCARE III

<table>
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<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
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<tbody>
<tr>
<td>3625</td>
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<td>F</td>
<td>ARR</td>
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Uses Alternative Educational Resources.

HUM 255 ETHICS AND POLICY IN HEALTHCARE

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3630</td>
<td>DE</td>
<td>5</td>
<td>ARR</td>
<td>ARR</td>
<td>NORTON T</td>
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</table>

Uses Alternative Educational Resources.

HUM 260 DE 1-3 ARR ARR ARR NORTON T

Uses Alternative Educational Resources.

HUM 265 DE 1-3 ARR ARR ARR NORTON T

Uses Alternative Educational Resources.

HUM 268 DE 1-3 ARR ARR ARR NORTON T

Uses Alternative Educational Resources.
**Information Technology**

Unless noted otherwise, a computer lab fee is charged for all Information Technology classes.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 100</td>
<td>IT FUNDAMENTALS</td>
<td>3785 A</td>
<td>5</td>
<td>Th</td>
<td>11:00a.m.-12:55p.m.</td>
<td>VOC 119</td>
<td>RIJNHART S</td>
<td></td>
</tr>
<tr>
<td>IT 111</td>
<td>INTRODUCTION TO WINDOWS</td>
<td>3790 A</td>
<td>4</td>
<td>MW</td>
<td>9:00a.m.-11:15a.m.</td>
<td>VOC 116</td>
<td>DERKACHT D</td>
<td></td>
</tr>
<tr>
<td>IT 140</td>
<td>CONFIGURING WINDOWS OPERATING SYSTEMS</td>
<td>3800 A</td>
<td>4</td>
<td>Th</td>
<td>1:30p.m.-3:30p.m.</td>
<td>VOC 119</td>
<td>RIJNHART S</td>
<td></td>
</tr>
<tr>
<td>IT 211</td>
<td>INTRODUCTION TO NETWORKING</td>
<td>3810 A</td>
<td>5</td>
<td>T</td>
<td>1:00p.m.-3:05p.m.</td>
<td>VOC 119</td>
<td>RIJNHART S</td>
<td></td>
</tr>
<tr>
<td>IT 230</td>
<td>DATABASE DEVELOPMENT</td>
<td>3815 A</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-10:55a.m.</td>
<td>AAR 110C</td>
<td>ROSI D</td>
<td></td>
</tr>
<tr>
<td>IT 249</td>
<td>LINUX OPERATING SYSTEMS</td>
<td>3817 A</td>
<td>5</td>
<td>W</td>
<td>9:00a.m.-10:55a.m.</td>
<td>AAR 110C</td>
<td>ROSI D</td>
<td></td>
</tr>
<tr>
<td>IT 294</td>
<td>CAREER SUCCESS</td>
<td>3830 A</td>
<td>2</td>
<td>W</td>
<td>12:00p.m.-12:50p.m.</td>
<td>HSB 107</td>
<td>BENNETT S</td>
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</tr>
</tbody>
</table>

**Machine Trades**

There is a fee of $3.00 per credit per student per quarter for all MASP classes.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASP 107</td>
<td>MACHINING FOR RELATED OCCUPATIONS</td>
<td>3870 A</td>
<td>2-6</td>
<td>DAILY</td>
<td>8:00a.m.-11:00a.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
<td></td>
</tr>
<tr>
<td>MASP 111</td>
<td>MACHINE SHOP I</td>
<td>3880 A</td>
<td>2-10</td>
<td>DAILY</td>
<td>8:00a.m.-11:00a.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
<td></td>
</tr>
<tr>
<td>MASP 112</td>
<td>MACHINE SHOP II</td>
<td>3895 A</td>
<td>2-10</td>
<td>DAILY</td>
<td>8:00a.m.-11:00a.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
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**Evening Classes**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASP 107</td>
<td>MACHINING FOR RELATED OCCUPATIONS</td>
<td>3875 N</td>
<td>2</td>
<td>W</td>
<td>6:00p.m.-9:00p.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
<td></td>
</tr>
<tr>
<td>MASP 111</td>
<td>MACHINE SHOP I</td>
<td>3890 N</td>
<td>2-6</td>
<td>DAILY</td>
<td>6:00p.m.-9:00p.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
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</tr>
<tr>
<td>MASP 112</td>
<td>MACHINE SHOP II</td>
<td>3895 N</td>
<td>2</td>
<td>DAILY</td>
<td>6:00p.m.-9:00p.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
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<tr>
<td>MASP 113</td>
<td>MACHINE SHOP III</td>
<td>3910 A</td>
<td>2-10</td>
<td>DAILY</td>
<td>8:00a.m.-11:00a.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
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<tr>
<td>MASP 204</td>
<td>CNC MACHINING CENTER FUNDAMENTALS</td>
<td>3835 MK 3</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>TODD K</td>
<td></td>
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<tr>
<td>MASP 205</td>
<td>CNC MACHINING CENTER FUNDAMENTALS</td>
<td>3940 MK 3</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>TODD K</td>
<td></td>
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<tr>
<td>MASP 221</td>
<td>CNC MILLING</td>
<td>3845 A</td>
<td>2-10</td>
<td>DAILY</td>
<td>8:00a.m.-11:00a.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
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</tr>
<tr>
<td>MASP 223</td>
<td>ADVANCED CNC PROCESSES</td>
<td>3865 A</td>
<td>2-10</td>
<td>DAILY</td>
<td>8:00a.m.-11:00a.m.</td>
<td>VOC 114</td>
<td>SHEPHERD N</td>
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<tr>
<td>MASP 299</td>
<td>INDEPENDENT STUDY</td>
<td>3865 MM 1-2</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>TODD K</td>
<td></td>
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</table>

**Prerequisites:**
- MASP 221: MASP 204
- MASP 223: MASP 201 or MASP 222
- MASP 113: 10 credits of MASP 112
- MASP 112: 10 credits of MASP 107 and/or MASP 111
Math classes at LCC are offered in three different formats to meet a variety of student needs:

- Standard math classes, where a lecture is presented and homework assigned.
- Online classes.
- Math Achievement Center classes, where students work on their own with the assistance of a tutor and an instructor.

It is very important that students take the Placement Assessment before enrolling in math classes. This test helps to ensure that any prerequisites are met and that students enroll in the proper level of mathematics. The Placement Assessment is given in the Entry Center. Call 360.442.2311 for more information.

Online homework and electronic textbook for all MATH 078/079, 088/089, 098/099, 141, 142, 146, 148, 152, 153, and 210 provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

Please note: All mathematics prerequisites must be met with a grade of C or better. See your advisor or refer to the LCC catalog for more information.

Pre-College Math

Math 078/079 Pre-College Math I — 6 Credits
4015 and 4055 A MWF 8:00 a.m.- 8:50 a.m. MAN 206 BRIEN R
   TTh 8:00 a.m.-10:15 a.m. MAN 206
4030 and 4070 B MWF 10:00 a.m.-10:50 a.m. AAR 102 SKEIE M
   TTh 10:00 a.m.-12:15 p.m. AAR 102
4035 and 4075 C MWF 11:00 a.m.-11:50 a.m. MAN 205 SKEIE T
   TTh 11:00 a.m.-1:15 p.m. MAN 205
M 4025 and 4065 DE ARR ARR ARR MAC
4040 and 4080 E MWF 1:00 p.m.-1:50 p.m. MAN 206 BRIEN R
   TTh 1:00 p.m.-3:15 p.m. MAN 206
M 4050 and 4090 P DAILY ARR MAN 127 MAC

Hybrid class; partially online.

Math 087/089 Essential Pre-College Math II — 6 Credits
4095 and 4160 A MWF 8:00 a.m.-8:50 a.m. MAN 205 SKEIE T
   TTh 8:00 a.m.-10:15 a.m. MAN 205
4100 and 4165 B MWF 11:00 a.m.-11:50 a.m. MAN 233 STAFF
   TTh 11:00 a.m.-1:15 p.m. MAN 233
4105 and 4170 C MWF 1:00 p.m.-1:50 p.m. HSB 104 BREWSTER H
   TTh 1:00 p.m.-3:15 p.m. HSB 104

Math 088/089 Pre-College Math III — 5 Credits
4130 and 4155 A DAILY 8:00 a.m.-8:50 a.m. MAN 203 BABBICK L
4125 and 4150 B MWF 10:30 a.m.-11:55 a.m. MAN 206 MARRISON D
M 4110 and 4135 DE ARR ARR ARR MAC
4120 and 4145 P DAILY ARR MAN 127 MAC

Hybrid class; partially online.

Math 098/099 Pre-College Math III — 5 Credits
4185 and 4205 A MWF 10:30 a.m.-11:55 a.m. AAR 112 SWEE R
4190 and 4210 B MWF 9:00 a.m.-10:25 a.m. MAN 204 BREWSTER H
M 4175 and 4195 DE ARR ARR ARR MAC
4180 and 4200 P DAILY ARR MAN 127 MAC

Hybrid class; partially online.

Math Boot Camp

Save time, money and stress when you attend a Math Boot Camp. You can save up to $573.95 if you test just one class higher! Best of all, it is FREE!

At the boot camp you will:
- Review important math concepts
- Learn test-taking strategies
- Discuss tips to overcoming math anxiety
- Learn about My Math Lab

Registration is required. Register at lowercolumbia.edu/math-boot-camp, or sign up in person at the Testing Office in the Admissions Center.

Single Evening Session
Monday, August 25
5-8 p.m.

Try out our FREE online math placement prep course created by our LCC faculty
YouPrep reviews whole numbers, integers, decimals, fractions, linear equations and graphs, systems of equations, factoring, quadratics, radicals, and rationals. YouPrep users who achieve at least 3 hours of online practice will receive a 3rd retest!

Sign up for an account today at lowercolumbia.edu/YouPrep or call 360.442.2353
**College-Level Math**

**MATH 106 INDUSTRIAL MATH**
4215 A  5 MWF  1:30p.m.-2:55p.m.  AAR 102  SKEIE M

**MATH 107 MATH IN SOCIETY**
4285 A  5 DAILY  9:00a.m.-9:50a.m.  HSB 107  SWEE R
Prerequisite: MATH 099 with a grade of C or better.

4290 B  5 TTh  1:30p.m.-3:45p.m.  MAN 147  SAMUELS S
Prerequisite: MATH 099 with a grade of C or better.

4295 DE  5 ARR  ARR  BENJAMIN B
Prerequisite: MATH 099 with a grade of C or better.
Online class. Uses Alternative Educational Resources.

**MATH 125 APPLIED COLLEGE ALGEBRA**
4225 A  5 MWF  9:00a.m.-10:50a.m.  MAN 206  SAMUELS S

**MATH 131 MATH FOR ELEMENTARY EDUCATION 1**
4300 A  5 MWF  9:00a.m.-10:50a.m.  MAN 206  SAMUELS S

**MATH 141 PRECALCULUS I**
4305 A  5 MWF  9:00a.m.-10:25a.m.  PSC 104  HEBERT M
4310 B  5 MWF  10:30a.m.-11:55a.m.  MAN 204  BREWSTER H
4315 C  5 MWF  1:30p.m.-2:55p.m.  MAN 204  BENJAMIN B

**MATH 142 PRE-CALCULUS II**
4320 A  5 DAILY  11:30a.m.-12:20p.m.  MAN 234  MALOZZI J

**MATH 146 INTRODUCTION TO STATISTICS**
4230 A  5 DAILY  8:00a.m.-6:50a.m.  HSB 107  SWEE R
4235 B  5 MWF  1:30p.m.-3:45p.m.  MAN 233  MALOZZI J
4240 DE  5 ARR  ARR  HEBERT M
Online class.

4245 DE1  5 ARR  ARR  MALOZZI J
Online class.

**MATH 151 CALCULUS I**
4325 A  5 DAILY  11:30a.m.-12:20p.m.  PSC 104  DRAUS D
4335 B  5 DAILY  10:00a.m.-10:50a.m.  HSB 107  MALOZZI J

**MATH 246 PROBABILITY AND STATISTICS**
4250 DE  5 ARR  ARR  HEBERT M
Online class.

**MATH 254 CALCULUS IV**
4350 A  5 MWF  12:30p.m.-1:55p.m.  PSC 104  DRAUS D

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**EVENING CLASSES**

**MATH 088/089 PRE-COLLEGE MATH II — 5 Credits**
4115 and 4140 N  TTh  5:15p.m.-7:30p.m.  AAR 102  SKEIE M

---

**Medical Assisting**

**MEDA 101 MEDICAL VOCABULARY I**
4355 A  3 MW  1:30p.m.-2:45p.m.  HSB 244  ENGEL E

**MEDA 120 SURVEY OF ANATOMY AND PHYSIOLOGY**
4370 A  5 TTh  8:30a.m.-10:45a.m.  HSB 244  SOLADEY V

**MEDA 122 LAW & ETHICS FOR THE MEDICAL OFFICE**
4380 A  3 MW  3:30p.m.-4:45p.m.  HSB 244  ENGEL E

**MEDA 161 EXAMINING ROOM PROCEDURES I**
4390 A  4 M  8:30a.m.-11:00a.m.  HSB 244  SOLADEY V
Program Director’s permission required to enroll. Students must also enroll for one of the lab sections, MEDA 161 LA or LB.
Lab Fee: $37.00

**MEDA 161 EXAMINING ROOM PROCEDURES I—LAB**
4400 LA  0 W  8:30a.m.-10:10a.m.  HSB 244  SOLADEY V
4405 LB  0 W  10:30a.m.-12:10p.m.  HSB 244  SOLADEY V

**MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTING**
4420 DEM  2 ARR  ARR  SOLADEY V
Online class.

**MEDA 298 SPECIAL TOPICS IN MEDICAL ASSISTING**
4422 MM  1 ARR  ARR  ENGEL E
Instructor permission required to enroll.

---

**Music**

**MUSC 100 FUNDAMENTALS OF MUSIC**
4520 A  5 Th  11:00a.m.-1:15p.m.  RCA 102  DAVIS R
Hybrid class; partially online. Uses Alternative Educational Resources.

**MUSC &105 MUSIC APPRECIATION**
4875 DE  5 ARR  ARR  CHALLED G
Online class. Uses Alternative Educational Resources.

**MUSC 106 KEYBOARD SKILLS I**
4530 A  1 Th  1:00p.m.-2:30p.m.  RCA 221  DAVIS R
Instructor permission required to enroll.
Hybrid class; partially online. Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 107 KEYBOARD SKILLS II**
4535 A  1 Th  1:00p.m.-2:30p.m.  RCA 221  DAVIS R
Instructor permission required to enroll.
Hybrid class; partially online. Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 108 KEYBOARD SKILLS III**
4540 A  1 Th  1:00p.m.-2:30p.m.  RCA 221  DAVIS R
Instructor permission required to enroll.
Hybrid class; partially online. Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 111 EAR TRAINING I**
4545 A  1 MW  11:25a.m.-11:50a.m.  RCA 218  DAVIS R

**MUSC 115 GROUP PIANO INSTRUCTION**
4550 A  2 Th  1:00p.m.-2:30p.m.  RCA 221  DAVIS R
Hybrid class; partially online. Course is clustered with other class sections that meet at the same time, in the same classroom.

---

**Host an International Student!**
If you have a spare room and an open heart, you can provide a home away from home for an international student in our community. As a host, you’ll provide room and board and friendship for a student studying at LCC. You’ll learn about different cultures while sharing a slice of your American life. Host families come in all shapes and sizes and receive a monthly stipend. For more information, visit lowercolumbia.edu/international or email international@lowercolumbia.edu
Uses Alternative Educational Resources.

Uses Alternative Educational Resources.

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**Nursing**

The Lower Columbia College Nursing Program is committed to providing excellence in nursing education that encompasses critical thinking, competencies in the role of provider of care, manager of care and member of the profession of nursing, with an emphasis on life-long learning. Nursing is a demanding and rewarding profession that requires strong communication skills, excellent problem-solving abilities, focused concentration when performing a task, attention to detail, the ability to work well with others, and extensive knowledge of the sciences.

Students interested in a nursing career can find information about LCC’s nursing programs at lowercolumbia.edu/programs. Students who have been admitted to the nursing program should contact their advisor for course and registration information.

**Nursing Assistant (NURS 090)** is an 8-credit course that provides students the content and experience to give basic nursing care to patients under the supervision of a licensed nurse. Contact Leszek Cromwell at 360.442.2425 or Jill Yates at 360.442.2584 for course information and to register.

This course schedule conflicts with scheduled science labs; do not register for this course and any other courses that require face-to-face labs during the same quarter. Attendance is required for both this course and science labs, and it is not possible to attend both.

**Oceanography**

**Philosophy**

**Physical Education**

A $8.10 fee is charged for each Physical Education class.
<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>PHED 146</td>
<td>APPLIED SOFTBALL I</td>
<td>5160 A</td>
<td>1</td>
<td>DAILY</td>
<td>ARR</td>
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<td>FULLER T</td>
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<tr>
<td>PHED 149</td>
<td>WOMEN'S APPLIED SOCCER I</td>
<td>5165 A</td>
<td>2</td>
<td>MTTWh</td>
<td>ARR</td>
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<td>GYM 211</td>
<td>VOGEL B</td>
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<tr>
<td>PHED 152</td>
<td>PERSONALIZED FITNESS</td>
<td>5170 DE 1-2</td>
<td>ARR</td>
<td>ARR</td>
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<td></td>
<td>ARR</td>
<td>ROSS E</td>
</tr>
<tr>
<td>PHED 167</td>
<td>APPLIED VOLLEYBALL I</td>
<td>5185 A</td>
<td>2</td>
<td>DAILY</td>
<td>ARR</td>
<td></td>
<td>GYM 212</td>
<td>SMITH C</td>
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<tr>
<td>PHED 204</td>
<td>INTERMEDIATE PILATES &amp; STRETCH</td>
<td>5190 A</td>
<td>1</td>
<td>TTh</td>
<td>11:00a.m.-11:50a.m.</td>
<td>GYM 210</td>
<td>SKERBECK C</td>
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<tr>
<td>PHED 220</td>
<td>CROSS TRAINING</td>
<td>5200 A</td>
<td>2</td>
<td>MW</td>
<td>10:00a.m.-10:50a.m.</td>
<td>GYM 113</td>
<td>ROSS E</td>
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<tr>
<td>PHED 249</td>
<td>APPLIED SOCCER-WOMEN</td>
<td>5230 A</td>
<td>2</td>
<td>MTTWh</td>
<td>ARR</td>
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<td>GYM 211</td>
<td>VOGEL B</td>
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<tr>
<td>PHED 252</td>
<td>PERSONALIZED FITNESS</td>
<td>5237 DE 1-2</td>
<td>ARR</td>
<td>ARR</td>
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<td>ARR</td>
<td>ROSS E</td>
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<tr>
<td>PHED 267</td>
<td>APPLIED VOLLEYBALL</td>
<td>5245 A</td>
<td>2</td>
<td>DAILY</td>
<td>ARR</td>
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<td>GYM 212</td>
<td>SMITH C</td>
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<tr>
<td>PHED 285</td>
<td>FITNESS MARKETING</td>
<td>5250 A</td>
<td>3</td>
<td>MW</td>
<td>1:00p.m.-2:15p.m.</td>
<td>GYM 211</td>
<td>MC MULLAN E</td>
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**Courses Information**

**PHYS 114 GENERAL PHYSICS I**
- Item# 5285 A
- Sec. 5
- Cred. 5
- Days MWF
- Time 8:00a.m.-8:50a.m.
- Place HSB 137
- Instructor LIVINS P
- Lab Fee: $15.00

**PHYS 114 GENERAL PHYSICS I—LAB**
- Item# 5290 A
- Sec. 0
- Cred. 0
- Days T
- Time 9:00a.m.-9:50a.m.
- Place HSB 137
- Instructor LIVINS P

**PHYS 211 ENGINEERING PHYSICS I**
- Item# 5305 A
- Sec. 5
- Cred. 5
- Days MWF
- Time 10:00a.m.-11:15a.m.
- Place HSB 137
- Instructor LIVINS P

**PHYS 221 ENGINEERING PHYSICS I—LAB**
- Item# 5310 LA
- Sec. 0
- Cred. 0
- Days T
- Time 1:00p.m.-2:50p.m.
- Place HSB 137
- Instructor LIVINS P

**POLS 101 INTRODUCTION TO POLITICAL SCIENCE**
- Item# 5335 A
- Sec. 5
- Cred. 5
- Days MW
- Time 8:30a.m.-10:45a.m.
- Place MAN 234
- Instructor MOSSER J
- Uses Alternative Educational Resources.

**POLS 202 AMERICAN GOVERNMENT**
- Item# 5340 A
- Sec. 5
- Cred. 5
- Days MW
- Time 1:00p.m.-3:15p.m.
- Place MAN 205
- Instructor MOSSER J
- Uses Alternative Educational Resources.

**EVENING CLASSES**

<table>
<thead>
<tr>
<th>PHSC 109</th>
<th>ENERGY AND MATTER</th>
<th>NSL</th>
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<tbody>
<tr>
<td>Item# 5275 N</td>
<td>Sec. 5</td>
<td>Cred. 5</td>
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<tr>
<td>Days TTh</td>
<td>Time 5:15p.m.-7:45p.m.</td>
<td>Place HSB 135</td>
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<tr>
<td>Lab included. Lab Fee: $15.00</td>
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<td>PRINCEHOUSE</td>
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<tr>
<td>Course #</td>
<td>Course Name</td>
<td>Item#</td>
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</tr>
<tr>
<td>PMFG 150</td>
<td>ELECTRICAL AND ELECTRONIC FUNDAMENTALS</td>
<td>5325</td>
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<tr>
<td>PMFG 151</td>
<td>PROCESS CONTROL EQUIPMENT</td>
<td>5330</td>
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### Process Manufacturing

#### Psychology

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>PSYC 100</td>
<td>GENERAL PSYCHOLOGY</td>
<td>5395</td>
<td>A</td>
<td>2</td>
<td>AT</td>
<td>12:30p.m.-1:30p.m.</td>
<td>HSB 222A</td>
<td>NORTON T</td>
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<table>
<thead>
<tr>
<th>Course #</th>
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<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>PSYC 150</td>
<td>PSYCHOSOCIAL ISSUES IN HEALTH CARE I</td>
<td>5385</td>
<td>A</td>
<td>5</td>
<td>MW</td>
<td>8:30a.m.-9:45a.m.</td>
<td>MAN 235</td>
<td>WEAVER N</td>
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</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>PSYC 200</td>
<td>LIFESPAN PSYCHOLOGY</td>
<td>5420</td>
<td>A</td>
<td>5</td>
<td>MW</td>
<td>8:30a.m.-9:45a.m.</td>
<td>MAN 233</td>
<td>STRAYER M</td>
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<th>Cred.#</th>
<th>Days</th>
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<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>PSYC 250</td>
<td>PSYCHOSOCIAL ISSUES IN HEALTH CARE II</td>
<td>5365</td>
<td>A</td>
<td>3</td>
<td>TTh</td>
<td>12:30p.m.-2:55p.m.</td>
<td>HSB 248</td>
<td>NORTON T</td>
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</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>PSYC 255</td>
<td>PSYCHOSOCIAL ISSUES IN HEALTH CARE</td>
<td>5370</td>
<td>DE1</td>
<td>5</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR ARR</td>
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<td>TUCKER J</td>
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</table>

### Evening Classes

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>GENERAL PSYCHOLOGY</td>
<td>5415</td>
<td>N</td>
<td>5</td>
<td>T</td>
<td>5:30p.m.-7:45p.m.</td>
<td>HSB 105</td>
<td>TUCKER J</td>
</tr>
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</table>

### Sociology

<table>
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<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>INTRODUCTION TO SOCIOLOGY:DIV</td>
<td>5435</td>
<td>A</td>
<td>5</td>
<td>MTh</td>
<td>12:30p.m.-2:55p.m.</td>
<td>HSB 248</td>
<td>NORTON T</td>
</tr>
</tbody>
</table>

### Spanish

All DE sections are online, using Vistas and email communication with the instructor. A Distance Education fee will be charged.

After registering, students must contact Alex Emerson at aemerson@lowercolumbia.edu.

All sections of SPAN& 121, 122 and 123 satisfy the Diversity requirement.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>SPAN 121</td>
<td>SPANISH I:DIV</td>
<td>5450</td>
<td>A</td>
<td>5</td>
<td>MW</td>
<td>8:00a.m.-9:20a.m.</td>
<td>MAN 234</td>
<td>WEAVER N</td>
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</table>

### Technology

<table>
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<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>TECH 100</td>
<td>ADVANCED PRINCIPLE/TECHNOLOGY</td>
<td>6430</td>
<td>A</td>
<td>5</td>
<td>TTh</td>
<td>1:30p.m.-3:45p.m.</td>
<td>VOC 115</td>
<td>GERICK J</td>
</tr>
</tbody>
</table>
A $12.50 per-credit fee to a maximum of $125.00 is charged for each welding class. Students will arrange class schedule with instructor on first day of the quarter.

**WELD 060** WABO EXAM PREPARATION
5560 MM1-6  ARR  ARR  VOC 161  BYRUM/PITTSLEY

**WELD 105** RELATED WELDING I
Note: This course may be taken for 2-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5660 A 2-6  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5670 B 2-6  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 125** OFW-A OXY/ACETYLENE RG45
Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5695 A 1-6  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5705 B 1-6  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 131** SMAW-STICK WELD W/E7018
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5825 A 1-10  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5835 B 1-10  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 132** SMAW-STICK WELD W/E6010
Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5730 A 1-10  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5740 B 1-10  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 133** ADV SMAW-STICK-WABO
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5890 A 1-10  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5900 B 1-10  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 241** FCAW-G D/S WIRE W/E71T-1
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5760 A 1-10  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5770 B 1-10  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 242** ADV FCAW-G WIRE WABO
Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5795 A 1-6  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5805 B 1-6  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 255** GTAW-TIG WELD W/ER70S-6
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5860 A 1-10  DAILY  8:00a.m.-11:00a.m.  VOC 161  PITTSLEY/BYRUM
5870 B 1-10  DAILY  1:00p.m.-4:00p.m.  VOC 161  BYRUM/PITTSLEY

**WELD 299** INDEPENDENT STUDY
5930 A 1-10  RR  ARR  ARR  WELD FACULTY
Instructor permission required to enroll.

**WELD 105** RELATED WELDING I
Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5680 NA 2-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

**WELD 125** OFW-A OXY/ACETYLENE RG45
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5715 NA 1-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

**WELD 131** SMAW-STICK WELD W/E7018
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5845 NA 1-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

**WELD 132** SMAW-STICK WELD W/E6010
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5745 NA 1-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

**WELD 133** ADV SMAW-STICK-WABO
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5905 NA 1-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

**WELD 241** FCAW-G D/S WIRE W/E71T-1
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5780 NA 1-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

**WELD 242** ADV FCAW-G WIRE WABO
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5810 NA 1-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

**WELD 255** GTAW-TIG WELD W/ER70S-6
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Course is clustered with other class sections that meet at the same time, in the same classroom.
5875 NA 1-6  TWTh  6:00p.m.-9:00p.m.  VOC 161  MILLER R

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**LCC Students, are you aware of the benefits of carrying a current LCC Student ID card?**

- Access to the LCC Food Pantry, Food For Thought
- Ride the bus for free
- Participation in campus events and activities
- Check out materials from the LCC Library
- Discounts from select local businesses

**Pick up or renew your LCC Student ID at the Bookstore during normal business hours!**
Do you need financial help beyond traditional financial aid? We may be able to help.

- **Free transportation!** Students can ride for free on any RiverCities transit bus. Just show your ID card when boarding. Bus #32 stops in front of the Student Center every hour.

- LCC's **Food for Thought Food Pantry** is located on the second floor of the Student Center. Hours are 10 a.m. – 2 p.m., Monday through Thursday. All you need is your ID and current class schedule. Non-perishable grocery items, grab-and-go snacks, and personal care items are available.

- **Basic Food, Employment & Training (BFET)** can assist students with basic food benefits and childcare. Offered in partnership with the Department of Social & Health Services (DSHS), LCC’s BFET Office is located in the Career & Employment Services Center in the Admissions Building.

- The **Workfirst Program** is offered in partnership with the Department of Social and Health Services (DSHS), and can help with expenses related to tuition and fees, childcare, transportation and more. LCC’s Workfirst offices are located in the Admissions Center, ADC 140.

- **Worker Retraining** helps qualified dislocated and unemployed workers get additional training or start a new career, and can assist with tuition and fees, living expenses, etc. Learn more in the Career & Employment Services Center in the Admissions Building.

- The **Opportunity Grant Program** can help unemployed or underemployed adults seeking a certificate or degree in a high demand field with college expenses including tuition and fees, books, and/or tools. Learn more in the Career & Employment Services Center in the Admissions Building.

- The **Passport to College Promise Program** helps eligible students from the foster care system by providing quarterly grants of up to $1,500. Learn more about services for foster youth in the Career & Employment Services Center in the Admissions Building.

lowercolumbia.edu/student-financial-help
Transitional Studies offers continuous enrollment in adult education courses designed to prepare you for college-level studies or help you earn your high school diploma.

### ABE ENGLISH

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABE 071 A-C (US HISTORY)</td>
<td>5</td>
<td>Daily</td>
<td>9:00a.m.-9:50a.m.</td>
<td>VOC 156A</td>
<td>Yarbrough-Hall S</td>
<td></td>
</tr>
<tr>
<td>ABE 091 C-E (ENGLISH, WA STATE HISTORY, FINE ARTS)</td>
<td>5</td>
<td>Daily</td>
<td>9:00a.m.-9:50a.m.</td>
<td>VOC 156</td>
<td>Graham C</td>
<td></td>
</tr>
<tr>
<td>ABE 091 INTEGRATED C-E (ENGLISH, CWH) HYBRID</td>
<td>5</td>
<td>Daily</td>
<td>9:00a.m.-9:50a.m.</td>
<td>AAR 101</td>
<td>Yarbrough-Hall S</td>
<td></td>
</tr>
<tr>
<td>ABE 091 INTEGRATED C-E (ENGLISH, GOVERNMENT) HYBRID</td>
<td>5</td>
<td>TTh</td>
<td>10:00a.m.-10:50a.m.</td>
<td>VOC 153</td>
<td>Bent S</td>
<td></td>
</tr>
<tr>
<td>ABE 091 ENGLISH C-E (ENGLISH, OCCUPATIONAL ED., HEALTH/PE, FINE ARTS)</td>
<td>5</td>
<td>Daily</td>
<td>10:00a.m.-11:50a.m.</td>
<td>VOC 154</td>
<td>Watts M</td>
<td></td>
</tr>
<tr>
<td>ABE 091 ENGLISH C-E (ENGLISH, SCIENCE, LAB SCIENCE, CWH)</td>
<td>5</td>
<td>TTh</td>
<td>11:00a.m.-11:50a.m.</td>
<td>VOC 153</td>
<td>Graham C</td>
<td></td>
</tr>
<tr>
<td>ABE 091 PRE-COLLEGE ENGLISH C-E (ENGLISH)</td>
<td>6</td>
<td>MWF</td>
<td>11:00a.m.-12:40p.m.</td>
<td>AAR 101</td>
<td>Yarbrough-Hall S</td>
<td></td>
</tr>
<tr>
<td>ABE 091 ENGLISH A-E (ENGLISH, SCIENCE, LAB SCIENCE, CWH)</td>
<td>5</td>
<td>Daily</td>
<td>1:00p.m.-1:50p.m.</td>
<td>VOC 156</td>
<td>Sharp J</td>
<td></td>
</tr>
<tr>
<td>ABE 091 ENGLISH A-E TECHNOLOGY FOR COLLEGE AND CAREER (OCCUPATIONAL ED.) HYBRID</td>
<td>5</td>
<td>TTh</td>
<td>1:00p.m.-1:50p.m.</td>
<td>VOC 156</td>
<td>Sharp J</td>
<td></td>
</tr>
<tr>
<td>ABE 091 INTEGRATED C-E (ENGLISH, MATH, GED) HYBRID</td>
<td>5</td>
<td>TTh</td>
<td>12:00p.m.-12:50p.m.</td>
<td>AAR 101</td>
<td>Al Bassam S</td>
<td></td>
</tr>
<tr>
<td>ABE 093 INTEGRATED C-E (ENGLISH, MATH, GED) HYBRID</td>
<td>5</td>
<td>M-Th</td>
<td>5:00p.m.-5:50p.m.</td>
<td>AAR 101</td>
<td>Schultz L</td>
<td></td>
</tr>
<tr>
<td>ABE 093 ENGLISH INTEGRATED C-E FAST TRACK (GED, ENGLISH, MATH, FINE ARTS, US HISTORY, GOVERNMENT, ELECTIVES) HYBRID</td>
<td>15</td>
<td>M-Th</td>
<td>6:00p.m.-8:50p.m.</td>
<td>AAR 101</td>
<td>Schultz L</td>
<td></td>
</tr>
<tr>
<td>ABE 093 INTEGRATED C-E (PORTFOLIO) HYBRID</td>
<td>7.2</td>
<td>TW</td>
<td>6:00p.m.-9:00p.m.</td>
<td>T Woodland / W VOC 156A</td>
<td>Bent S</td>
<td></td>
</tr>
</tbody>
</table>

### ABE MATH

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABE 072 A-C</td>
<td>5</td>
<td>Daily</td>
<td>10:00a.m.-10:50a.m.</td>
<td>VOC 156A</td>
<td>Yarbrough-Hall S</td>
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<tr>
<td>ABE 062 C</td>
<td>5</td>
<td>Daily</td>
<td>10:00a.m.-10:50a.m.</td>
<td>VOC 156</td>
<td>Graham C</td>
<td></td>
</tr>
<tr>
<td>ABE 072 C (ELECTIVES)</td>
<td>5</td>
<td>Daily</td>
<td>11:00a.m.-11:50a.m.</td>
<td>VOC 154</td>
<td>Watts M</td>
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<tr>
<td>ABE 082 MATH D (MATH)</td>
<td>5</td>
<td>Daily</td>
<td>1:00p.m.-1:50p.m.</td>
<td>VOC 154</td>
<td>Sung J</td>
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<tr>
<td>ABE 072 B-C HYBRID</td>
<td>5</td>
<td>Daily</td>
<td>2:00p.m.-2:50p.m.</td>
<td>VOC 157</td>
<td>Watts M</td>
<td></td>
</tr>
<tr>
<td>ABE 072 MATH A-C</td>
<td>5</td>
<td>Daily</td>
<td>2:00p.m.-2:50p.m.</td>
<td>VOC 154</td>
<td>Sung J</td>
<td></td>
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<tr>
<td>ABE 072 MATH A-C</td>
<td>5</td>
<td>Daily</td>
<td>6:00p.m.-7:00p.m.</td>
<td>VOC 154</td>
<td>Sung J</td>
<td></td>
</tr>
<tr>
<td>ABE 082 MATH D (MATH)</td>
<td>5</td>
<td>Daily</td>
<td>6:00p.m.-7:00p.m.</td>
<td>VOC 156</td>
<td>Staff</td>
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<tr>
<td>ABE 092 MATH D-E (MATH) HYBRID</td>
<td>5</td>
<td>MW</td>
<td>7:00p.m.-9:00p.m.</td>
<td>VOC 153</td>
<td>Schultz J</td>
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</table>

### ENGLISH AS A SECOND LANGUAGE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL 051 A</td>
<td>11</td>
<td>Daily</td>
<td>9:00a.m.-10:50a.m.</td>
<td>VOC 157</td>
<td>Maslennikova I</td>
<td></td>
</tr>
<tr>
<td>ESL 071 B-C (WA STATE HISTORY, FINE ARTS)</td>
<td>11</td>
<td>Daily</td>
<td>9:00a.m.-10:50a.m.</td>
<td>VOC 157</td>
<td>Hearn F</td>
<td></td>
</tr>
<tr>
<td>ESL 051 A-C</td>
<td>5</td>
<td>Daily</td>
<td>11:00a.m.-11:50a.m.</td>
<td>VOC 157</td>
<td>Moreno C</td>
<td></td>
</tr>
<tr>
<td>ESL 071 B-C SPEAKING AND LISTENING</td>
<td>5</td>
<td>Daily</td>
<td>11:00a.m.-11:50a.m.</td>
<td>VOC 157</td>
<td>Hearn F</td>
<td></td>
</tr>
<tr>
<td>ABE 092 MATH FOR ENGLISH LANGUAGE LEARNERS A-E (MATH)</td>
<td>5</td>
<td>Daily</td>
<td>11:00a.m.-11:50a.m.</td>
<td>VOC 157</td>
<td>Maslennikova I</td>
<td></td>
</tr>
<tr>
<td>ABE 071 ESL B-C GRAMMAR</td>
<td>3</td>
<td>MWF</td>
<td>1:00p.m.-1:50p.m.</td>
<td>SCI 107</td>
<td>Hearn F</td>
<td></td>
</tr>
<tr>
<td>ESL 051 A</td>
<td>7.2</td>
<td>MW</td>
<td>6:00p.m.-9:00p.m.</td>
<td>VOC 157</td>
<td>Roll L</td>
<td></td>
</tr>
<tr>
<td>ESL 071 ESL B-C (WA STATE HISTORY, FINE ARTS)</td>
<td>7.2</td>
<td>MW</td>
<td>6:00p.m.-9:00p.m.</td>
<td>VOC 157</td>
<td>Elliott A</td>
<td></td>
</tr>
<tr>
<td>ESL 051 A</td>
<td>7.2</td>
<td>MW</td>
<td>6:00p.m.-9:00p.m.</td>
<td>Woodland Primary</td>
<td>Moreno C</td>
<td></td>
</tr>
<tr>
<td>ESL 071 B-C (WA STATE HISTORY, FINE ARTS)</td>
<td>7.2</td>
<td>MW</td>
<td>6:00p.m.-9:00p.m.</td>
<td>Woodland Primary</td>
<td>Yarbrough-Hall S</td>
<td></td>
</tr>
</tbody>
</table>

Classes are $25 per quarter and students may enroll at any time.
For more information call 360.442.2580.
I-BEST PUTS STUDENTS ON FAST TRACK TO CAREER & STUDENT SUCCESS

Integrated Basic Education & Skills Training (I-BEST) is a proven program for student success. I-BEST students have double the certificate/degree completion rate, a result of hands-on training combined with twice the support and instruction to help students excel. I-BEST faculty and professional/technical faculty work together in the classroom in a team teaching partnership and I-BEST instructors are available for up to five hours or more each week to assist students in an academic support classroom where instruction is targeted to classroom studies. College credits earned can be applied toward two year Associate degrees in eight high demand career fields.

Business Management  
Prepares graduates for entry-level employment in a variety of business support positions. Students in Retail Management develop an understanding of the scope and requirements of a management position in a retail business. Credits for both can be applied toward the AAS in Business Management.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 101</td>
<td>Introduction to Accounting Concepts</td>
</tr>
<tr>
<td>BUS 101</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>BUS 104</td>
<td>Business Math Applications</td>
</tr>
<tr>
<td>BUS 119</td>
<td>Business Communications</td>
</tr>
<tr>
<td>BUS 144</td>
<td>Management of Human Relations:DIV</td>
</tr>
</tbody>
</table>

Business Technology  
Prepares graduates to work in an office setting. Credits can be applied toward two year AAS degrees.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTEC 104</td>
<td>Introduction to Business Technology</td>
</tr>
<tr>
<td>BTEC 111</td>
<td>Word Processing I</td>
</tr>
<tr>
<td>BTEC 131</td>
<td>Introduction to Spreadsheets</td>
</tr>
<tr>
<td>BTEC 148</td>
<td>Introduction to Outlook</td>
</tr>
<tr>
<td>BTEC 171</td>
<td>Medical Reception Procedures</td>
</tr>
<tr>
<td>BUS 100</td>
<td>Foundations of Business Success</td>
</tr>
<tr>
<td>IT 111</td>
<td>Introduction to Windows</td>
</tr>
</tbody>
</table>

Diesel/Heavy Equipment Technology  
Prepares graduates for careers in any industry that utilizes trucks, excavators, bulldozers, other heavy equipment, or industrial equipment using diesel power and hydraulic devices. Graduates find work with truck and heavy equipment dealers, railroads, marine operations, industrial maintenance, auto, and RV repair.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHET 100</td>
<td>Essentials of Mechanics</td>
</tr>
<tr>
<td>DHET 141</td>
<td>Hydraulics I</td>
</tr>
<tr>
<td>DHET 142</td>
<td>Hydraulics II</td>
</tr>
</tbody>
</table>

Early Childhood Education  
Prepares graduates to work in preschool and childcare programs as early childhood education teachers and includes hands on training in the Home and Family Life Center.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECED 107</td>
<td>Health/Safety/Nutrition</td>
</tr>
<tr>
<td>ECED 120</td>
<td>Practicum-Nurturing Relationships</td>
</tr>
<tr>
<td>ECED 160</td>
<td>Curriculum Development</td>
</tr>
<tr>
<td>ECED 190</td>
<td>Observation/Assessment</td>
</tr>
<tr>
<td>EDUC 115</td>
<td>Child Development</td>
</tr>
<tr>
<td>EDUC 130</td>
<td>Guiding Behavior</td>
</tr>
</tbody>
</table>

Health Occupations/Nursing Assistant  
LCC’s Nursing Assistant program provides the content and experience to prepare students to take the State of Washington Nursing Assistant certification exam.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 090</td>
<td>Nursing Assistant</td>
</tr>
</tbody>
</table>

Machine Trades  
Prepares graduates for a job as a machinist, millwright, machine operator, tool and die maker, and occupations related to manufacturing.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASP 111</td>
<td>Machine Shop I</td>
</tr>
<tr>
<td>MASP 112</td>
<td>Machine Shop II</td>
</tr>
<tr>
<td>MASP 113</td>
<td>Machine Shop III</td>
</tr>
<tr>
<td>MFG 100</td>
<td>Foundational Skills for the Trades</td>
</tr>
</tbody>
</table>

Medical Assistant  
Students develop knowledge and skills necessary for employment in clinical and administrative support areas of medical clinics.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 110</td>
<td>Microcomputer Applications</td>
</tr>
<tr>
<td>MEDA 101</td>
<td>Medical Vocabulary I</td>
</tr>
<tr>
<td>MEDA 120</td>
<td>Survey of Human Anatomy &amp; Physiology</td>
</tr>
<tr>
<td>MEDA 122</td>
<td>Law &amp; Ethics for the Medical Office</td>
</tr>
<tr>
<td>MEDA 161</td>
<td>Examining Room Procedures I</td>
</tr>
</tbody>
</table>

Multicraft Trades  
Will prepare students to enter a local apprenticeship, a skilled trade career, or an associate degree program in industrial trades including manufacturing, diesel/heavy equipment technology, machining, and/or welding.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 110</td>
<td>Industrial Communication</td>
</tr>
<tr>
<td>MFG 100</td>
<td>Foundational Skills for the Trades</td>
</tr>
<tr>
<td>MFG 115</td>
<td>Manufacturing Process</td>
</tr>
<tr>
<td>MATH 106</td>
<td>Industrial Mathematics</td>
</tr>
</tbody>
</table>

Welding  
Prepares graduates for the state commercial welding examination or qualify for welding jobs in manufacturing, maintenance, or instruction.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFG 100</td>
<td>Foundational Skills for the Trades</td>
</tr>
<tr>
<td>WELD 125</td>
<td>OFW-A - Oxy/Acetylene Welding with RG45</td>
</tr>
<tr>
<td>WELD 131</td>
<td>SMAW - Stick Welding with E7018</td>
</tr>
<tr>
<td>WELD 241</td>
<td>FCAW-G - Shield Wire Feed Welding with E71T-1</td>
</tr>
</tbody>
</table>

Program Specialist Jill Yates will help each student register for the classes they need: 360.442.2584 or jyates@lowercolumbia.edu
Corporate & Continuing Education

Business & Professional Development

Corporate & Continuing Education offers a variety of services supporting workforce development and corporate training. Our training team delivers customized, on-demand training programs that enhance professional and personal growth in order to increase local economic competitiveness. We will partner with you to build the best training program for your workforce.

**Our Process:**

**Needs Assessment:** CCE trainers will meet with you to discuss training needs and skill gaps in your workforce.

**Program Development:** The CCE training team will partner to develop a customized training program that meets your organizational goals.

**Customized Delivery:** Training can be held on or off site and performed according to customer requirements. The CCE training team can deliver coursework online, in person, or in a hybrid model.

**Sample Training Topics:** Leadership, management & supervision, quality assurance, business computer applications, customer service, and other areas critical to organizational success. You can also build your own!

**Small Business Entrepreneur Certification-ONLINE**

The Small Business Development Center and Lower Columbia College are partnering to offer a Small Business Entrepreneur Certification. Contact Jerry Petrick at the Longview Small Business Development Center at jerry.petrick@wsbdc.org or call 360.578.5449. Additional information is also available by calling LCC Continuing Education at 360.442.2602 or visiting www.campusce.net/lcc.

**Introduction to Business Analysis-ONLINE**

Learn powerful techniques to improve your decision-making skills at work. Register at www.ed2go.com/lccbic $115

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Workforce Training

**Flagger Certification**

Learn professional flagging techniques and proper work zone set-up in accordance with standards and guidelines of the Federal Manual on Uniform Traffic Control Devices (MUTCD), Washington Modifications to the MUTCD, L & I WAC 296-155-305, and WSDOT State Standard Specifications. Upon successful completion, receive both the Washington State Department of Transportation (WSDOT) and American Traffic Safety Services Association (ATSSA) flagger cards (accepted in most other states) valid for 3 years. Fee includes textbook and ID cards. Rich Bunker, Master Instructor, for American Traffic Safety Services Association (ATSSA). Students must bring a photo ID to class. For more information or to register, please contact Mary Harris at 360.442.2602 or mharris@lowercolumbia.edu. Call or email for a current schedule. Flagger Re-Certification also available. Do you have a group of employees to train?

Please contact Mary Harris to set up a training at your facility!

**Professional Vocational Relationships: Canvas Online**

Examines the legal and regulatory frameworks of practical nursing. Presents concepts of effective communication in health care settings among employees and employers. Explores conflict resolution and teamwork strategies. Discusses professional boundaries, stress management, chain of command, and professionalism as it relates to the licensed practical nurse role and scope. This course fulfills the Washington State requirements for professional relationship content for those applying for licensure as a practical nurse in Washington State. Registration required. Online using Canvas. (Ward) $150.

For more information, please contact Heidi Hamer at 360.442.2603 or hhamer@lowercolumbia.edu.

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**REduce Training Costs and Increase Access with LCC Corporate Training (CT) Hybrid Courses**

CT Hybrid courses are delivered via CANVAS, an eLearning platform available anywhere you have access to internet. Current CT Hybrid courses include:

- Communication Essentials
- Fundamentals of Supervision
- Building an Effective Team
- Identify Conflict. Solving Problems.
- Time Management & Delegation
- Motivation & Coaching
- Leaderships Essentials
- Emotional Intelligence in the Workplace
- Personality 101 using MBTI
- Stress Busters using MBTI
- How to Be Heard using MBTI
- Conflict Resolution using MBTI

Mix and match based on your teams’ needs. Build your own internal program as a partner with LCC.

For more information, please email Hahli Rogers at hrogers@lowercolumbia.edu or call 360.442.2600
**CDL Training**
LCC’s Corporate & Continuing Education Department offers a CDL training course for Class A and Class B licenses. The CDL Program has the option of 4 or 8 week training course depending on the quarter. The training consists of 20-40 hours of classroom instruction and 28-120 hours of driving and vehicle instruction based on the class of the license. Training is limited to students that meet the program requirements. For more information, please contact Heidi Hamer at 360.442.2603 or hhamer@lowercolumbia.edu.  
Fall start dates are September 30 and October 28.

**HIV/AIDS Education for Health Care Providers**
LCC offers both 4 and 7-hour HIV/AIDS certification that meets Washington Department of Health Professional Licensing requirements. Follow these steps to take your course: register in Admissions, purchase your text in the College Bookstore, and check out the DVDs in the LCC College Library. Complete instructions are included in your text. Contact Mary Harris, 360.442.2602 or mharris@lowercolumbia.edu, for additional information.

- 4 hour HIV/AIDS Certification, register for:
  - SFTY 046 5375 $45.00

- 7 hour HIV/AIDS Certification, register for:
  - SFTY 045 5370 $70.00

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**Are you passionate about a particular subject and would love to share with others?**
Continuing Education would like to speak to you!
Call Mary Harris at 360.442.2602 for more information!

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**ENGAGE YOUNG MINDS**
Corporate and Continuing Education offers classes and workshops throughout the year to engage your children in fun educational experiences. To register or ask questions, call 360.442.2610 or email Brian DelMar at bdelmar@lowercolumbia.edu

**Lower Columbia College**
Science Technology Engineering Math

**Family STEM Night**
Friday, September 27!

What’s in your future? Family STEM Night is a free evening for parents and children to discover more about STEM principles. Families learn about what STEM is and engage in fun, hands-on activities led by professionals who work in careers focused on science, technology, engineering, and math. Activities include robotics, paper making, unicorn slime, visit a veterinarian, life science with Master Gardeners, and more! No registration required. (LCC Student Center)
Career Connected Learning

Career Connected Learning program focuses on increasing the opportunities for real-world learning experiences to connect students with local employers. These experiences progressively build career awareness and skills. Through these experiences, students have the opportunity to develop soft skills as well as job skills. Want to learn more? Contact Brian DelMar at bdelmar@lowercolumbia.edu or call 360.442.2610.

CTE Dual Credits:
A partnership between college and high school instructors designed to guide local students into high-skill, high-wage careers with local industries. High school students can earn dual credit at both their high school, and at Lower Columbia College, without leaving high school or doing additional homework!

Cooperative Education:
An opportunity to earn up to 15 college credits for work experience in your field of study. Students enrolled in Cooperative Education will build their portfolio and make themselves marketable in today’s competitive job market. Students will also intern at a local business to gain real-world work experience.

Special Events:
Career Connected Learning has a variety of events that engage students from second grade through LCC students. Here are some events that happen yearly: Family STEM Night, High Tech U, Try-A-Trade, Company Tours, Mock Interviews, and Kid’s College. Learn more at lowercolumbia.edu/stem.

Explore Your Creative Side!

Learn about filmmaking and animation, take an online screenwriting class, join the choir or band! Where will fall take you?

Filmmaking & Animation
Have fun learning how to plan, film, and edit media for production in live action, stop-motion, and digital animation productions. Use state of the art equipment including video cameras, lighting, green-screens, and software to create short-films. Work with the instructor to discover methods for promoting films including options to submit films to local, regional, national, and international film festivals. Course explores advance methods and provides access to open-source alternatives to fit any production budget. Repeat the course as often as necessary to learn new skills. AAR 105, Lab 7 (Gaither) $119
CLCE 011 A 8050 Th 10/3-11/21 4-5:30 p.m.

Prop Building 101-NEW!
Have fun learning to build, paint, and weather props for film, plays, cosplay, and display. Learn which materials are available and how to build on a budget. DTV 201 (Jones) $89
CLCE 010 A 8045 W 10/2-11/20 4-5:30 p.m.

Introduction to Screenwriting-ONLINE
Learn everything you need to know to write a great script, from structure, character creation, and dialogue to marketing and selling your screenplay. Register at www.ed2go.com/lccbic $115

Community Choir
Every voice matters in this class of community members. Participate and harmonize with peers as you expand and develop your vocal range. You will also have the opportunity to perform in the Rose Center for the Arts! RCA 102 (Challed) No class 11/11
CLCE 021 A 8115 M 9/23-12/2 7-9 p.m.

Symphonic Band
Non-credit band section for community members. Offers rehearsal and performances of standard concert band repertoire. Activities of this college/community band include performances for special civic events in community and public concerts. Instructor approval is required to enter this course. RCA 102 (Davis) No class 11/28
CLCE 023 A 8125 Th 9/26-12/5 7-9 p.m.

Music Made Easy-ONLINE
Discover the fundamentals of music theory. Learn to read, write, and play simple music. Register at www.ed2go.com/lccbic $99

lowercolumbia.edu  |  Fall 2019
Art & Culture

College of Collage
Experience the endless creative possibilities of collage. Few art methods allow such flexibility and personal narrative. This course will cover techniques for determining subject matter, integrating a variety of materials, and personalizing imagery. We will learn about adhesives, surfaces, and combinations of drawing and painting materials used in collage. MAN 109 (Wade) $99 No class 11/11
CLCE 018 A 8085 M 9/30-12/2 5-7 p.m.

Painting Techniques
Gain control of the art of painting. We will take painting from palette layout to finished works through the investigation of tools, material handling, color mixing, and traditional techniques. The class is designed for those who are embarking on painting as well as those with experience who want to refine their skills and techniques. Although acrylics will be preferred, students with experience who work in oils are encouraged to use that medium. MAN 109 (Wade) $125 No class 11/27
CLCE 018 B 8090 W 10/2-12/4 5-8 p.m.

Mixed Media Drawing
Discover drawing with a variety of materials and surfaces. Create finished products such as unique gift boxes, greeting cards, and more. We’ll work with both dry and water-based materials, on surfaces ranging from paper to glass. Investigate techniques for creating representational and abstract imagery with pen and ink, watercolor pencils, colored pencils, pastels, glass paints, and unconventional tools. For those who enjoy drawing, this course will expand your tool box of possibilities. Whether you are an experienced artist or someone wanting to explore your creative side, this class is for you! MAN 148 (Wade) $99 No class 11/28
CLCE 018 C 8095 Th 10/3-12/5 5-7 p.m.

Metal Art
Come explore the amazing world of metal art. Get creative by cutting and welding to create awesome things like yard art, sculptures, or even build small useful projects of your own. No welding experience necessary. Great for the beginner, the hobbyist, or the advanced fabricator. The instructor will teach you all that you need to know to safely & successfully bring your own ideas to life. LCC Welding Shop (Pittsley) $99 No class 11/11
CLCE 019 A 8105 M 9/30-12/2 6-8 p.m.

Health & Wellness

NIA Functional Fitness
NIA (Non-impact Aerobics) is a form of fusion fitness, combining classic movement forms which encompasses martial arts, healing arts, yoga, and the dance arts. Suitable for all ages, NIA is a workout, practice, and lifestyle that fosters vitality and well-being. GYM 210 (Sudar) $65
Session One
CLCE 015 A 8070 MW 9/23-10/23 7-8 a.m.
Session Two (No class 11/11)
CLCE 015 B 8071 MW 10/28-12/4 7-8 a.m.

Tai Chi - Beginners
Learn and explore slow and continuous movements to improve mobility, flexibility, balance and increase muscular strength. Primarily Sun (soon) Style that is safe and easy to learn with its gentle postures combined with Qigong exercises to enhance the flow of internal energy (Qi) and cultivate relaxed deeper breathing and body-mindfulness association. Appropriate for individuals new to exercise, looking to manage stress, have chronic health conditions, fall prevention as well as skills-exploration for those revisiting Tai Chi. Students participate at their comfort level and modification needs. Wear loose, comfortable clothing and sneakers or flat, flexible fitness-type shoes. GYM 210 (Eastman) $65
Session One
CLCE 028 A 8190 TTh 9/24-10/24 8-9 a.m.
Session Two (No class 11/28)
CLCE 028 B 8191 TTh 10/29-12/5 8-9 a.m.

Baby and Me Fitness-NEW!
Are you a parent or grandparent with little ones at home? Do you struggle to find time to work out? Then this class is for you! Baby and Me Fitness allows you to break a sweat with your baby in tow. Over the course of the class we will do Pilates, yoga, barre, circuits, and other types of fitness all while sharing a mat with your baby! No experience needed. Geared towards newborn to two-year-olds. GYM 210 (McMullan) $65
Session One
CLCE 014 A 8065 Th 9/5-10/17 10-11 a.m.
Session Two (No class 11/28)
CLCE 014 B 8066 Th 10/24-12/12 10-11 a.m.

Beginner Barre
Beginner barre is an in depth introduction to the practices of barre. This class focuses on strengthening and toning the entire body by training small movements that isolate muscles followed immediately by a stretching session to help create those long lean muscles. While barre uses concepts and terminology from ballet, there are also foundations in yoga, Pilates, and weight training, but no prior experience in any of those areas is needed! GYM 210 (McMullan) $65
Session One
CLCE 029 A 8250 MW 9/25-10/30 12-12:50 p.m.
Session Two (No class 11/11)
CLCE 029 B 8255 MW 11/4-12/11 12-12:50 p.m.

Register Online for Continuing Education Classes: lowercolumbia.edu/ce
CORPORATE AND CONTINUING EDUCATION

Mat Pilates
This class will consist of a series of exercises from within the Pilates Method designed specifically to be performed on the mat. Benefits of Pilates exercises include improved flexibility, muscle tone, body balance, spinal support, low back health, sports performance, and body-mind awareness. Improve your core strength in a safe manner. Appropriate for all levels, however students need to be able to perform exercises on the floor using a mat. Bring a ¼” exercise mat to class. GYM 210 (Skerbeck) $65

Session One
CLCE 031 A 8200 WF 9/25-10/25 8:10-9 a.m.

Session Two (No class 11/29)
CLCE 031 B 8201 WF 10/30-12/6 8:10-9 a.m.

Aquatic Fitness
Did you know that exercising in water makes you feel up to 90 percent lighter, according to the American Council on Exercise? This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. Dick Mealy Pool at Mark Morris (Dickey) $65

Session One
CLCE 034 A 8215 MW 9/23-10/23 5:30-6:30 p.m.

Session Two (No class 11/11)
CLCE 034 B 8220 MW 10/28-12/4 5:30-6:30 p.m.

Zumba Gold*-NEW!
Modified intensity and easy to follow dance fitness combined with invigorating Latin and world music. Zumba Gold’s motto, “Ditch the workout, join the party!” Beginners, older adults, individuals returning to exercise after an injury or living with a chronic health issue, join the party and participate at your own energy and movement level and modification needs. Classes focus on increasing balance, stamina, muscular conditioning, coordination and flexibility with the added element of careful transitions gentle on joints. GYM 210 (Eastman) $65

Session One
CLCE 030 A 8195 TTh 9/10-10/10 5:30-6:30 p.m.

Session Two
CLCE 030 B 8196 TTh 10/15-11/14 5:30-6:30 p.m.

Session Three (No class 11/28)
CLCE 030 C 8197 TTh 11/19-12/19 5:30-6:30 p.m.

Zumba Fitness
The Zumba workout combines high-energy dance moves with traditional exercises such as lunges, squats and arm curls. Upbeat music like the merengue, salsa and mambo keep the energy high but alternate between slow and fast, keeping you on your toes! Zumba is fun to do and can be a great way to lift your spirits all while getting into shape and burning as many as 540 calories in the hour class! GYM 210 (Sanchez) $65

Session One
CLCE 037 A 8244 TTh 9/24-10/24 4:30-5:20 p.m.

Session Two (No class 11/28)
CLCE 037 B 8245 TTh 10/29-12/5 4:30-5:20 p.m.

Healthy Living Suite-ONLINE
In this program you’ll learn how to establish a healthy approach to successful weight loss and weight maintenance for a lifetime. You’ll learn how to save money and prepare home-cooked meals that are fast, easy, and delicious, and how to grow nutritious fruit and vegetables that can be used in your meals.
Register at www.ed2go.com/lccbic $299
Travel & Outdoors

**Mt. Angel Octoberfest**
Oregon's oldest and best loved Oktoberfest began in 1966 as a traditional harvest to celebrate all the land had to offer. It's now one of the largest folk festivals around! With over 50 Alpine food chalets serving a variety of food, traditional Biergarten, Weinergarten and Alpinegarten, old world glockenspiel performances, and a huge arts and crafts show! Transportation to and from event is included; food, beverage, and activities purchased on your own. (Wade) $40
CLCE 038 A 8550  F  9/13  9 a.m.-5 p.m.

**Explore Hood River**
Hood River, Oregon is nestled at the crossroads of the Columbia River Gorge and the Cascade Range surrounded by breathtaking scenery. Historic buildings line the scenic downtown streets with a bustling shopping district featuring boutiques, antique shops, art galleries, and more than 30 restaurants. On the way into Hood River, we'll make a stop at the magnificent Multnomah Falls, a 611 foot tall roaring and awe inspiring cascade of water! Register with a friend and explore Hood River together! Transportation to and from Hood River will be provided, exploration and lunch on your own (Wade) $40
CLCE 038 B 8555  Sa  10/5  9 a.m.-5 p.m.

Computers & Technology

**Microsoft Word 2016 Series-ONLINE**
Learn the ins and outs of Microsoft's newest release of Microsoft Word. This discounted bundle teaches you everything you need to know about the 2016 release. Other versions available. Register at www.ed2go.com/lccbic $225

**Introduction to Microsoft PowerPoint 2016-ONLINE**
Learn how to use Microsoft PowerPoint 2016 (now available through Office 365) to create professional-looking presentations using slide and layout masters that make global changes in a snap. Other versions available. Register at www.ed2go.com/lccbic $129

**Microsoft Access 2016 Series-ONLINE**
Learn how to organize, edit, manage, and report data using Microsoft Access 2016. Register at www.ed2go.com/lccbic $174

**Creating WordPress Websites-ONLINE**
Discover how to easily create blogs and websites with WordPress, the world's most popular Web publisher. Register at www.ed2go.com/lccbic $115

**Blogging and Podcasting for Beginners-ONLINE**
Learn how to create your very own blog and add a podcast too using the tools that you already have available on your computer. Register at www.ed2go.com/lccbic $99

LCC Corporate and Continuing Education

SELF-PACED TUTORIAL ONLINE COURSES

These high-quality online courses let you learn at your own pace and are designed to quickly deliver specific skills and knowledge that help to advance personal or professional development. Our online classroom is informative, convenient, and highly interactive.

- Twelve Steps to a Successful Job Search
- Introduction to SQL
- Medical Terminology: A Word Association Approach
- Introduction to Microsoft Excel 2016
- Human Anatomy and Physiology
- Grammar Refresher
- A to Z Grant Writing
- Accounting Fundamentals
- Project Management Fundamentals
- Speed Spanish
- Certificate in Food, Nutrition, and Health
- Keyboarding
- Explore a Career in Medical Coding
- Introduction to Natural Health and Healing
- Discover Sign Language
- Creating WordPress Websites
- Computer Skills for the Workplace
- Administrative Assistant Fundamentals
- Understanding Adolescents
- Certificate in Gerontology
- Medical Math
- Spanish For Medical Professionals
- Fundamentals of Supervision and Management
- Stocks, Bonds, and Investing: Oh, My!
- Achieving Success with Difficult People
- Real Estate Investing Write Fiction Like a Pro
- Keys to Effective Communication
- Using Social Media in Business
- Introduction to Microsoft Excel 2013
- Personal Finance

Many other online Self-Paced Tutorials are available. Be sure to look for Self-Paced Tutorial in the name of the course, as many have an instructor-led version.

Enroll, learn more, or view all our Self-Paced Tutorial online courses at: www.ed2go.com/lccbic or email mharris@lowercolumbia.edu

Register Online for Continuing Education Classes: lowercolumbia.edu/ce
Ed2go has over 300 instructor-facilitated online courses to choose from. Through well-crafted lessons, expert online instruction, and interaction with fellow students, you gain valuable knowledge at your convenience. Online continuing education courses begin each month and continue for six weeks. You can complete any course wherever you have internet access, any time of the day or night! Most courses are $115. Register at www.ed2go.com/lccbic or call 360.442.2602 for more info.

Visit our online learning website for a list of our over 300 instructor-facilitated online courses at www.ed2go.com/lccbic.

These high-quality courses are taught by industry experts and designed to quickly deliver specific skills and knowledge that help to advance personal or professional development. Our online classroom is informative, convenient, and highly interactive.

Accounting Fundamentals
Gain a marketable new skill by learning the basics of double-entry bookkeeping, financial reporting, and more.

Introduction to Microsoft Excel 2016
Become proficient in using Microsoft Excel 2016 (now available through Office 365) and discover how to create worksheets, workbooks, charts, and graphs quickly and efficiently.

Medical Terminology: A Word Association Approach
Prepare for a career in the health services industry by learning medical terminology in a memorable and enjoyable fashion.

Grammar Refresher
Whatever your goals, a grasp of English grammar is important if you want to improve your speaking and writing skills.

Microsoft Excel 2016 Series
Learn to use basic, intermediate, and advanced features of Microsoft Excel 2016.

Speed Spanish
Learn six easy recipes to glue Spanish words together into sentences, and you’ll be engaging in conversational Spanish in no time.

Introduction to SQL
Gain a solid working knowledge of the most powerful and widely used database programming language.

Accounting Fundamentals Series
If you’re interested in increasing your financial awareness while also gaining a marketable skill, this series of courses is perfect for you.

Introduction to Microsoft Excel 2013
Become proficient in using Microsoft Excel 2013 and discover countless shortcuts, tricks, and features for creating and formatting worksheets quickly and efficiently.

Effective Business Writing
Improve your career prospects by learning how to develop powerful written documents that draw readers in and keep them motivated to continue to the end.

24/7 Access • All classes start new every month
Certificate of completion • 6-week format • Average 24 work hours
Discussion boards • Mobile accessible
Enroll or view all our online courses at www.ed2go.com/lccbic

About Corporate & Continuing Education

For the latest information about Corporate & Continuing Education, see lowercolumbia.edu/ce or visit us on Facebook at facebook.com/LCC.ContinuingEd

It’s easy to sign up for classes:
• Sign up online at lowercolumbia.edu/ce
• OR call 360.442.2600 and 360.442.2840 to sign up over the phone with Visa or MasterCard. If we are away from the phone, please leave your name and return phone number on our voicemail and we will call you back.
• OR fill out the form at the back of this schedule and mail it to us with a check, money order, or credit card information.
• OR fax the form to 360.442.2609 with credit card info.

Questions? Call us 360.442.2600

Refund Policy:
Written notice must be received 3 business days prior to the course start date in order to receive a refund on courses you have enrolled in. Refunds will be issued automatically if a course is closed or cancelled.

Online Learning:
We offer online, short-term, non-credit courses for personal or professional development. To register for any of these classes or to view more course listings, in addition to the ones we have listed throughout, go to the provider websites listed below. Our online providers include:

■ ed2go
www.ed2go.com/lccbic

Short term, affordable and fun classes geared just for you. Classes require only Internet access and an email account. These 6-week, highly interactive classes start the third Wednesday of each month. Choose from Career & Professional, Computers & Technology, Personal Development, Writing & Publishing, and more!

■ ed2go Online Career Training
careertraining.ed2go.com/lccbic

Longer term, open enrollment training programs designed to provide the skills and training you need to acquire professional level positions for many in-demand occupations. Programs are designed by teams of professionals from respective fields, providing you with effective web-based learning programs. Instructors/mentors are actively involved in your online learning experience, responding to your questions or concerns, and encouraging and motivating you to succeed. Choose from Business, Construction & Trades, Health & Fitness, Hospitality, IT & Computer Programming, Legal, Writing, and more!
Sign up now!
Corporate and Continuing Education

**Student ID (if known) DOB (mm/dd/yyyy) Signature (required for enrollment)**

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ENROLLMENT INFORMATION

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Have you ever attended classes at LCC?

☑ Yes ☐ No Last year attended __________________________

How did you hear about this class?

____________________________________________________________________

____________________________________________________________________

Any other classes you’d like to see at LCC?

____________________________________________________________________

____________________________________________________________________

Mail your completed form with payment to complete enrollment.

REFUND POLICY: Written notice must be received 3 business days prior to the course start date in order to receive a refund on courses you have enrolled in. Refunds will be issued automatically if a course is closed or canceled.

Class enrollment is first-come, first-served. Register early to secure your place in your preferred courses.

**The Student ID # is assigned by Lower Columbia College to provide specific identification for every student. Your Student ID Number is NOT your Social Security number.**
COLLEGE SERVICES INFORMATION

■ ADVISING
New students may contact entry advisors daily through the Entry Center in the Admissions Center. Returning students should contact their advisors through the Entry Center or the LCC Directory at lcc.ctc.edu/employees if they have questions. 360.442.2311 lowercolumbia.edu/advising

■ CAREER AND EMPLOYMENT SERVICES
Assess your interests, explore careers, research training, find openings in your field, and get help with career planning in the Admissions Center. 360.442.2330 lowercolumbia.edu/careercenter

■ CHILD CARE/PRESCHOOL
Child care for children, one month to six years, is available for LCC students, staff, faculty, and community members in The Early Learning Center. Children are cared for in a quality setting while learning skills and concepts based on best practices and current research in Early Childhood Education. 360.442.2890 lowercolumbia.edu/childcare

■ COOPERATIVE EDUCATION
Contracted work experience related to a degree or certificate program coordinated with the employer, instructor/coordinator, and student to meet specific learning objectives. See class listings for more info. lowercolumbia.edu/cooperative-education

■ COUNSELING CENTER
Counselors help students with academic, personal, and crisis situations. Find out about student success groups too. 360.442.2311 lowercolumbia.edu/counseling

■ DINING
The Fork & Flame café: 8 a.m.-1:30 p.m.; Espresso Bar: 7:30 a.m.-3 p.m. Monday–Friday. Located in the Student Center.

■ DISABILITY SUPPORT SERVICES
If you have a disability, the Disability Support Services Office in Admissions Center Room 143, may be able to provide reasonable accommodation, arrange auxiliary aids, advising, admission, registration, referrals, counseling, educational and vocational planning and voter registration. 360.442.2341 lowercolumbia.edu/disability

■ FINANCIAL AID
Apply early for financial aid; processing takes 3-6 weeks. Application and deadline information is located on page 7. 360.442.2390 lowercolumbia.edu/finaid

■ GED TESTING
GED testing at LCC is all computer-based. You can register, schedule, and pay online 24/7 and get your test results immediately. 360.442.2353 lowercolumbia.edu/ged

■ INSURANCE AVAILABLE TO STUDENTS
LCC offers an accident and sickness insurance plan designed for students. Brochures are available in the Admission Center.

■ LEARNING COMMONS AND LIBRARY
Hours: Monday–Thursday: 7:30 a.m.-7 p.m.; Friday: 7:30 a.m.-4 p.m.; Saturday: 10 a.m.-2 p.m. lowercolumbia.edu/library

■ PLACEMENT TESTING
Students who plan to earn a degree or certificate from Lower Columbia College, or who plan to transfer to a four-year institution, can use multiple measures for the purpose of determining English and Math placement. Placement options include, but are not limited to, Directed Self-Placement, Smarter Balanced scores, High School transcripts, and previous college course work. Placement assessments are offered in the Admissions Center testing lab, open 10 a.m.-5 p.m. Monday–Thursday. 360.442.2353 lowercolumbia.edu/placement

■ RUNNING START
High School juniors and seniors may be eligible to take college classes for credit toward both their high school diploma and their college degree program. Advance planning is required. 360.442.2442 lowercolumbia.edu/running-start

■ TECH PREP/CAREER PATHWAYS
High school students can take specific high school courses and receive credit toward both their high school diploma and LCC degree. See your high school counselor for details.

■ TRIO PROGRAMS
TRIO Student Support Services is offered at LCC for students who are first-generation, low-income, or students with disabilities and are interested in earning a bachelor’s degree. Contact Jodi Reid, Director of TRIO Programs, for more information. jreid@lowercolumbia.edu

■ TUTORING SERVICES
Tutoring Services provides one-on-one and small group sessions in nearly every discipline including Canvas orientations. Tutors can assist with specific course content, plus general study skills, such as time management, lecture note-taking and textbook reading. Tutoring is offered in the Learning Commons: Mon-Thurs 8 a.m.-7 p.m., Fri 8 a.m.-4 p.m., and Sat 10 a.m.-2 p.m. lowercolumbia.edu/tutoring

■ VETERAN RESOURCE CENTER
The Veteran Resource Center is located on the first floor of the Student Center. The center provides a veteran-friendly academic environment for veteran students and their dependents. It is also a place where veteran students can access vital resources and benefit information. Contact Connie O’Brien-Larsen for details. cobrienlarsen@lowercolumbia.edu

■ WITHDRAWAL
If you leave a class without completing it, withdraw or arrange an “incomplete” with your instructor in order to avoid receiving a poor final grade. Forms and information are available in the Registration Office. Check withdrawal deadlines on page 4. If your class ends before the end of the quarter, you may withdraw through the last day of instruction for that class.

■ WORKER RETRAINING
For dislocated workers and others seeking employment, training orientations are offered. Go to startnextquarter.org to sign up, call the number below, or visit the Career Center’s front desk for assistance. 360.442.2330 lowercolumbia.edu/worker-retraining
1. Don Talley Building (DTV)
2. Gym & Fitness Center (GYM)
3. Steam Plant (SPL)
4. Vocational Building (VOC)
5. Applied Arts Building (AAR)
6. Science Building (SCI)
7. Physical Science Center (PSC)
8. Admissions Center (ADC)
   - Career Services
   - Cashiers
   - Disability Support Services
   - Financial Aid
   - Registration
   - Testing Center
9. Library- Alan Thompson (LIB)
   - eLearning
   - Regional University Center
   - Tutoring Center
10. Health and Science Building (HSB)
11. Rose Center for the Arts (RCA)
12. International Center (INC)
13. Main Building (MAN)
14. Administration Building (ADM)
15. Head Start/Home & Family Life (HFL)
16. Batting Barn (BTB)
17. Student Center (STC)
   - Bookstore
   - Dining
   - Student Activities Office
   - Student IDs/Information
18. Campus Services Building (CMS)
19. Head Start East Building (HSE)
20. Pavilion
21. Learning & Healing Garden

Note: Buildings are not physically numbered. The numbers on this map are for key purposes only. Parking permits are required in all lots.
Take a look inside and start planning your next chapter.

Whether you are preparing to enter or move up in the workforce, planning to transfer to a university, or just want to learn something new, LCC offers a high quality, affordable option located right here in the community.

- What’s new at LCC – page 3
- How to pay for college – page 7
- University transfer options – page 8
- Preparing for the workforce – page 9
- Special services for veterans – page 10
- Join the LCC Alumni Association – page 11
- See if you qualify for special funding for college – page 13
- Class offerings for the quarter – page 15
- Donate to the Student Success Fund – page 21
- Sign up to receive emergency text alerts from LCC – page 22
- Arts and Entertainment – page 24
- How to attend LCC tuition-free while you’re in high school – page 24
- New bachelor degree and certificate options at LCC – page 25
- Host an International Student – page 29
- Corporate and Continuing Education – page 38

lowercolumbia.edu