LOWER COLUMBIA COLLEGE
The Smart Choice!
FALL 2016 CLASS SCHEDULE

FALL CLASSES BEGIN SEPTEMBER 19

What’s Inside: Arts & Entertainment Events at LCC on Page 24
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 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.

September 19-22 (Monday–Thursday)

Advising, Financial Aid, and Registration will stay open until 6 p.m. to serve you. Cashiering will stay open until 5:30 p.m.

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 addressed to “Residential Customer,” we are unable to remove individuals from our distribution route. Schedules can be recycled with your newspapers.
WHAT'S NEW

Fitness Specialist Certificate with Personal Training and/or Group Exercise Certification

Lower Columbia College is offering a new 19-credit certificate that can lead to national certification in Personal Training and/or Group Exercise. The new certificate is ideal for individuals looking for a career working in athletic clubs, managing a fitness business, or working with community health organizations. The certificate can be taken independently or in conjunction with a DTA.

With completion of the program, students will be prepared to take the NCAA-accredited Personal Trainer Exam and/or Group Exercise exam through the American Council on Exercise.

Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HLTH 105</td>
<td>First Aid and CPR</td>
<td>1</td>
</tr>
<tr>
<td>PHED 285</td>
<td>Fitness Marketing</td>
<td>3</td>
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<tr>
<td>HLTH 245</td>
<td>Health and Exercise Behavior Change</td>
<td>3</td>
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<tr>
<td>HLTH 135</td>
<td>Food and Fitness</td>
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<td>NUTR&amp; 101</td>
<td>Nutrition</td>
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<tr>
<td>BIOL 179</td>
<td>Human Biology and Exercise</td>
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<tr>
<td>PHED 288</td>
<td>Cooperative Education (Internship)</td>
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<tr>
<td>PHED 289</td>
<td>Employment Portfolio</td>
<td>1</td>
</tr>
<tr>
<td>PHED 295</td>
<td>Personal Training Instruction</td>
<td>3</td>
</tr>
<tr>
<td>PHED 296</td>
<td>AND/OR Group Fitness Instructor Course</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 19

Recommended Electives: HLTH 106, PHED 171, PHED activity courses

Contact your advisor AND Elena Ross, eross@lowercolumbia.edu or 360.442.2870, to see if this program is a fit for you!

Meet the Faculty

Elena Ross is passionate about her work as LCC’s full-time health, fitness and nutrition instructor. She has developed several new courses for the college, including Climbing, Train for a Race, Boot Camp, and Outdoor Skills and Experience. She also helped develop LCC’s new Fitness Center in addition to starting the Fitness Specialist Certificate Program.

Elena received her Master’s degree in Health Education through the University of Alabama and her Bachelor’s in Physical Education and Health from Pacific Lutheran University, where she also played on the women’s lacrosse team. Elena holds a Certificate in Nutrition for Health, Wellness and Sports from WSU, as well as other various fitness certifications. Elena started her career as a K-12 physical education teacher and coach.

You can find Elena in many local races with her family (husband, Nathan, and four sons) and cheering her kids on in their sports and extracurricular events. She also enjoys cross country skiing, snowshoeing, tennis, hiking, playing the guitar, kayaking and many other adventures!
HOW TO REGISTER

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

### New Students

Registration begins June 6 for new students. Apply for admission - 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 Entry Center.

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 planning to earn a degree or certificate or transfer to a four-year institution need to have skill levels assessed before registering for classes. Placement assessments are given at the Admissions Center testing lab. Testing takes approximately three hours. Recommendations based on your results help you select the right classes. Find practice materials online.

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 31 for students who have attended LCC within the last year.

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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<tbody>
<tr>
<td>Veterans/Dependents Priority Registration</td>
<td>May 27</td>
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<tr>
<td>Priority Registration for Fall begins</td>
<td>May 31</td>
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<tr>
<td>Open Registration for Fall begins</td>
<td>June 6</td>
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<tr>
<td>Admission deadline for degree/certificate students</td>
<td>August 8</td>
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<tr>
<td>Priority application deadline for Fall financial aid</td>
<td>August 15</td>
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<tr>
<td>Last day to arrange Fall Administrative Hold</td>
<td>August 29</td>
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<tr>
<td>Fall tuition payment due</td>
<td>September 13</td>
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<tr>
<td>First day of classes</td>
<td>September 19</td>
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<td>Last day of online registration</td>
<td>September 21</td>
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<tr>
<td>Last day for 100% tuition refund</td>
<td>September 23</td>
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<tr>
<td>Last day to withdraw and avoid a “W”</td>
<td>September 30</td>
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<tr>
<td>Last day for 50% tuition refund</td>
<td>October 7</td>
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<tr>
<td>Last day to apply for Fall graduation</td>
<td>October 18</td>
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<tr>
<td>Last day to withdraw from classes</td>
<td>November 10</td>
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<tr>
<td>Veterans Day holiday</td>
<td>November 11</td>
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<td>Thanksgiving Holidays</td>
<td>November 24-25</td>
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<td>Last day of Fall classes</td>
<td>December 2</td>
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<td>Fall finals</td>
<td>December 6-8</td>
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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.
ONLINE REGISTRATION & PAYMENT

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

1. Check Your Registration Date and Time
Choose registration date/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.
Select Register Online. 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, the computer will block your registration.

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.

**ONLINE REGISTRATION WORKSHEET**

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<th>Dept.</th>
<th>Course #</th>
<th>Item #</th>
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<th>Time</th>
<th>Bldg/Rm</th>
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**Alternate Classes**

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|       |          |        |         |         |   |   |   |   |   |      |         |           |

**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

**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 is available**
May 31-September 21
Tuition and fees may change for 2016-17. When known, they will be posted at lowercolumbia.edu/tuition

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. If your residency cannot be determined at the time of registration, you will be required to pay non-resident tuition and fees. Ask about residency at the Registration Office, 360.442.2370. Complete residency rules are detailed in RCW 28B.15.012.

If you are not a permanent resident, you are eligible to verify your residency status through the following methods:
- 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.

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 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.

US Citizens & INS Permanent Residents (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.

Other US Citizens and Foreign Students (Column D)
Those who are not eligible to pay the “Resident Students,” “Oregon Border County Residents,” or “US Citizens and INS Permanent Residents” rates, above, pay this rate. (See Column D.)

Veterans (Column E)
Special rates are available for some Veterans. See the Veterans’ Office in the Admission Center, or call 360.442.2393 for eligibility information.

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 $1.30 per credit facilities use fee and applicable lab fees.

Miscellaneous Fees for 2015-16
- Apprenticeship: $53 per credit; $3.49 per clock hour.
- Computer Lab: A fee of $24.00 per class is charged for certain classes identified in the course listing.
- Facilities Maintenance: The chart includes a fee of $1.30 per credit, up to 18 credits (max. $23.40), for facilities maintenance and College security.
- Fitness Center Upgrade: The chart includes a fee of $2.50 per credit, up to 10 credits (max. $25), for fitness center upgrade.
- Fitness Center Use Fee: $20 per student per quarter.
- GED Testing: $120.00 for first time on all four. Re-testing: $30 per test.
- High School Completion: Courses taken to earn a high school diploma are $53.42 per credit for residents or $106.84 per credit for non-residents, plus a technology fee of $3.75 per credit, facilities fee of $1.30 per credit, tutoring center fee of $.50 per credit and fitness center upgrade fee of $2.50 per credit.
- 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 $6.00 (credit) (max 10 credits) for each course. Distance Education Hybrid and Enhanced courses require a Distance Ed fee of $3.00 (credit) (max 10 credits).
- Matriculation Fee: $.50 per credit, up to 10 credits (max $5)
- Resident Excess Credit: Residents pay $96.26 per credit above 18 credits.
- Technology: The chart includes a technology fee of $3.75 per credit, up to 12 credits (max. $45). 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 per credit, up to 10 credits (max. $5), 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)

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 www.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/Tuesday/Thursday/Friday 8 a.m. - 5 p.m.
Wednesday 11 a.m. - 2 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-options

Waiting for your Financial Aid funds?
Students who meet the priority deadline (August 15 for Fall Quarter 2016) 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 priority deadline but complete their file on or before August 29, 2016 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.
TRANSFER STUDENTS - SAVE TIME & MONEY AT LCC

Students who begin a four-year degree at Lower Columbia College save tuition costs as well as room and board, if they live at home. Records show LCC students who transfer earn an average 3.18 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 new 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.

Over half (51 percent) of all bachelors degree graduates from Washington public universities in the class of 2011 were transfer students.

Students graduate with virtually the same number of credits as students who started as freshmen at a university—an indicator of the smooth transfer 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

### NEW 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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### 2015-16 Annual Tuition Comparison

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<tbody>
<tr>
<td>Lower Columbia College</td>
<td>$4,131</td>
</tr>
<tr>
<td>Washington Public Universities</td>
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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 98504-42495, ballinder@sbctc.edu, 360-704-4315 or visit sbctc.edu. To access the complaint form go to sbctc.edu/college/s_resources.aspx#consumer
Veterans’ Services

Lower Columbia College has been designated as a Military Friendly School on the basis of its educational programs, support services and financial assistance dedicated to helping veterans and members of the military succeed in their college goals. The ranking by GI Jobs goes to just the top 15% of colleges in the nation.

The 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 V.A. educational programs

- Post 9/11 GI Bill
- Montgomery GI Bill—Education program based on the veteran’s active military service
- Montgomery GI Bill—Selected Reserve program for military reserve and National Guard service
- The V.A. Vocational Rehabilitation program for veterans with service-connected disabilities
- The Survivors and Dependants Educational Assistance program

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
Learning Communities

Teamwork is a good approach to achieve success in sports, at work and in college. Lower Columbia College students who belong to study teams as part of a class or other organized program complete their courses and degrees more often and in less time than those who go it alone. The following programs of study are available this quarter for students who want to improve their chances of success at LCC.

I-BEST Helps Students with a Fast Track to a 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
General Business prepares students 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.

Business Technology
This 4-quarter certificate program prepares graduates to work in an office setting. All credits can be applied toward the two year AAS degree.

Early Childhood Education
This certificate and two-year degree program 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.

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.

Manufacturing Occupations
Learn the basic skills needed for entry-level jobs. This certificate provides a strong foundation in production, machining and welding processes providing access to many jobs in industries that use machine tools and fabrication processes to produce goods. This certificate includes courses that can be applied to more specialized degrees and certificates.

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

Program Specialist Jill Yates will help each student register for the classes they need: 360.442.2584 or jyates@lowercolumbia.edu
Jade Footprints: Chinese Culture in Writing and Arts

Monday-Thursday, 9 a.m.-11:00 a.m. • Instructors: Hiedi Bauer, Nicole DiGerlando

Gain a fascinating look into Chinese culture and the immigrant experience while developing college-level reading and writing skills. This course will examine how China’s political leaders used propaganda to effect a cultural revolution; how racism in America has changed over the decades, and how a newcomer finds an American identity in order to fit in. You’ll also explore Chinese culture, including philosophy and mythology, and take a field trip to the Chinese Gardens in Portland to experience firsthand principles of Chinese art.

This course allows you to progress through English at your own pace and even to fast track into college-level English. Complete five credits in English 098, 099 or 101 while you also earn five college credits in Humanities 164 to satisfy distribution requirements toward an associate degree.

Sign up for:
ENGL 098, item 2642, College-Ready English I, 5 credits
or
ENGL 099, item 2697, College-Ready English II, 5 credits
or
ENGL& 101, item 2810, English Composition I, 5 credits and
HUM 164, item 3533, Cultural Journeys:DIV, 5 credits

Does Your Class Use Free Or Inexpensive Textbooks?

Alternative Educational Resources (AER) are print or digital, and are free or inexpensive alternatives to commercial textbooks, tailored to the needs of a course.

At Lower Columbia College, AER includes course materials that cost our students less than $30 to use and include used textbooks and other physical and digital materials.

COURSES USING AER — FALL 2016

<table>
<thead>
<tr>
<th>Business &amp; Computer Science</th>
<th>Language &amp; Literature</th>
<th>Performing &amp; Visual Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS&amp;101 Introduction to Business — 1625, 1630, 1635</td>
<td>ENGL 98 College Ready English I — 2600, 2605, 2610, 2615, 2620, 2630, 2635, 2640, 2645</td>
<td>DRMA&amp; 101 Introduction to Theatre — 2395</td>
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<td>BUS 119 Business Communications — 1525</td>
<td>ENGL 99 College Ready English II — 2655, 2660, 2665, 2670, 2675, 2680, 2685, 2690, 2695, 2700</td>
<td>DRMA 106 Introduction to Acting I — 2360</td>
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<tr>
<td>BUS 144 Human Relations — 1530, 1535, 1540, 1550</td>
<td>ENGL&amp; 101 English Composition I — 2750, 2785, 2795, 2810, 2820, 2830, 2855, 2865</td>
<td>DRMA 206 Acting I — 2385</td>
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<tr>
<td>BUS 150 Customer Service/Management — 1555, 1560</td>
<td>ENGL 221 Teach/Tutor Writing I — 2722</td>
<td>MUSC 100 Fundamentals of Music — 4370</td>
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<tr>
<td>BUS 240 Principles of Supervision — 1595</td>
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<td>MUSC&amp; 105 Music Appreciation — 4630</td>
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<tr>
<td>BTEC 155 Website Management — 1415</td>
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<td>MUSC 106 Keyboard Skills I — 4380</td>
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<tr>
<td>Health and Science</td>
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<td>MUSC 107 Keyboard Skills II — 4381</td>
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<tr>
<td>BIOL&amp; 100 Survey of Biology — 1185</td>
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<td>MUSC 108 Keyboard Skills III — 4382</td>
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<td>BIOL&amp; 160 General Biology — 1200, 1205, 1210</td>
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<td>MUSC 111 Ear Training I — 4385</td>
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<tr>
<td>BIOL&amp; 241 Human A&amp;P 1 — 1260, 1265</td>
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<td>MUSC 115 Group Piano Instruction — 4387</td>
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<tr>
<td>BIOL&amp; 242 Human A&amp;P 2 — 1285</td>
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<td></td>
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<tr>
<td>BIOL&amp; 260 Microbiology — 1290, 1295</td>
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<tr>
<td>CHEM&amp; 110 Chemical Concepts — 1710</td>
<td></td>
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<tr>
<td>ECED&amp;100 Child Care Basics — 2450</td>
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<tr>
<td>EDUC&amp; 115 Child Development — 2550</td>
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<tr>
<td>NUTR&amp; 101 Nutrition — 4805, 4810, 4815, 4820</td>
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<tr>
<td>MUSC 145 Beginning Voice — 4415</td>
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<tr>
<td>MUSC 206 Keyboard Skills IV — 4515</td>
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<td>MUSC 207 Keyboard Skills V — 4516</td>
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<td>MUSC 208 Keyboard Skills VI — 4517</td>
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<tr>
<td>Social Science</td>
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<td>ECON 105 Introduction to Economics — 2505, 2510</td>
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<tr>
<td>ECON&amp; 201 Microeconomics — 2515</td>
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<td>POLS&amp; 101 Introduction to Political Science — 5075</td>
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<td>POLS&amp; 202 American Government — 5085, 5090</td>
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<td>PSYC&amp; 100 General Psychology — 5115, 5125</td>
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<tr>
<td>SOC&amp; 101 Introduction to Sociology — 5200, 5205</td>
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</tbody>
</table>
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.

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 Proctor U. 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 2016**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>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 &amp; Infections</td>
</tr>
<tr>
<td>ART 206</td>
<td>Art of the Americas</td>
</tr>
<tr>
<td>ART&amp; 100</td>
<td>Art Appreciation:DIV</td>
</tr>
<tr>
<td>BOL&amp; 160</td>
<td>General Biology</td>
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<td>BOL&amp; 241</td>
<td>Human A &amp; P 1</td>
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<tr>
<td>BOL&amp; 242</td>
<td>Human A &amp; P 2</td>
</tr>
<tr>
<td>BIOL&amp; 260</td>
<td>Microbiology</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 144</td>
<td>Management/Human Relations:DIV</td>
</tr>
<tr>
<td>BUS 150</td>
<td>Customer Service/Management</td>
</tr>
<tr>
<td>BUS 206</td>
<td>Statistical Methods</td>
</tr>
<tr>
<td>BUS 240</td>
<td>Principles of Supervision</td>
</tr>
<tr>
<td>BUS&amp; 101</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>BUS&amp; 201</td>
<td>Business Law</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>COLL 101</td>
<td>First Year Seminar I</td>
</tr>
<tr>
<td>COLL 102</td>
<td>First Year Seminar II</td>
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<tr>
<td>CS 110</td>
<td>Microcomputer Applications</td>
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<tr>
<td>CS 121</td>
<td>Introduction to Spreadsheets</td>
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<tr>
<td>ECED 186</td>
<td>Growth &amp; Socialization</td>
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<td>ECED 209</td>
<td>ECED Mentor Development</td>
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<td>ECED&amp; 139</td>
<td>Admin Early Lrng Prog</td>
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<td>ECON 105</td>
<td>Introduction to Economics</td>
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<td>EDUC&amp; 136</td>
<td>School Age Care</td>
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<td>ENGL 098</td>
<td>College-Ready English I</td>
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<td>ENGL 099</td>
<td>College-Ready English II</td>
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<tr>
<td>ENGL 270</td>
<td>Literature for Children</td>
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<td>ENGL&amp; 101</td>
<td>English Composition I</td>
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<td>Composition II</td>
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<td>ERSI 105</td>
<td>Earth Systems</td>
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<td>GEOL&amp; 208</td>
<td>Geology of 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>*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 210</td>
<td>Elements of Statistics</td>
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<tr>
<td>MEDA 205</td>
<td>Certification Review for Medical Assistants</td>
</tr>
<tr>
<td>MUSC 119</td>
<td>American Music:DIV</td>
</tr>
<tr>
<td>MUSC&amp; 105</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>NUTR&amp; 101</td>
<td>Nutrition</td>
</tr>
<tr>
<td>OCEA&amp; 101</td>
<td>Introduction to Oceanography</td>
</tr>
<tr>
<td>PHED 152</td>
<td>Personalized Fitness</td>
</tr>
<tr>
<td>PHED 252</td>
<td>Personalized Fitness</td>
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<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>SOC&amp; 101</td>
<td>Introduction to Sociology:DIV</td>
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<tr>
<td>*SPAN&amp; 121</td>
<td>Spanish I:DIV</td>
</tr>
<tr>
<td>*SPAN&amp; 122</td>
<td>Spanish II:DIV</td>
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<tr>
<td>*SPAN&amp; 123</td>
<td>Spanish III:DIV</td>
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<tr>
<td>*SPAN&amp; 221</td>
<td>Spanish IV</td>
</tr>
<tr>
<td>*SPAN&amp; 222</td>
<td>Spanish V</td>
</tr>
<tr>
<td>*SPAN&amp; 223</td>
<td>Spanish VI</td>
</tr>
<tr>
<td>SPCH 110</td>
<td>Introduction to Public Speaking</td>
</tr>
<tr>
<td>SPCH 114</td>
<td>Small Group Communication</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 \(\n\) 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.

Basic Food, Employment & Training (BFET)
360.442.2332
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.

Worker Retraining
360.442.2334
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
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.

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

Workforce Services
Dani Trimble, Workforce Services Manager
dtrimble@lowercolumbia.edu

Basic Food, Employment & Training (BFET)
Katie Sully, Program Coordinator
ksully@lowercolumbia.edu

Opportunity Grant
Heidi Hamer, Program Coordinator
hhamer@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>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH&amp; 100</td>
<td>Survey of Anthropology</td>
<td>5</td>
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<tr>
<td>ANTH 109</td>
<td>American Cultural Diversity</td>
<td>5</td>
</tr>
<tr>
<td>ANTH&amp; 206</td>
<td>Cultural Anthropology</td>
<td>5</td>
</tr>
<tr>
<td>ART&amp; 100</td>
<td>Art Appreciation</td>
<td>5</td>
</tr>
<tr>
<td>ART 206</td>
<td>Arts of the Americas</td>
<td>5</td>
</tr>
<tr>
<td>ART 207</td>
<td>Arts of the World</td>
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<tr>
<td>ART 208</td>
<td>Arts of the Northwest</td>
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<td>ART 228</td>
<td>History of Western Art</td>
<td>5</td>
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<tr>
<td>ASL&amp; 123</td>
<td>American Sign Language III</td>
<td>5</td>
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<tr>
<td>BUS 144</td>
<td>Management of Human Relations</td>
<td>5</td>
</tr>
<tr>
<td>CHIN&amp; 121</td>
<td>Chinese I</td>
<td>5</td>
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<tr>
<td>CHIN&amp; 122</td>
<td>Chinese II</td>
<td>5</td>
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<tr>
<td>CHIN&amp; 123</td>
<td>Chinese III</td>
<td>5</td>
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<td>EDUC&amp; 205</td>
<td>Introduction to Education</td>
<td>5</td>
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<tr>
<td>ENGL 140</td>
<td>Introduction to Women Writers</td>
<td>5</td>
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<tr>
<td>ENGL 246</td>
<td>Rainbow Readers: LGBTQ Literature</td>
<td>5</td>
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<tr>
<td>ENGL 245</td>
<td>Contemporary Literature</td>
<td>5</td>
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<td>ENGL 280</td>
<td>Multicultural Literature</td>
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<tr>
<td>ENVS 150</td>
<td>Environment and Society</td>
<td>5</td>
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</table>

# DIVERSITY, FINAL EXAMS

## Fall 2016 Final Exam Schedule (December 6-8)

*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. - 8:20 a.m.</td>
<td>M, MWF, MW, W, Daily</td>
<td>8:00 a.m. - 10:00 a.m.</td>
<td>December 6</td>
</tr>
<tr>
<td>7:00 a.m. - 8:20 a.m.</td>
<td>MTWTh, MTWF, MWThF, TTh</td>
<td>8:00 a.m. - 10:00 a.m.</td>
<td>December 7</td>
</tr>
<tr>
<td>9:00 a.m. - 9:50 a.m.</td>
<td>TTh, MTWTh</td>
<td>8:00 a.m. - 10:00 a.m.</td>
<td>December 8</td>
</tr>
<tr>
<td>9:00 a.m. - 9:50 a.m.</td>
<td>MWF, MW, Daily</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>December 6</td>
</tr>
<tr>
<td>9:55 a.m. - 10:50 a.m.</td>
<td>MW, MW, Daily</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>December 7</td>
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<tr>
<td>11:00 a.m. - 11:55 a.m.</td>
<td>MWThF, TTh, MWTh</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>December 8</td>
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<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 6</td>
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<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 7</td>
</tr>
<tr>
<td>1:00 p.m. - 2:00 p.m.</td>
<td>MW, MW, W, MTWTh, Daily, MTWF</td>
<td>12:20 p.m. - 2:20 p.m.</td>
<td>December 8</td>
</tr>
<tr>
<td>1:00 p.m. - 2:30 p.m.</td>
<td>TTh, Th, T</td>
<td>2:30 p.m. - 4:30 p.m.</td>
<td>December 6</td>
</tr>
<tr>
<td>2:40 p.m. - 4:00 p.m.</td>
<td>MW, MW, M, W</td>
<td>2:30 p.m. - 4:30 p.m.</td>
<td>December 7</td>
</tr>
<tr>
<td>2:40 p.m. - 4:00 p.m.</td>
<td>T, TTh</td>
<td>2:30 p.m. - 4:30 p.m.</td>
<td>December 8</td>
</tr>
</tbody>
</table>

Classes not listed above or classes that conflict with other finals: Please contact your instructor for your final exam time

*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.*
CLASS LISTINGS

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.

HA = Course meets distribution credit in Humanities only for AAS and AAS-T degrees.

SS = Course meets distribution credit in Social Science.

SSA = Course meets distribution credit in Social Science only for AAS and AAS-T degrees.

NS = Course meets distribution credit in Natural Science.

NSA = Course meets distribution credit in Natural Science only for AAS and AAS-T degrees.

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 = Distance Education. All DE sections have an $9.10 fee.

V = 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 Alternative Educational Resources/Textbooks cost less than $30.00.

---

Accounting

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

<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>ACCT 101</td>
<td>INTRODUCTION TO ACCOUNTING CONCEPTS</td>
<td>0870 A</td>
<td>5</td>
<td>MWF</td>
<td>11:10a.m.-12:35p.m.</td>
<td>AAR 103</td>
<td>STANLEY J</td>
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<tr>
<td>ACCT 135</td>
<td>ACCOUNTING FOR NON-ACCOUNTANTS</td>
<td>0873 A</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
<td>AAR 103</td>
<td>STANLEY J</td>
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<tr>
<td>ACCT &amp; 201 PRINCIPLES OF ACCOUNTING I</td>
<td>0895 A</td>
<td>5</td>
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<td>9:00a.m.-10:25a.m.</td>
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<td>ACCT 241</td>
<td>INTRODUCTION TO QUICKBOOKS</td>
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<td>5</td>
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<td>1:20p.m.-3:20p.m.</td>
<td>ARR</td>
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<td>STANLEY J</td>
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<td>ACCT 244</td>
<td>INDIVIDUAL INCOME TAXATION</td>
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<td>5</td>
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<td>9:00a.m.-11:00a.m.</td>
<td>AAR 102</td>
<td>RUA D</td>
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Allied Health

AH 100 BLOOD BORNE PATHOGENS AND INFECTION CONTROL

AH 230 MANAGEMENT ISSUES IN HEALTH CARE

AH 104 HEALTHCARE FOUNDATIONS

AH 114 HEALTHCARE COMMUNICATION SKILLS

---

American Sign Language

<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>
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<tr>
<td>ASL &amp; 121</td>
<td>AM SIGN LANGUAGE I</td>
<td>1145 A</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
<td>HSB 106</td>
<td>PIETSCH D</td>
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<tr>
<td>1150 B</td>
<td>5</td>
<td>TTh</td>
<td>11:10a.m.-1:10p.m.</td>
<td>HSB 105</td>
<td>PIETSCH D</td>
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Buying Your Books

The Lower Columbia College 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 12.

---

Bookstore Hours

September 5 – 16

Monday-Thursday, 8 a.m.-4 p.m., Friday, 8 a.m.-2 p.m.

Extended hours for opening week of the quarter, check Bookstore website

Fall Quarter Hours

Monday-Thursday, 7:30 a.m.-4:30 p.m.

Friday, 7:30 a.m.-2 p.m.

Book Buyback

Summer book buyback: August 24 & 25, 8:30 a.m.-4 p.m.

Fall book buyback: December 5, 12-4:30 p.m.

December 6-8, 8:30 a.m.-4:30 p.m.

December 9, 8:30 a.m.-1 p.m.
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<th>Cred. #</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
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<td>SURVEY OF ANTHROPOLOGY: DIV</td>
<td>0984 A</td>
<td>5</td>
<td>TTh</td>
<td>1:00p.m.-3:00p.m.</td>
<td>AAR 102 BATEY T</td>
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<td>ANTH 205</td>
<td>BIOLOGICAL ANTHROPOLOGY</td>
<td>0985 A</td>
<td>5</td>
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### Art

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<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<tbody>
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<td>ART 100</td>
<td>ART APPRECIATION: DIV</td>
<td>1135 A</td>
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<tr>
<td>ART 101</td>
<td>BEGINNING DRAWING</td>
<td>0990 A</td>
<td>3</td>
<td>MW</td>
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<td>MAN 109 NEELY D</td>
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<td>ART 101</td>
<td>BASIC DESIGN</td>
<td>1015 A</td>
<td>5</td>
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<td>10:00a.m.-12:00p.m.</td>
<td>MAN 109 KOHLMEIER M</td>
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<td>ART 107</td>
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<td>1020 A</td>
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<td>ART 111</td>
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<td>ART 155</td>
<td>BEGINNING DIGITAL PHOTOGRAPHY</td>
<td>1045 A</td>
<td>5</td>
<td>TTh</td>
<td>12:30p.m.-4:00p.m.</td>
<td>MAN 118 VANDERMATEN</td>
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<td>ART 155</td>
<td>PHOTOSHOP FOR WEB &amp; PRINT</td>
<td>1055 A</td>
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<td>ART 206</td>
<td>ART OF THE AMERICAS: DIV</td>
<td>1065 DE</td>
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<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>FREY T</td>
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<tr>
<td>ART 241</td>
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<td>1070 A</td>
<td>3</td>
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<td>1:00p.m.-3:50p.m.</td>
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<td>ART 242</td>
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<td>1:00p.m.-3:50p.m.</td>
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<td>1090 A</td>
<td>3</td>
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<td>MAN 104 WOODS T</td>
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### Evening Classes

<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>
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<tbody>
<tr>
<td>ART 101</td>
<td>BEGINNING DRAWING</td>
<td>1000 N</td>
<td>3</td>
<td>TTh</td>
<td>6:00p.m.-8:50p.m.</td>
<td>MAN 109 KOHLMEIER M</td>
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<td>ART 102</td>
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<td>1005 N</td>
<td>3</td>
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<td>6:00p.m.-8:50p.m.</td>
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<td>ART 103</td>
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<td>ART 155</td>
<td>BEGINNING DIGITAL PHOTO</td>
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<td>5:00p.m.-8:30p.m.</td>
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<td>INTERMEDIATE CERAMIC ART</td>
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<td>ADVANCED CERAMIC ART</td>
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<td>MW</td>
<td>6:00p.m.-8:50p.m.</td>
<td>MAN 104 WOODS T</td>
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Lab Fee: $5.90 for ART 102
Lab Fee: $35.90 for ART 155
Lab Fee: $20.80 for ART 241
Lab Fee: $20.80 for ART 241
Lab Fee: $28.30 for ART 242
Lab Fee: $28.30 for ART 243
Lab Fee: $28.30 for ART 243
### Astronomy

#### EVENING CLASSES

**ASTR& 101 INTRODUCTION TO ASTRONOMY**

<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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</thead>
<tbody>
<tr>
<td>1160</td>
<td>5</td>
<td>T</td>
<td>5:15p.m.-6:45p.m.</td>
<td>HSB 137</td>
<td>VAZQUEZ J</td>
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</table>

Lab included. Hybrid class; partially online.

### Automotive Technology

There is a fee of $11.90 per student per quarter for all AMTC classes.

**AMTC 101 ELECTRICAL SYSTEMS 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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</thead>
<tbody>
<tr>
<td>0950</td>
<td>A</td>
<td>5</td>
<td>MTWTh</td>
<td>7:30a.m.-12:00p.m.</td>
<td>DTV 232</td>
<td>KILE C</td>
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</table>

**AMTC 102 ELECTRICAL SYSTEMS II**

<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>
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<td>7:30a.m.-12:00p.m.</td>
<td>DTV 232</td>
<td>KILE C</td>
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**AMTC 216 AUTOMATIC TRANSMISSION**

<table>
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<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<td>DTV 233</td>
<td>ROESKE G</td>
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**AMTC 217 POWERTRAINS**

<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>
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<td>ROESKE G</td>
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**AMTC 299 INDEPENDENT STUDY**

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Instructor permission required to enroll.

### Biology

**BIOL& 100 SURVEY OF BIOLOGY**

<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>9:00a.m.-10:15a.m.</td>
<td>HSB 123</td>
<td>MYERS L</td>
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Students must also enroll for one of the lab sections, BIOL& 100 LA or LB.

Lab Fee: $19.00 © Uses Alternative Educational Resources.

**BIOL& 160 GENERAL BIOLOGY—LAB**

<table>
<thead>
<tr>
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<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
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<td>1225</td>
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<td>HSB 304</td>
<td>MYERS L</td>
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<td>1230</td>
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<td>1240</td>
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<td>0</td>
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<td>1:10p.m.-3:00p.m.</td>
<td>HSB 304</td>
<td>KEPLER C</td>
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**BIOL& 215 DEA ARR ARR ARR MYERS L**

**BIOL& 220 DEB ARR ARR ARR MYERS L**

Online class.

**BIOL& 211 MAJORS BIOLOGY CELLULAR**

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
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<th>Place</th>
<th>Instructor</th>
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<tr>
<td>1250</td>
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<td>1200p.m.-2:35p.m.</td>
<td>HSB 107</td>
<td>LAPIERRE L</td>
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<td>1255</td>
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<td>TTh</td>
<td>2:50p.m.-4:40p.m.</td>
<td>HSB 304</td>
<td>LAPIERRE L</td>
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Lab included. Lab Fee: $13.80

**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1**

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
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<td>HSB 101</td>
<td>MEYERS R</td>
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Students must also enroll in one of the lab sections - BIOL& 241 LA, or LB.

Lab Fee: $13.10 © Uses Alternative Educational Resources.

**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1—LAB**

<table>
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<td>1280</td>
<td>LB</td>
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<td>1:00p.m.-3:50p.m.</td>
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<td>DAILEY V</td>
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**BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2 WITH LAB**

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

**BIOL& 260 MICROBIOLOGY**

<table>
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<th>Cred.#</th>
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Students must also enroll in one of the lab sections - BIOL& 260 LA or LB.

Lab Fee: $23.80 © Uses Alternative Educational Resources.

**BIOL& 260 MICROBIOLOGY—LAB**

<table>
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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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<tbody>
<tr>
<td>1310</td>
<td>LA</td>
<td>0</td>
<td>TTh</td>
<td>8:00a.m.-9:50a.m.</td>
<td>HSB 302</td>
<td>FULLER K</td>
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<td>1315</td>
<td>LB</td>
<td>0</td>
<td>TTh</td>
<td>10:00a.m.-11:50a.m.</td>
<td>HSB 302</td>
<td>FULLER K</td>
</tr>
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</table>

**BIOL& 260 DE 0 ARR ARR ARR FULLER K**

Online class.

**BIOL& 260 DE 0 ARR ARR ARR FULLER K**

Online class.
BUS–BTEC

Business Administration

BUS& 101  INTRODUCTION TO BUSINESS  SS
1625  A  5  T  11:10a.m.-1:10p.m.  AAR 108  CUMMINGS D
Hybrid class; partially online.  ☑ Uses Alternative Educational Resources.
1630  B  5  M  1:20p.m.-2:45p.m.  AAR 104  STUART M
Hybrid class; partially online.  ☑ Uses Alternative Educational Resources.
1635  DE  5  ARR  ARR  ARR  STUART M
Online class.  ☑ Uses Alternative Educational Resources.

BUS 104  BUSINESS MATH APPLICATIONS
1515  A  5  MW  11:10a.m.-12:35p.m.  VOC 116  CUMMINGS D
Hybrid class; partially online.

BUS 119  BUSINESS COMMUNICATIONS
1525  A  5  W  1:20p.m.-2:45p.m.  AAR 104  ALLWINE T
Hybrid class; partially online.  ☑ Uses Alternative Educational Resources.
1530  DE  5  ARR  ARR  ARR  ALLWINE T
Online class.  ☑ Uses Alternative Educational Resources.

BUS 144  MANAGEMENT OF HUMAN RELATIONS:DIV  D,SSA
1535  B  5  Th  9:00a.m.-11:00a.m.  VOC 116  ALLWINE T
Hybrid class; partially online.  ☑ Uses Alternative Educational Resources.
1540  DE  5  ARR  ARR  ARR  ALLWINE T
Online class.  ☑ Uses Alternative Educational Resources.

BUS 150  CUSTOMER SERVICE/MANAGEMENT
1555  A  5  T  11:10a.m.-1:10p.m.  MAN 145  STUART M
Hybrid class; partially online.

BUS 159  PRINCIPLES OF RETAILING
1560  DE  5  ARR  ARR  ARR  STUART M
Online class.  ☑ Uses Alternative Educational Resources.

BUS& 201  BUSINESS LAW  SS
1645  DE  5  ARR  ARR  ARR  QUIRK A
Online class.

BUS 206  STATISTICAL METHODS  NS
1570  A  5  DAILY  8:00a.m.-8:50a.m.  HSB 107  SWEE R
1575  B  5  TTh  1:20p.m.-3:20p.m.  MAN 233  MALOZZI J
Online homework and electronic textbook provided by Pearson Education. Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com
1580  DE  5  ARR  ARR  MALOZZI J
Online class.

BUS 240  PRINCIPLES OF SUPERVISION
1595  DE  5  ARR  ARR  CUMMINGS D
Online class.  ☑ Uses Alternative Educational Resources.

BUS 294  CAREER SUCCESS
1620  A  2  W  12:10p.m.-1:00p.m.  HSB 107  HOMME S
Hybrid class; partially online.

BUS–BTEC

Evening Classes

BUS 144  MANAGEMENT OF HUMAN RELATIONS:DIV  D,SSA
1550  N  5  T  5:15p.m.-7:30p.m.  VOC 116  STUART M
Hybrid class; partially online.  ☑ Uses Alternative Educational Resources.

BUS 206  STATISTICAL METHODS  NS
1590  N  5  MW  5:15p.m.-7:20p.m.  MAN 146  HEBERT M
Online homework and electronic textbook provided by Pearson Education. Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

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 3:45 p.m., testing is Monday-Friday 9 a.m. to 2 p.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 questions.

BTEC 100  COMPUTER KEYBOARDING
1330  P  1-3  ARR  AAR 109  GAITHER M
This course is graded on a pass/fail basis only. An orientation is required for this course. Sign up for orientation in AAR 109, Lab 5 or call 360.442.2710. Allow one hour for this orientation.

BTEC 104  INTRODUCTION TO BUSINESS TECHNOLOGY
1335  A  5  MW  9:00a.m.-11:00a.m.  AAR 105  GAITHER M
1340  B  5  MW  1:00p.m.-3:00p.m.  AAR 109E  GAITHER M

BTEC 105  KEYBOARD SPEED/ACCURACY
1355  P  1-4  ARR  AAR 109  GAITHER M
This course is graded on a Pass/Fail basis only.

BTEC 111  WORD PROCESSING I
1360  A  5  TTh  11:00a.m.-1:00p.m.  AAR 109  GAITHER M
No computer lab fee.

BTEC 130  ELECTRONIC CALCULATORS
1370  P  1-2  ARR  AAR 109  LEMMONS N

BTEC 139  INTRODUCTION TO DESKTOP PUBLISHING
1390  P  1-3  ARR  AAR 109  LEMMONS N

BTEC 144  ONENOTE FUNDAMENTALS
1375  P  1  ARR  AAR 109  LEMMONS N

BTEC 145  INTRODUCTION TO MS WORD
1380  P  1-5  ARR  AAR 109  GAITHER M

BTEC 146  POWERPOINT FUNDAMENTALS
1385  P  1-2  ARR  AAR 109  LEMMONS N

BTEC 147  INTRODUCTION TO OUTLOOK
1395  A  2  M  12:00p.m.-12:50p.m.  AAR 105  HOMME S
Hybrid class; partially online.

BTEC 149  INTERNET FUNDAMENTALS
1405  P  1  ARR  AAR 109  GAITHER M


**Course # Course Name**

<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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<tr>
<td>BTEC 150</td>
<td>INTRODUCTION TO GOOGLE APPLICATIONS</td>
<td>1410 P</td>
<td>1-3 ARR</td>
<td>AAR 109</td>
<td>LEMMONS N</td>
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<td>BTEC 155</td>
<td>WEBSITE MANAGEMENT</td>
<td>1415 P</td>
<td>3</td>
<td>AAR 109</td>
<td>GAITHER M</td>
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<td>BTEC 156</td>
<td>INTRODUCTION TO MS PROJECT</td>
<td>1357 A</td>
<td>3 T</td>
<td>9:00a.m.-9:50a.m.</td>
<td>AAR 109</td>
<td>LEMMONS N</td>
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<td>BTEC 164</td>
<td>LEGAL ASPECTS OF THE MEDICAL OFFICE</td>
<td>1430 P</td>
<td>1-2</td>
<td>AAR 109</td>
<td>LEMMONS N</td>
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<td>BTEC 171</td>
<td>MEDICAL RECEPTION PROCEDURES</td>
<td>1440 A</td>
<td>3</td>
<td>TTh 1:00p.m.-2:15p.m.</td>
<td>HSB 248</td>
<td>MILLUS N</td>
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<td>BTEC 181</td>
<td>MEDICAL TERMINOLOGY I</td>
<td>1470 DE</td>
<td>3 ARR</td>
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**Chemical Dependency**

**Evening Classes**

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<th>Course Name</th>
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<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tr>
<td>CDS 101</td>
<td>INTRODUCTION TO ADDICTIONS &amp; CHEMICAL DEPENDENCY</td>
<td>1650 N</td>
<td>5 MW</td>
<td>6:00p.m.-8:00p.m.</td>
<td>MAN 234</td>
<td>STAFF</td>
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<tr>
<td>CDS 108</td>
<td>COMMUNITY AND SCHOOL-BASED PREVENTION/INTERVENTION</td>
<td>1655 N</td>
<td>4 F</td>
<td>5:15p.m.-9:00p.m.</td>
<td>AAR 106</td>
<td>STAFF</td>
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Class meets Friday and Saturday, Oct. 7 & 8, 21 & 22, Nov. 4 & 5, 18 & 19.

| CDS 113 | TREATMENT PRINCIPLES AND CHEMICAL DEPENDENCY | 1660 N | 3 Th | 5:30p.m.-8:00p.m. | AAR 106 | STAFF |

| CDS 202 | CHEMICAL DEPENDENCY COUNSELING W/ DIVERSE POPULATIONS | 1665 N | 3 T | 5:30p.m.-8:00p.m. | MAN 233 | STAFF |

| CDS 215 | GROUP COUNSELING | 1670 N | 3 W | 5:30p.m.-8:00p.m. | MAN 147 | STAFF |

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

COLL 101 FIRST YEAR SEMINAR I
- 2070 A 2 MW 8:00a.m.-8:50a.m. AAR 102 BYKER B
- 2075 B 2 TTh 8:00a.m.-8:50a.m. AAR 102 DAILEY V
- 2080 C 2 TTh 9:00a.m.-9:50a.m. PSC 104 LEACH M
- 2085 D 2 TTh 9:00a.m.-9:50a.m. MAN 145 SUEK J
- 2090 DE 2 ARR ARR ARR MYERS L
  Online class.
- 2095 E 2 MW 10:00a.m.-10:50a.m. HSB 104 TRIMBLE D
- 2100 F 2 TTh 10:00a.m.-10:50a.m. HSB 107 LEACH M
- 2110 HB 2 T 1:20p.m.-2:10p.m. HSB 105 KOOIMAN J
  Hybrid class; partially online.
- 2115 I 2 MW 1:20p.m.-2:10p.m. PSC 102 RISTER M
- 2120 J 2 TTh 2:20p.m.-3:10p.m. RCA 220 SUEK J

COLL 102 FIRST YEAR SEMINAR II
- 2145 B 2 MW 11:00a.m.-11:50a.m. GYM 212 AKINS-FIELDS
- 2150 C 2 MW 1:00p.m.-1:50p.m. MAN 233 RISTER M
- 2155 DE 2 ARR ARR ARR SPAIN A
  Online class.

Computer Science

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

CS 100 INTRODUCTION TO INFORMATION SYSTEMS
- 2160 A 5 Th 11:10a.m.-1:10p.m. VOC 119 RIJNHART S
  Hybrid class; partially online.

CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS
- 2165 A 3 MWF 9:00a.m.-9:50a.m. AAR 110C ROSI D
- 2170 B 3 MW 11:00a.m.-12:00p.m. AAR 105 HOMMIE S
- 2175 C 3 TTh 11:10a.m.-12:25p.m. AAR 110C ROSI D
- 2180 DE 3 ARR ARR ARR ROSI D
  Online class. No computer lab fee.

CS 111 INTRODUCTION TO WINDOWS
- 2190 A 4 MW 9:00a.m.-11:00a.m. VOC 117 DERKACHT D

CS 121 INTRODUCTION TO SPREADSHEETS: EXCEL
- 2195 A 5 MW 9:00a.m.-10:25a.m. AAR 109E LEMMONS N
  Hybrid class; partially online.
- 2200 DE 5 ARR ARR ARR LEMMONS N
  Online class. No computer lab fee.

CS 130 INTRODUCTION TO DATABASE APPLICATIONS
- 2210 A 5 TTh 11:10a.m.-12:00p.m. AAR 109E LEMMONS N
  Hybrid class; partially online.

CS 141 PC TECHNICIAN I
- 2215 A 5 Th 1:20p.m.-2:45p.m. VOC 119 RIJNHART S
  Hybrid class; partially online.

CS 170 PROGRAMMING FUNDAMENTALS
- 2220 A 5 MWF 1:20p.m.-3:00p.m. AAR 105 DERKACHT D

CS 211 NETWORKING BASICS
- 2230 A 5 TTh 9:00a.m.-10:00a.m. VOC 119 RIJNHART S
  Prerequisite: CS 144 or instructor permission.
  Hybrid class; partially online.

CS 230 DATABASE DEVELOPMENT
- 2240 A 5 MWF 3:10p.m.-4:30p.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 Center Manager, Brian Sharp. For information, contact Brian at 360.442.2331, email bsharp@lowercolumbia.edu or stop by the Career Center, Admissions Building, Room 120.

Cooperative Education 288 students must attend a mandatory orientation either 3-4 p.m. or 5:30-6:30 p.m. on Tuesday, August 25. Orientations will be held in the Admissions Building, Room 120.

Cooperative Ed 289 students also must enroll in a 1-credit Cooperative Education 289 Seminar. The seminar focuses on work-related topics that complement the student’s work-based learning experience. The seminar meets weekly on Thursdays from 11 a.m.-12 p.m. in the Science Building, Room 102. A $14.30 lab fee will be charged for all 288 classes.

ACCT 288 0885 C J 288 1780 MASP 288 3845
ACCT 289 0890 CJ 289 1785 MASP 289 3850
AH 288 0940 ECED 288 2440 MATH 288 4180
AH 289 0945 ECED 289 2445 MATH 289 4185
ART 288 1100 EDUC 288 2535 MEDA 288 4325
ART 289 1105 EDUC 289 2540 MEDA 289 4330
AMTC 288 0970 ENGR 288 2915 MUSC 288 4620
AMTC 289 0975 ENGR 289 2920 MUSC 289 4625
BUS 288 1610 ENV 288 2950 PSYC 288 5105
BUS 289 1615 ENV 289 2955 PSYC 289 5110
BTEC 288 1495 FISC 288 3090 SPCH 288 5370
BTEC 289 1500 FISC 289 3095 SPCH 289 5375
CDS 288 1675 HLTH 288 3250 WELD 288 5755
CDS 289 1680 HLTH 289 3255 WELD 289 5760
CHEM 288 1690 HDEV 288 3170
CHEM 289 1695 HDEV 289 3175
CS 288 2245 LIBR 288 3735
CS 289 2250 LIBR 289 3740
Criminal Justice

**CJ& 101  INTRODUCTION TO CRIMINAL JUSTICE**
- Item#: 1790
- Sec.: A
- Cred.: 5
- Days: TTh
- Time: 1:20p.m.-3:20p.m.
- Place: PSC 102
- Instructor: HAMILTON A

**CJ& 110  CRIMINAL LAW**
- Item#: 1795
- Sec.: A
- Cred.: 5
- Days: TTh
- Time: 10:00a.m.-12:00p.m.
- Place: PSC 102
- Instructor: QUIRK A

Online class.

Dance

**DANCE 151  SHOW DANCE I**
- Item#: 2260
- Sec.: A
- Cred.: 1.5
- Days: MWF
- Time: 2:10p.m.-3:00p.m.
- Place: RCA 102
- Instructor: CHALLED G

**DANCE 251  SHOW DANCE IV**
- Item#: 2265
- Sec.: A
- Cred.: 1.5
- Days: MWF
- Time: 2:10p.m.-3:00p.m.
- Place: RCA 102
- Instructor: CHALLED G

Diesel/Heavy Equipment Technology

There is a fee of $11.90 per student per quarter for all DHET classes.

**DHET 100  ESSENTIALS OF MECHANICS**
- Item#: 2270
- Sec.: A
- Cred.: 5
- Days: MT
- Time: 9:30a.m.-12:00p.m.
- Place: DTV 123
- Instructor: ECKLUND K

**DHET 141  HYDRAULICS I**
- Item#: 2280
- Sec.: A
- Cred.: 5
- Days: MT
- Time: 7:50a.m.-9:30a.m.
- Place: DTV 106A
- Instructor: ECKLUND K

**DHET 142  HYDRAULICS II**
- Item#: 2290
- Sec.: A
- Cred.: 6
- Days: WTh
- Time: 8:00a.m.-11:30a.m.
- Place: DTV 123
- Instructor: ECKLUND K

**DHET 215  HEAVY DUTY ENGINE PERFORMANCE**
- Item#: 2300
- Sec.: A
- Cred.: 15
- Days: MTWTh
- Time: 12:00p.m.-4:30p.m.
- Place: DTV 106A
- Instructor: DILLINGER J

Prerequisite: DHET 102 or instructor permission.

**DHET 216  AUTO/DIESEL TUNE UP AND PERFORMANCE**
- Item#: 2305
- Sec.: A
- Cred.: 5
- Days: MTWTh
- Time: 12:00p.m.-4:30p.m.
- Place: DTV 106A
- Instructor: DILLINGER J

Prerequisite: DHET 102 or instructor permission.

**DHET 299  INDEPENDENT STUDY**
- Item#: 2315
- Sec.: MM1
- Cred.: 1-2
- Place: ARR
- Instructor: DILLINGER J

**DHET 299  INDEPENDENT STUDY**
- Item#: 2317
- Sec.: MM2
- Cred.: 1-2
- Place: ARR
- Instructor: ECKLUND K

Drafting

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

**EVENING CLASSES**

**DRFT 107  TECHNICAL GRAPHICS**
- Item#: 2320
- Sec.: N
- Cred.: 1-3
- Days: TTTh
- Time: 6:00p.m.-8:15p.m.
- Place: VOC 113
- Instructor: ROGERS K

**DRFT 151  INTRODUCTION TO CAD**
- Item#: 2325
- Sec.: N
- Cred.: 1-3
- Days: TTTh
- Time: 6:00p.m.-8:15p.m.
- Place: VOC 113
- Instructor: ROGERS K

**DRFT 154  INTRODUCTION TO 3-D ARCH CAD**
- Item#: 2330
- Sec.: MM1
- Cred.: 3
- Days: TTTh
- Time: 6:00p.m.-8:15p.m.
- Place: ARR
- Instructor: ROGERS K

**DRFT 210  ADVANCED TECHNICAL GRAPHICS**
- Item#: 2340
- Sec.: N
- Cred.: 1-3
- Days: TTTh
- Time: 6:00p.m.-8:15p.m.
- Place: VOC 113
- Instructor: ROGERS K

Prerequisite: DRFT 107 or ENGR& 121.

**DRFT 252  3D COMPUTER AIDED DRAFT**
- Item#: 2345
- Sec.: N
- Cred.: 1-3
- Days: TTTh
- Time: 6:00p.m.-8:15p.m.
- Place: VOC 113
- Instructor: ROGERS K

4 hours lab time per week to be arranged with the instructor.

**DRFT 260  SURVEY OF CIVIL AND ARCHITECTURAL GRAPHICS**
- Item#: 2350
- Sec.: N
- Cred.: 3
- Days: TTTh
- Time: 6:00p.m.-8:15p.m.
- Place: VOC 113
- Instructor: ROGERS K

**DRFT 299  INDEPENDENT STUDY**
- Item#: 2355
- Sec.: MM
- Cred.: 3
- Place: ARR
- Instructor: ROGERS K

Drama

**DRMA& 101  INTRODUCTION TO THEATRE**
- Item#: 2395
- Sec.: A
- Cred.: 5
- Days: MWF
- Time: 11:10a.m.-12:35p.m.
- Place: RCA 139
- Instructor: RICHARD B

Uses Alternative Educational Resources.

**DRMA 106  INTRODUCTION TO ACTING**
- Item#: 2360
- Sec.: A
- Cred.: 5
- Days: MWF
- Time: 2:00p.m.-3:30p.m.
- Place: RCA 131
- Instructor: RICHARD B

Uses Alternative Educational Resources.

**DRMA 116  STAGE CRAFTS I**
- Item#: 2365
- Sec.: A
- Cred.: 5
- Days: TTTh
- Time: 1:00p.m.-3:30p.m.
- Place: RCA 148
- Instructor: COCHRAN R

**DRMA 117  STAGE CRAFTS II**
- Item#: 2370
- Sec.: A
- Cred.: 5
- Days: TTTh
- Time: 1:00p.m.-3:30p.m.
- Place: RCA 148
- Instructor: COCHRAN R

**DRMA 118  STAGE CRAFTS III**
- Item#: 2375
- Sec.: A
- Cred.: 5
- Days: TTTh
- Time: 1:00p.m.-3:30p.m.
- Place: RCA 148
- Instructor: COCHRAN R

**DRMA 206  ACTING I**
- Item#: 2385
- Sec.: A
- Cred.: 5
- Days: MWF
- Time: 2:00p.m.-3:30p.m.
- Place: RCA 131
- Instructor: RICHARD B

Uses Alternative Educational Resources.

**EVENING CLASSES**

**DRMA 196  REHEARSAL & PERFORMANCE I**
- Item#: 2380
- Sec.: N
- Cred.: 1-5
- Days: ARR
- Time: 4:00p.m.-7:30p.m.
- Place: RCA 131
- Instructor: RICHARD B

Enrollment restricted to students in current production.

**DRMA 296  REHEARSAL & PERFORM IV**
- Item#: 2390
- Sec.: N
- Cred.: 1-5
- Days: ARR
- Time: 4:00p.m.-7:30p.m.
- Place: RCA 131
- Instructor: RICHARD B

Enrollment restricted to students in current production.
Early Childhood Education

ECED 099 MATH METHOD EDUCATOR III
V 2418 A 1 M 2:30p.m.-3:20p.m. SCI 102 SPAIN A

ECED& 100 CHILD CARE BASICS
V 2450 A 3 F 10:00a.m.-1:00p.m. SCI 102 AKINS-FIELDS
Hybrid class; partially online. Uses Alternative Educational Resources.

ECED& 107 HEALTH/SAFETY/NUTRITION
V 2460 A 5 Sa 8:00a.m.-4:00p.m. SCI 102 ZBAEREN J
Class will meet Saturday, October 29, 8:00 a.m.-4:00 p.m. in DTV 202 with Brittany Johnson for First Aid/CPR/BB Pathogens.
Hybrid class; partly online.

ECED& 120 PRACTICUM-NURTURING RELATIONSHIPS
V 2470 A 2 M 12:00p.m.-1:00p.m. SCI 102 AKINS-FIELDS

ECED& 139 ADMIN EARLY LRG PROG
V 2421 DE 3 ARR ARR ZBAEREN J
Online class.

ECED& 160 CURRICULUM DEVELOPMENT
V 2485 A 5 T 9:00a.m.-12:00p.m. SCI 102 WILLIAMSON A
Hybrid class; partially online.

ECED 186 GROWTH & SOCIALIZATION
V 2424 DE 3 ARR ARR BOURSAW S
For class information, contact the instructor at sboursaw@lowercolumbia.edu
Online class.

ECED 209 ECED MENTOR DEVELOPMENT
V 2428 DE 1 ARR ARR AKINS-FIELDS
Online class.

ECED 261 PRACTICUM IV/PRINCIPLES
V 2430 A 3 W 2:00p.m.-3:00p.m. SCI 102 WILLIAMSON A
Prerequisite: ENGL 101, all ECED 100-level courses and EDUC& 114 with a grade of C or better.

ECON 105 INTRODUCTION TO ECONOMICS
V 2505 A 5 MTWTh 11:10a.m.-12:00p.m. MAN 233 FRANZ J
Hybrid class; partially online. Uses Alternative Educational Resources.

ECON& 201 MICRO ECONOMICS
V 2515 A 5 TTh 9:00a.m.-10:25a.m. HSB 101 FRANZ J
Hybrid class; partially online. Uses Alternative Educational Resources.

Earth Science

ERSI 104 INTRODUCTION TO EARTH SCIENCE W/LAB
V 2960 A 5 MWF 11:10a.m.-12:00p.m. HSB 139 STAFF
TTh 12:00p.m.-1:50p.m. HSB 139 STAFF
Lab included. Field trips may be required.
Lab Fee: $13.20

ERSI 105 EARTH SYSTEMS
V 2965 DE 5 ARR ARR BARD E
Online class. Lab included.
<table>
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<th>Course Name</th>
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<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<td>Engineering Graphics I</td>
<td>2925</td>
<td>A</td>
<td>1-3</td>
<td>MW</td>
<td>2:00p.m.-4:15p.m.</td>
<td>VOC 113</td>
<td>MORRISON D</td>
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<td>Engineering Graphics II</td>
<td>2930</td>
<td>A</td>
<td>1-3</td>
<td>MW</td>
<td>2:00p.m.-4:15p.m.</td>
<td>VOC 113</td>
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**English**

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*Unless otherwise noted, a computer lab fee is charged for all Engineering classes. Prerequisite: ENGR& 121 or instructor permission. Additional information may be found in Integrated Studies: Jade Footprints – Chinese Culture in Writing and Arts. Students must enroll in ENGL 098, #2642, or ENGL 099, #2697, or ENGL& 101, #2810, and HUM 164, #3533, for a total of 10 credits. Satisfies the Diversity requirement.
Fall Events at Lower Columbia College

Rose Center for the Arts

ART GALLERY

Lisa Sipe
July 6 - August 17
Reception: July 5, 4-6 p.m.

Mariah Boyle
September 21 - October 13
Reception: Sept. 20, 4-6 p.m.

TBD
November 2 - December 1
Reception: Nov. 1, 4-6 p.m.

lowercolumbia.edu/gallery

THEATRE

Coming Soon!

Fall Production TBA
Center Stage Theatre

Symphonic Band
November 22
Jazz Night
November 28
Choir Concert
December 2

CONCERTS

A Night at the Opera
November 18

lowercolumbia.edu/aande

Meet the Faculty

A native of New Mexico, Gina Challed joined the LCC faculty in 2011 as lead voice instructor and director of choirs. Gina has performed operatic roles and concerts around the world, including England, Italy, Germany and New York City. Most recently, Gina was a featured soloist with the Portland Symphonic Choir, Bach Cantata Choir, and Southwest Washington Symphony. She also performed with the LCC choir at Carnegie Hall in New York in 2015.

Gina currently resides in Portland, Oregon with her husband and daughter, Ava Renae, and is expecting a new arrival to the family this summer. She is happily juggling her dual roles as mother and tenured faculty member at LCC.
U-Center Welcomes EWU’s Professor Peng

The Lower Columbia Regional University Center is pleased to welcome Xianghui (Richard) Peng as Eastern Washington University’s newest faculty member.

Peng is a Teaching Fellow and Ph.D. candidate in Management Science with a minor in Logistics and Supply Chain Management at the University of North Texas. He has an MBA in Operations Management and Supply Chain Management from the University of Texas at Dallas, and a bachelor’s degree in Information Engineering from Nanjing University of Aeronautics and Astronautics.

He is a member of the American Society for Quality, the Decision Sciences Institute, the Institute for Operations Research and the Management Sciences, and the Production and Operations Management Society. His research articles have been published in journals including International Journal of Production Research, Operations Management Research, and Quality Management Journal.

His research and teaching areas include operations management, quality management, supply chain management, and business analytics.

Peng was selected to serve as the torch-bearer in the Beijing 2008 Olympics.

lowercolumbia.edu/u-center
<table>
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<th>Course # Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
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<th>Time</th>
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<td>ENGL 270 LITERATURE FOR CHILDREN</td>
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**Environmental Science**

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<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
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<td>HSB 135</td>
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**Fire Science**

A $15 per-credit fee to a maximum of $150 is charged for each Fire Science class.

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**Evening Classes**

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<th>Place</th>
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<td>FISC 111 BASIC FIRE FIGHTING SKILLS</td>
<td>3070 N</td>
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<td>Th</td>
<td>6:00p.m.-10:00p.m.</td>
<td>ARR</td>
<td>THOMPSON J</td>
<td>Meets at Clark County Fire Rescue Station 21. 911 N. 45th Ridgefield, WA.</td>
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Course # | Course Name
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**Geology**

GEOL& 101 | INTRODUCTION PHYSICAL GEOLOGY | NSL
--- | --- | ---
3100 A | 5 | MWF | 9:00a.m.-9:50a.m. | HSB 139 | STAFF
TTh | 9:00a.m.-10:50a.m. | HSB 139 | STAFF
Lab Fee: $17.10

GEOL& 208 | GEOLOGY OF THE PACIFIC NW | NSL
--- | --- | ---
3105 DE | 5 | ARR | ARR | DAWES R
Online class. Lab included.

**Health**

All Health 100 sections will be charged a $12.50 fee.

HLTH 100 | OCCUPATIONAL SAFETY AND HEALTH
--- | ---
3230 A | 3 | MW | 11:10a.m.-12:25p.m. | DTV 202 | JOHNSON B
Lab Fee: $12.50

The 1st Aid/CPR session will be held on Saturday, October 8 from 8 a.m. to 5 p.m. in DTV 202. Hybrid class; partially online.

HLTH 105 | FIRST AID/CPR/BB PATHOGENS
--- | ---
3240 A | 1 | F | 12:00p.m.-1:15p.m. | GYM 212 | ROSS E
Students must log into canvas for class instructions and syllabus. Online class.

**History**

HIST& 126 | WORLD CIVILIZATION I:DIV
--- | ---
3185 A | 5 | TTh | 1:20p.m.-3:20p.m. | MAN 235 | SHAH C

HIST& 136 | US HISTORY 1
--- | ---
3195 A | 5 | MW | 11:10a.m.-12:35p.m. | MAN 145 | SHAH C
3210 DE | 5 | ARR | ARR | AUSTIN K
Online class.

HIST& 137 | US HISTORY 2
--- | ---
3215 A | 5 | MW | 9:00a.m.-11:00a.m. | HSB 105 | VAUGHN C
3220 DE | 5 | ARR | ARR | SHAH C
Online class.

**Human Development**

HDEV 080 | TRANSITIONS
--- | ---
3135 POP 2 | TWTh | 8:40a.m.-11:00a.m. | HFL 117 | SWIER K

HDEV 101 | CAREER PLANNING
--- | ---
3145 JS 2 | TTh | 10:00a.m.-11:10a.m. | RCA 218 | SHARP B
Intensive late start class. Start date: October 18, 2016. Call the Entry Center at 360.442.2311 for information.

HDEV 120 | INDIVIDUAL & GROUP RELATIONS
--- | ---
3160 A | 1-2 | M | 2:00p.m.-4:00p.m. | MAN 148 | HOUGE J

**Humanities**

HUM 106 | COMMUNITY CONVERSATIONS
--- | ---
3520 A | 1 | Th | 12:00p.m.-1:00p.m. | HSB 101 | SHAH C

Topic - Elections and Contemporary Issues

HUM 107 | HOW TO SEE A PLAY
--- | ---
3525 A | 1 | ARR | ARR | RICHARD B
Students must contact the instructor to enroll.

HUM& 116 | HUMANITIES I
--- | ---
3530 A | 5 | MWF | 1:10p.m.-2:35p.m. | AAR 129 | LEACH M

HUM 150 | ETHICS AND POLICY IN HEALTHCARE I
--- | ---
3532 A | 1 | ARR | ARR | HAMER J

HUM 164 | CULTURAL JOURNEYS: DIV
--- | ---
3533 IT | 5 | MTWTh | 9:00a.m.-11:00a.m. | MAN 147 | DIGERLANDO N
Integrated Studies: Jade Footprints – Chinese Culture in Writing and Arts. Students must enroll in ENGL 096, #2642, or ENGL 099, #2697, or ENGL& 101, #2810, and HUM 164, #3533, for a total of 10 credits. Satisfies the Diversity requirement. Uses Alternative Educational Resources.

Receive Emergency Text Alerts from LCC
lowercolumbia.edu/alerts
Individualized Certificate
The Individualized Certificate Program (ICP) provides an option for students to participate in a specialized training program combining LCC courses and a cooperative work experience with a local employer. Students will be expected to attend a classroom seminar to build a career portfolio while learning to conduct informational interviews with professionals in their field. Students will learn how to search for future employment and build an employment portfolio.

Students may earn a Certificate of Proficiency (45+ credits) by completing all credit requirements established for their specialized program.

For more information please contact the Work Based Learning Manager, Dani Trimble, at 360.442.2622 or email dtrimble@lowercolumbia.edu

ICP 101 PHARMACY STANDARDS & LAW
3535 MM 1 ARR ARR STAFF

ICP 288 CO-OP WORK EXPERIENCE
3540 A 1-7 ARR ARR STAFF
Lab Fee: $14.30

ICP 289 EMPL PORTFOLIO SEMINAR
3545 A 1 F 12:10p.m.-1:00p.m. MAN 148 TRIMBLE D

ICP 299 INDEPENDENT STUDY
3550 A 1-10 ARR ARR STAFF

Machine Trades
There is a fee of $11.90 per student per quarter for all MASP classes.

MASP 107 MACHINING FOR RELATED OCCUPATIONS
3750 A 2-6 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

MASP 111 MACHINE SHOP I
3760 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

MASP 112 MACHINE SHOP II
3775 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N
Prerequisite: 10 credits of MASP 107 and/or MASP 111.

MASP 113 MACHINE SHOP III
3785 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N
Prerequisite: 10 credits of MASP 112.

MASP 114 MACHINE SHOP IV
3800 A 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N
Prerequisite: 10 credits of MASP 113.

MASP 204 CNC MACHINING CENTER FUNDAMENTALS
3805 MK 3 ARR ARR TODD K
This section is self-paced. See instructor.

MASP 205 CNC TURNING CENTER FUNDAMENTALS
3810 MK 3 ARR ARR TODD K
This section is self-paced. See instructor.

Evening Classes
MFG 115 MANUFACTURING PROCESS
4355 A 5 DAILY 12:10p.m.-1:00p.m. VOC 113 TODD K
Computer lab fee will be charged.
Lab Fee: $24.00

MFG 140 HYDRAULICS
4365 A 4 MT 7:50a.m.-9:30a.m. DTV 106A ECKLUND K

Manufacturing
Mathematics
(See also: Math Achievement Center)

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 tutors and an instructor. See the next page.

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, 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.

### 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

Sign up at the Testing Office in the Admissions Center or call 360.442.2353 for info.

**Upcoming Dates**

2 day intensive session:
- June 13, 9 a.m.-12 p.m.
- June 14, 9 a.m.-12 p.m.
- August 30, 5-8 p.m.

2 day intensive session:
- September 7, 9 a.m.-12 p.m.
- September 8, 9 a.m.-12 p.m.

Registration Required

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### Pre-College Math

**MATH 050** REVIEW MATH-WHOLE NUMBER
- Item#: 3870
- Sec#: 1
- Cred#: 5
- Days: DAILY
- Time: 10:00a.m.-10:50a.m.
- Place: PSC 104
- Instructor: SKEIE M

Start Date: 09/19/16 End Date: 10/14/16

**MATH 078** PRE-COLLEGE MATH I
- Item#: 3871
- Sec#: 3
- Cred#: 5
- Days: DAILY
- Time: 10:00a.m.-10:50a.m.
- Place: PSC 104
- Instructor: SKEIE M

Start Date: 10/17/16 End Date: 12/02/16

**MATH 078/079** PRE-COLLEGE MATH I — 5 Credits
- Item#: 3885, 3886
- Sec#: B
- Cred#: 5
- Days: DAILY
- Time: 8:00a.m.-8:50a.m.
- Place: MAN 146
- Instructor: BABBICK L

**MATH 078/079** PRE-COLLEGE MATH I — 5 Credits
- Item#: 3890, 3891
- Sec#: E
- Cred#: 5
- Days: DAILY
- Time: 10:00a.m.-10:50a.m.
- Place: AAR 106
- Instructor: BRYKER B

**MATH 078/079** PRE-COLLEGE MATH I — 5 Credits
- Item#: 3905, 3906
- Sec#: G
- Cred#: 5
- Days: DAILY
- Time: 11:10a.m.-12:00p.m.
- Place: VOC 111
- Instructor: SKEIE M

**MATH 079/088** PRE-COLLEGE MATH I/II — 5 Credits
- Item#: 3892, 3893
- Sec#: J
- Cred#: 5
- Days: DAILY
- Time: 11:10a.m.-12:00p.m.
- Place: HSB 107
- Instructor: BRIEN R

**MATH 079/088** ESSENTIALS OF PRE-COLLEGE M II/III — 6 Credits
- Item#: 3980, 3981
- Sec#: A
- Cred#: 6
- Days: MWF
- Time: 8:00a.m.-8:50a.m.
- Place: MAN 119
- Instructor: SKEIE T

**MATH 088/089** PRE-COLLEGE MATH II — 5 Credits
- Item#: 4020, 4021
- Sec#: S
- Cred#: 5
- Days: MWF
- Time: 11:10a.m.-12:35p.m.
- Place: RCA 220
- Instructor: MALOZZI J

**MATH 089/098** PRE-COLLEGE MATH II/III — 5 Credits
- Item#: 4095, 4096
- Sec#: W
- Cred#: 5
- Days: MWF
- Time: 9:00a.m.-10:25a.m.
- Place: AAR 102
- Instructor: HERBERT M

**MATH 089/098** PRE-COLLEGE MATH II/III — 5 Credits
- Item#: 4105, 4106
- Sec#: Z
- Cred#: 5
- Days: MWF
- Time: 1:20p.m.-2:45p.m.
- Place: MAN 145
- Instructor: RHODE C

**MATH 088/089** ESSENTIALS OF PRE-COLLEGE M II/III — 6 Credits
- Item#: 3987, 3988
- Sec#: C
- Cred#: 6
- Days: MWF
- Time: 1:20p.m.-2:10p.m.
- Place: HSB 104
- Instructor: STETZER J

**MATH 088/089** PRE-COLLEGE MATH II — 5 Credits
- Item#: 4015, 4016
- Sec#: R
- Cred#: 5
- Days: DAILY
- Time: 10:00a.m.-10:50a.m.
- Place: MAN 146
- Instructor: SWEE R

**MATH 088/089** ESSENTIALS OF PRE-COLLEGE M II/III — 6 Credits
- Item#: 3990, 3991
- Sec#: DE
- Cred#: 6
- Days: ARR
- Time: ARR
- Place: ARR
- Instructor: BENJAMIN B

**MATH 089/098** PRE-COLLEGE MATH II/III — 5 Credits
- Item#: 4065, 4066
- Sec#: V
- Cred#: 5
- Days: DAILY
- Time: 9:00a.m.-9:50a.m.
- Place: VCC 111
- Instructor: MORRISON D

**MATH 098/099** PRE-COLLEGE MATH III — 5 Credits
- Item#: 4105, 4106
- Sec#: W
- Cred#: 5
- Days: MWF
- Time: 1:20p.m.-2:45p.m.
- Place: MAN 145
- Instructor: RHODE C

**MATH 098/099** PRE-COLLEGE MATH III — 5 Credits
- Item#: 4080, 4081
- Sec#: DE
- Cred#: 5
- Days: DAILY
- Time: ARR
- Place: ARR
- Instructor: MARTIN P

**MATH 098/099** PRE-COLLEGE MATH III — 5 Credits
- Item#: 4092, 4093
- Sec#: N
- Cred#: 5
- Days: MWF
- Time: 5:15p.m.-6:15p.m.
- Place: AAR 104
- Instructor: BABBICK L

**MATH 098/099** PRE-COLLEGE MATH III — 5 Credits
- Item#: 4006, 4007
- Sec#: N
- Cred#: 5
- Days: TTh
- Time: 5:15p.m.-7:20p.m.
- Place: AAR 104
- Instructor: ALBERTSON E
### Course Schedule

<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>
</table>

#### College-Level Math

**MATH 105**  **MATH FOR HEALTH SCIENCES**  
4135 A  5  MWF  1:20p.m.-2:45p.m.  
VOC 112  SWEE R

**MATH 106**  **INDUSTRIAL MATH**  
4140 A  5  MWF  1:20p.m.-2:45p.m.  
AAR 106  BRIEN R

**MATH& 107**  **MATH IN SOCIETY**  
4205 A  5  MWF  1:20p.m.-2:45p.m.  
MAN 147  SAMUELS S

Prerequisite: MATH 099 with a grade of C or better.

**MATH 106**  **INDUSTRIAL MATH**  
4210 B  5  MWF  9:00a.m.-10:25a.m.  
HSB 107  RHODE C

Prerequisite: MATH 099 with a grade of C or better.

**MATH& 107**  **MATH IN SOCIETY**  
4215 A  5  MWF  11:10a.m.-12:55p.m.  
MAN 146  SKEIE T

**MATH& 108**  **MATH FOR ELEMENTARY EDUCATION 1**  
4220 A  5  MWF  11:10a.m.-12:35p.m.  
HSB 105  SAMUELS S

**MATH& 109**  **MATH IN SOCIETY**  
4225 B  5  MWF  11:20a.m.-12:30p.m.  
MAN 146  RHODE C

This is a linked class. Students must also register for MATH& 142 LS, #4231.

**MATH& 110**  **MATH FOR ELEMENTARY EDUCATION 1**  
4230 LS  5  MTWTh  1:20p.m.-3:20p.m.  
MAN 146  BENJAMIN B

This is a linked class. Students must also register for MATH& 142 LS, #4231.

**MATH& 131**  **MATH FOR ELEMENTARY EDUCATION 1**  
4235 A  5  MWF  11:10a.m.-12:35p.m.  
AAR 104  HERBERT M

**MATH& 141**  **PRECALCULUS I**  
4240 A  5  MWF  11:10a.m.-12:35p.m.  
HSB 107  SWEE R

**MATH& 142**  **PRECALCULUS II**  
4245 A  5  MWF  12:20p.m.-1:45p.m.  
PSC 104  DRAUS D

**MATH& 151**  **CALCULUS I**  
4250 A  5  DAILY  11:25a.m.-12:15p.m.  
PSC 104  DRAUS D

**MATH 210**  **ELEMENTS OF STATISTICS**  
4260 A  5  DAILY  8:00a.m.-8:50a.m.  
MAN 146  SWEE R

**MATH& 254**  **CALCULUS IV**  
4270 A  5  MWF  11:10a.m.-12:25p.m.  
AAR 110  BIEN R

**MEDA 101**  **MEDICAL VOCABULARY I**  
4270 A  3  MW  1:30p.m.-2:45p.m.  
HSB 244  ENGEL E

**MEDA 102**  **MEDICAL VOCABULARY II**  
4280 A  3  MW  3:15p.m.-4:30p.m.  
HSB 244  ENGEL E

**MEDA 120**  **SURVEY OF ANATOMY AND PHYSIOLOGY**  
4290 A  5  TTh  8:30a.m.-10:45a.m.  
HSB 244  SOLADEY V

**MEDA 161**  **EXAMINING ROOM PROCEDURES I**  
4300 A  4  M  8:30a.m.-10:45a.m.  
HSB 244  SOLADEY V

**MEDA 161**  **EXAMINING ROOM PROCEDURES I—LAB**  
4310 A  0  W  8:30a.m.-10:10a.m.  
HSB 244  SOLADEY V

**MEDA 205**  **CERTIFICATION REVIEW FOR MEDICAL ASSISTANTS**  
4320 DE  2  ARR  ARR  ARR  ARR  SOLADEY V

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**Math Achievement Center**

The Math Achievement Center, located in AAR 110, is open Monday and Thursday, 9 a.m.-4 p.m., Tuesday and Wednesday, 9 a.m.-7 p.m., and Friday, 9 a.m.-3 p.m. Students work on their own with assistance of tutors and an instructor.

Students must attend a mandatory orientation the first day of the quarter at 1 p.m. or 4 p.m. in AAR 110. There is a minimum attendance requirement. You will receive this information at orientation.

Online homework and electronic textbook provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or email helpdesk@lowercolumbia.mylabsplus.com

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**Medical Assisting**

**MEDA 101**  **MEDICAL VOCABULARY I**  
4270 A  3  MW  1:30p.m.-2:45p.m.  
HSB 244  ENGEL E

**MEDA 102**  **MEDICAL VOCABULARY II**  
4280 A  3  MW  3:15p.m.-4:30p.m.  
HSB 244  ENGEL E

**MEDA 120**  **SURVEY OF ANATOMY AND PHYSIOLOGY**  
4290 A  5  TTh  8:30a.m.-10:45a.m.  
HSB 244  SOLADEY V

**MEDA 161**  **EXAMINING ROOM PROCEDURES I**  
4300 A  4  M  8:30a.m.-10:45a.m.  
HSB 244  SOLADEY V

**MEDA 161**  **EXAMINING ROOM PROCEDURES I—LAB**  
4310 A  0  W  8:30a.m.-10:10a.m.  
HSB 244  SOLADEY V

**MEDA 205**  **CERTIFICATION REVIEW FOR MEDICAL ASSISTANTS**  
4320 DE  2  ARR  ARR  ARR  ARR  SOLADEY V

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**Evening Classes**

**MATH 125**  **APPLIED COLLEGE ALGEBRA**  
4150 N  5  TTh  5:15p.m.-7:20p.m.  
MAN 146  RHODE C

**MATH 210**  **ELEMENTS OF STATISTICS**  
4175 N  3  MW  5:15p.m.-7:20p.m.  
MAN 146  RHODE C

Online homework and electronic textbook provided by Pearson Education. Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com
### Music

<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>MUSC 100</td>
<td>FUNDAMENTALS OF MUSIC</td>
<td>H</td>
<td>4370 A</td>
<td>5</td>
<td>Th</td>
<td>10:00a.m.-12:00p.m.</td>
<td>RCA 220</td>
<td>DAVIS R</td>
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<td></td>
<td>Hybrid class; partially online.</td>
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<td>Uses Alternative Educational Resources.</td>
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<tr>
<td>MUSC 101</td>
<td>THEORY/MUSICIERSHIP I</td>
<td>H</td>
<td>4375 A</td>
<td>5</td>
<td>MWF</td>
<td>10:00a.m.-11:25a.m.</td>
<td>RCA 218</td>
<td>DAVIS R</td>
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<td>Concurrent enrollment in MUSC 111 required.</td>
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</tr>
<tr>
<td>MUSC &amp; 105 MUSIC APPRECIATION</td>
<td>H</td>
<td>4630 DE</td>
<td>5</td>
<td>ARR</td>
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<td>ARR</td>
<td>ARR</td>
<td>CHALLED G</td>
</tr>
<tr>
<td>MUSC 106</td>
<td>KEYBOARD SKILLS I</td>
<td>H</td>
<td>4380 A</td>
<td>1</td>
<td>Th</td>
<td>1:00p.m.-2:30p.m.</td>
<td>RCA 221</td>
<td>DAVIS R</td>
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<td>Hybrid class; partially online.</td>
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<td>Uses Alternative Educational Resources.</td>
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<tr>
<td>MUSC 107</td>
<td>KEYBOARD SKILLS II</td>
<td>H</td>
<td>4381 A</td>
<td>1</td>
<td>Th</td>
<td>1:00p.m.-2:30p.m.</td>
<td>RCA 221</td>
<td>DAVIS R</td>
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<td>Hybrid class; partially online.</td>
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<td>Uses Alternative Educational Resources.</td>
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<tr>
<td>MUSC 108</td>
<td>KEYBOARD SKILLS III</td>
<td>H</td>
<td>4382 A</td>
<td>1</td>
<td>Th</td>
<td>1:00p.m.-2:30p.m.</td>
<td>RCA 221</td>
<td>DAVIS R</td>
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<td>Hybrid class; partially online.</td>
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<td>Uses Alternative Educational Resources.</td>
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<tr>
<td>MUSC 111</td>
<td>EAR TRAINING I</td>
<td>H</td>
<td>4385 A</td>
<td>1</td>
<td>MW</td>
<td>11:25a.m.-11:50a.m.</td>
<td>RCA 218</td>
<td>DAVIS R</td>
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<td>Uses Alternative Educational Resources.</td>
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<tr>
<td>MUSC 115</td>
<td>GROUP PIANO INSTRUCTION</td>
<td>D,H</td>
<td>4387 A</td>
<td>2</td>
<td>Th</td>
<td>1:00p.m.-2:30p.m.</td>
<td>RCA 221</td>
<td>DAVIS R</td>
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<td>Hybrid class; partially online.</td>
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<td>Uses Alternative Educational Resources.</td>
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<tr>
<td>MUSC 119</td>
<td>AMERICAN MUSIC:DIV</td>
<td>D,H</td>
<td>4390 DE</td>
<td>5</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>NORWOOD K</td>
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<tr>
<td>MUSC 121</td>
<td>BEGINNING GUITAR</td>
<td></td>
<td>4395 A</td>
<td>2</td>
<td>TTh</td>
<td>3:30p.m.-4:30p.m.</td>
<td>RCA 102</td>
<td>HARBAUGH K</td>
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<td>Guitars are provided for students to use. Students will be allowed to take guitars home for practice.</td>
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<tr>
<td>MUSC 134</td>
<td>STRING CHAMBER MUSIC</td>
<td>H,P</td>
<td>4405 A</td>
<td>1</td>
<td>ARR</td>
<td>ARR</td>
<td>DAVIS T</td>
<td>Lab Fee: $7.50</td>
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<td>MUSC 141</td>
<td>CONCERT CHOIR I</td>
<td>H,P</td>
<td>4410 A</td>
<td>1.5</td>
<td>MWF</td>
<td>1:10p.m.-2:00p.m.</td>
<td>RCA 102</td>
<td>CHALLED G</td>
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### EVENING CLASSES

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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 in the discipline 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. Please contact Bev Ylen, Nursing and Allied Health Program Assistant, 360.442.2860 for course information and to register.

### EVENING CLASSES

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### Nutrition

**NUTR 101 NUTRITION**<br>Item# 4805 Sec.# 5 Cred.# MW 9:00a.m.-10:20a.m. GYM 212 Instructor KOOIMAN J<br>Hybrid class; partially online. Uses Alternative Educational Resources.<br><br>**NUTR 101 A**<br>Item# 4810 Sec.# 5 Cred.# TTh 10:00a.m.-11:15a.m. GYM 212 Instructor ROSS E<br>Uses Alternative Educational Resources.<br><br>**NUTR 101 C**<br>Item# 4813 Sec.# 5 Cred.# TTh 2:00p.m.-2:50p.m. GYM 211 Instructor SANCHEZ E<br>Hybrid class; partially online.<br><br>**NUTR 101 DE**<br>Item# 4815 Sec.# ARR Cred.# ARR Instructor ROSS E<br>Online class. Uses Alternative Educational Resources.<br><br>**NUTR 101 DE1**<br>Item# 4820 Sec.# ARR Cred.# ARR Instructor PECORE J<br>Online class. Uses Alternative Educational Resources.<br><br>**NUTR 101 DE2**<br>Item# 4825 Sec.# ARR Cred.# ARR Instructor ROSS E<br>Online class. Uses Alternative Educational Resources.

### Oceanography

**OCEA 101 INTRODUCTION TO OCEANOGRAPHY**<br>Item# 4830 Sec.# ARR Cred.# ARR Instructor KHANDRO L<br>Online class. Lab included.

### Philosophy

**PHIL 101 INTRODUCTION TO PHILOSOPHY**<br>Item# 5005 Sec.# 5 Cred.# MWF 9:00a.m.-10:25a.m. RCA 220 Instructor LEACH M

### Physical Education

A $7.20 fee is charged for each Physical Education class.

**PHED 104 BEGIN PILATES & STRETCH**<br>Item# 4850 Sec.# B Cred.# 1 TTh 12:00p.m.-12:50p.m. GYM 210 Instructor SKERBECK C

**PHED 106 YOGA FOR BEGINNERS**<br>Item# 4855 Sec.# A Cred.# 1 MW 9:00a.m.-9:50a.m. GYM 210 Instructor ROSS E

**PHED 120 CROSS TRAINING**<br>Item# 4860 Sec.# 2 TTh 11:00a.m.-11:50a.m. GYM 113 Instructor SANCHEZ E<br>Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center. Hybrid class; partially online.

**PHED 126 AEROBIC EXERCISE**<br>Item# 4870 Sec.# 2 Cred.# MWF 11:00a.m.-11:50a.m. GYM 210 Instructor ROSS E<br>Uses step boxes, kickboxing, spinning bikes, aerobic moves. Includes a small focus on muscular strength with stability balls, Bosu balls, weighted bars and balls and a focus on core. All fitness levels welcome!

**PHED 128 WEIGHT TRAINING**<br>Item# 4875 Sec.# A Cred.# 1 TTh 9:00a.m.-9:50a.m. GYM 113 Instructor SANCHEZ E

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**PHED 140 BASKETBALL: MEN**<br>Item# 4880 Sec.# A Cred.# DAILY 4:00p.m.-5:00p.m. GYM 116 Instructor ROFFLER J

**PHED 141 BASKETBALL: WOMEN**<br>Item# 4885 Sec.# A Cred.# DAILY 2:00p.m.-3:00p.m. GYM 116 Instructor MEADORS C

**PHED 146 FASTPITCH SOFTBALL-WOMEN**<br>Item# 4890 Sec.# A Cred.# DAILY 3:00p.m.-5:00p.m. ARR Instructor FULLER T

**PHED 149 APPLIED SOCCER-WOMEN**<br>Item# 4895 Sec.# A Cred.# MTWTh 3:10p.m.-5:10p.m. GYM 211 Instructor CRUSER H

**PHED 152 PERSONALIZED FITNESS**<br>Item# 4900 Sec.# DE Cred.# 1-2 ARR ARR Instructor ROSS E<br>Students must log into canvas for class instructions and syllabus. Online class.

**PHED 155 ROCK CLIMBING-BEGINNING**<br>Item# 4907 Sec.# A Cred.# MW 1:00p.m.-1:50p.m. GYM 113 Instructor HAYES E

**PHED 160 BASEBALL**<br>Item# 4910 Sec.# A Cred.# MTWTh 2:00p.m.-4:30p.m. GYM 212 Instructor SMITH E

**PHED 167 APPLIED VOLLEYBALL**<br>Item# 4915 Sec.# 2 Cred.# DAILY 3:30p.m.-4:00p.m. GYM 212 Instructor SMITH C<br>Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center. Hybrid class; partially online.

**PHED 204 INTERMEDIATE PILATES & STRETCH**<br>Item# 4920 Sec.# B Cred.# 1 TTh 12:00p.m.-12:50p.m. GYM 210 Instructor SKERBECK C

**PHED 220 CROSS TRAINING**<br>Item# 4935 Sec.# 2 Cred.# TTh 11:00a.m.-11:50a.m. GYM 113 Instructor SANCHEZ E<br>Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center. Hybrid class; partially online.

**PHED 226 AEROBIC EXERCISE**<br>Item# 4940 Sec.# A Cred.# MWF 11:00a.m.-11:50a.m. GYM 210 Instructor ROSS E<br>Uses step boxes, kickboxing, spinning bikes, aerobic moves. Includes a small focus on muscular strength with stability balls, Bosu balls, weighted bars and balls and a focus on core. All fitness levels welcome!

**PHED 228 WEIGHT TRAINING**<br>Item# 4945 Sec.# A Cred.# 1-2 TTh 9:00a.m.-9:50a.m. GYM 113 Instructor SANCHEZ E

**PHED 240 BASKETBALL: MEN**<br>Item# 4950 Sec.# A Cred.# DAILY 4:00p.m.-5:00p.m. GYM 116 Instructor ROFFLER J

**PHED 241 BASKETBALL: WOMEN**<br>Item# 4955 Sec.# A Cred.# DAILY 2:00p.m.-3:00p.m. GYM 116 Instructor MEADORS C

**PHED 246 FASTPITCH SOFTBALL-WOMEN**<br>Item# 4960 Sec.# A Cred.# DAILY 3:00p.m.-5:00p.m. ARR Instructor FULLER T

**PHED 249 APPLIED SOCCER-WOMEN**<br>Item# 4965 Sec.# 2 Cred.# MTWTh 3:10p.m.-5:10p.m. GYM 212 Instructor CRUSER H

**PHED 252 PERSONALIZED FITNESS**<br>Item# 4970 Sec.# DE Cred.# 1-2 ARR ARR Instructor ROSS E<br>Students must log into canvas for class instructions and syllabus. Online class.

**PHED 252 PERSONALIZED FITNESS**<br>Item# 4975 Sec.# DE Cred.# 1-2 ARR ARR Instructor SANCHEZ E<br>Students must log into canvas for class instructions and syllabus. Online class.
### Physical Science

**Evening Classes**

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Lab included. Lab Fee: $13.20

### Physics

**PHYS & 114 General Physics I NS**

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Students must also enroll in one of the lab sections, PHYS & 114 LA, LB or LC. Lab Fee: $13.20

**PHYS & 114 General Physics I—Lab**

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**PHYS & 221 Engineering Physics I NSL**

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Students must also enroll in one of the lab sections, PHYS & 221 LA, LB or LC. Lab Fee: $13.20

**PHYS & 221 Engineering Physics I—Lab**

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### Political Science

**POLS & 101 Introduction to Political Science SS**

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Uses Alternative Educational Resources.

**POLS & 202 American Government SS**

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Uses Alternative Educational Resources.

### Process Manufacturing

**PMFG 150 Electrical and Electronic Fundamentals**

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### Psychology

**PSYC & 100 General Psychology SS**

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**PSYC & 200 Lifespan Psychology SS**

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**PSYC & 150 Psychosocial Issues in Health Care I SS**

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<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<tbody>
<tr>
<td>5148</td>
<td>A</td>
<td>2</td>
<td>ARR</td>
<td>ARR</td>
<td>ARR</td>
<td>STRAYER M</td>
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Online class.

**PSYC & 100 General Psychology SS**

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<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<tr>
<td>5150</td>
<td>N</td>
<td>5</td>
<td>T</td>
<td>5:30p.m.-7:45p.m.</td>
<td>MAN 234</td>
<td>TUCKER J</td>
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Hybrid class; partially online.

---

Receive Emergency Text Alerts from LCC lowercolumbia.edu/alerts
### Sociology

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<th>Course Name</th>
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<th>Days</th>
<th>Time</th>
<th>Place</th>
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<tr>
<td>SOC&amp; 101</td>
<td>INTRODUCTION TO SOCIOLOGY:DIV</td>
<td>5</td>
<td>1</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
<td>MAN 235</td>
<td>WEAVER N</td>
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<td>9:00a.m.-10:25a.m.</td>
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<td>5210 DE</td>
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### Spanish

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

After registering, students must contact Alex Emerson at aemerson@lowercolumbia.edu or 360.442.2638 or AAR 152.

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

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
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<th>Cred.</th>
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<td>AAR 104</td>
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<td>ARR</td>
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<td>ARR</td>
<td>EMERSON A</td>
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<td>ARR</td>
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### Speech

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<th>Course Name</th>
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<th>Cred.</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<td>INTERPERSONAL COMMUNICATION</td>
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<td>NEILL S</td>
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<td></td>
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<td></td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
<td>RCA 139</td>
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<td>TTh</td>
<td>10:00a.m.-12:00p.m.</td>
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<td>TTh</td>
<td>11:10a.m.-1:10p.m.</td>
<td>RAC 139</td>
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<td>MW</td>
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<td>AAR 102</td>
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<td>DE</td>
<td>ARR ARR ARR ARR</td>
<td>ARR</td>
<td>STAFF</td>
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<tr>
<td></td>
<td>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.</td>
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<td>SPCH 114</td>
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<td>PELLHAM P</td>
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<td>MW</td>
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<td>MW</td>
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<td>FORENSIC MANAGEMENT AND ORGANIZATION</td>
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### Technology

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<th>Course Name</th>
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<th>Cred.</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<td>TECH 100</td>
<td>ADVANCED PRINCIPLES OF TECHNOLOGY</td>
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<td>1</td>
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<td></td>
<td>GERICK J</td>
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</table>

### 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 & 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
# Welding Technology

A $11.90 per-credit fee to a maximum of $119 is charged for each welding class.

## WELD 105 RELATED WELDING I

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
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<td>VOC 161</td>
<td>EVALD A</td>
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<tr>
<td>5515 B</td>
<td>1-6</td>
<td>MWF</td>
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## WELD 151 INTRODUCTION TO OXY ACETYLENE

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<td>5555 C</td>
<td>1-6</td>
<td>MWF</td>
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## WELD 152 INTRODUCTION TO ARC WELDING

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<th>Sec.#</th>
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## WELD 221 WIRE MACHINE

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## WELD 222 ADVANCED WIRE MACHINE

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<th>Days</th>
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## WELD 254 ARC WELDING

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## WELD 255 ADVANCED WELDING PROCESSES

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## WELD 256 ADVANCED WELDING APPLICATION

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## WELD 299 INDEPENDENT STUDY

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<td>5765 A</td>
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<td>ARR</td>
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<td>WELD FACULTY</td>
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Instructor permission required to enroll.
Adult Basic Education

Adult Basic Education offers students who are 16 years or older, the opportunity to improve their reading, writing, oral communication, critical thinking, technology and math skills so they can move through college and into high-demand jobs. Students can brush up on their basic skills in preparation for college-level courses or technical training, complete their high school diploma, or prepare for the General Education Development (GED®).

Classes are $25 per quarter and students may enroll at any time. Skills assessment is required for initial placement. Students 16-18 need a signed release from their high school district office. For more information, call 360.442.2580.

Longview ABE Classes
Lower Columbia College
(15th Ave., Vocational Building)
Daily 8:30 a.m.-9:20 a.m.
9:30 a.m.-10:20 a.m.
10:30 a.m.-11:20 a.m.
11:30 a.m.-12:20 p.m.
12:30 p.m.-1:20 p.m.
1:30 p.m.-2:20 p.m.
2:30 p.m.-3:20 p.m.
3:30 p.m.-5:00 p.m.
Mon–Thurs 6:00 p.m.-9:00 p.m.

HS 21+ Portfolio & GED Fast Track
(15th Avenue, Applied Arts 101)
Intensive, individualized instruction.
Mon–Fri 11:30 a.m.-1:20 p.m.
Mon–Thurs 6:00 p.m.-8:50 p.m.

Goodwill (15th Avenue)
Mon–Thurs 10:00 a.m.-11:50 a.m.
Mon–Thurs 12:30 p.m.-2:10 p.m.

Woodland ABE Classes
Woodland Primary School
(600 Bozarth Ave, Woodland)
Tues & Thurs 6:00 p.m.-9:00 p.m.

I-BEST Job Training
Do you need better reading, writing, mathematics, English or study skills to move up to a better job? I-BEST career training programs offer extra help for ABE and ESL students. See page 10.

High School 21+
High School 21+ is for students who want to finish their high school diploma and prepare for college or career at an affordable price. Both day and evening classes are available. Call 360.442.2580 for more information.

English as a Second Language

English as a Second Language offers students who are 16 years or older, the opportunity to improve their reading, writing, oral communication, critical thinking and technology skills so they can transition to Adult Basic Education classes, through college programs and into high-demand jobs. Students can improve their basic skills, earn credits toward their high school diploma, or prepare for the General Education Development (GED®).

Classes are $25 per quarter and students may enroll at any time. Skills assessment is required for initial placement. Students 16-18 need a signed release from their high school district office. For more information, call 360.442.2580.

Longview ESL Classes
Lower Columbia College
(15th Ave., Vocational Building)
Daily 8:30 a.m.-11:00 a.m.
9:30 a.m.-11:20 a.m.
Mon–Thurs 6:00 p.m.-9:00 p.m.

Broadway School (8th Avenue and Broadway)
Tues–Thurs 9:00 a.m.-10:55 a.m.

Woodland ESL Classes
Woodland Primary School
(600 Bozarth Ave, Woodland)
Mon & Wed 6:00-9:00 p.m.

LCC Offers New High School Diploma Program For Adults

Adults, age 21 and older, have a new, low-cost option to earn a high school diploma through a program now available at Lower Columbia College. The HS21+ program is a comprehensive, competency-based approach tailored to adult learning styles, with both day and evening classes on campus and in the community.

Students earn credit toward a high school diploma both through classroom studies and by demonstrating knowledge gained in the workplace, life experiences and military service. Previous high school and college studies also count.

LCC instructors and staff assess students’ experiences to measure any gaps in education and work readiness and then create a plan to help them complete studies needed for their diploma.

HS21+ students are eligible for the Basic Skills tuition rate of $25 per quarter for classes needed to earn a diploma. Students may begin studies at any time. To get started, contact the Transitional Studies Department at 360.442.2580.

LCC began offering the HS21+ program in Summer 2013. Since then, over 200 students have completed studies to graduate with their high school diploma. Even better, many graduates have continued on to college studies.
Myers-Briggs for Work Groups

Build a stronger, more effective team and a healthier organization using the Myers-Briggs type indicator assessment.

MBTI is one of the most widely-used psychological instruments for describing and measuring personality characteristics. The MBTI will help you understand your employees' strengths, weaknesses, and the way they perceive and process information.

There are 16 Myers-Briggs personality types and once a type is determined, an employee will have a better understanding of the best way to approach work, manage their time, problem solve, make decisions and deal with stress.

To learn more about using the MBTI Instrument with teams and work groups contact Hahli Clark, 360.442.2611, hclark@lowercolumbia.edu.

Certifying Essential Work Skills

The National Career Readiness Certificate™ (NCRC®) is based on an individual's performance on three WorkKeys® skills assessments: Applied Mathematics, Locating Information, and Reading for Information.

These assessments measure a range of essential work skills, including the ability to:

- Perform basic mathematic operations relevant to the workplace
- Read and understand documents commonly found in the workplace
- Find information presented in common workplace graphics
- Determine the relevance of written information to work-related tasks
- Apply information derived from graphics to work-related problems

The NCRC gives individuals proof that they possess the skills employers deem essential to workplace success.

Cowlitz County is a Work Ready Community! Earn your certificate today. Call 360.442.2601 or 360.442.2611 for more information.

Mental Health First Aid Training

Just as CPR helps you assist an individual having a heart attack, even if you have no clinical training, Mental Health First Aid helps you assist someone experiencing a mental health related crisis. In the Mental Health First Aid course, you learn risk factor and warning signs for mental health and addiction concerns, strategies for how to help someone in both crisis and non-crisis situations, and where to turn for help.

The 8-hour Mental Health First Aid course helps participants not only gain confidence in their capacity to approach and offer assistance to others, but also to improve their own personal mental health.

Call 360.442.2611 for more information or to inquire about upcoming classes.

Grant Writing Basics for Small Organizations

This course will prepare students for writing grant proposals to local and regional funding organizations, searching for funders and matching your organization's project with the appropriate foundation. The course will cover the elements of a grant proposal, budget development and providing evaluation and metrics to measure the impact of your project on your community. The presentation includes ample time for questions/answers and audience discussion.

Outcomes for learning: The ability to evaluate the best funder and prepare a grant proposal including:

- Evaluating appropriate funding sources to match your needs
- Creating a checklist to prepare your application for funding
- Practice in drafting a case statement, a hands-on exercise

Thursday, September 29 and October 6
8 a.m.-12 p.m., Don Talley Building, Room 201
$89
About Corporate and Continuing Education

For the latest information about Continuing Education, see lowercolumbia.edu/ce or visit us on Facebook at “Lower Columbia College Continuing Education.”

It’s easy to sign up for classes:
• Sign up online at lowercolumbia.edu/ce
• OR call 360.442.2840 or 360.442.2600 to sign up over the phone with a Visa or a 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!
Continuing Education: 360.442.2840 or 360.442.2600
Business & Workforce Training:
360.442.2601 or 360.442.2611
Caregiving: 360.442.2602

Refund Policy:
A refund will be made to students who officially withdraw from a class according to this schedule: 100% Refund will be issued up until the end of the first instructional week. 50% Refund will be issued up until the end of the third instructional week. Non Refundable after the third week of class. If the course is canceled, a full refund will be made.

Continuing Education Online:
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
The Ed2go online instruction center is the leader in online learning for adults, providing quality online continuing education courses geared for you! These 6-week, highly interactive classes start the third Wednesday of each month. Most require only Internet access and an email account. Choose from Career & Professional, Computers & Technology, Personal Development, Writing & Publishing, and more!

■ GATLIN EDUCATION SERVICES
www.gatlineducation.com/lccbic
LCC, in partnership with Gatin Education Services (GES), offers online open-enrollment programs designed to provide skills necessary to acquire professional level positions for many in-demand occupations. These programs are developed by a team of professionals from each field. Instructors/mentors are actively involved in your learning experience, responding to questions or concerns and encouraging and motivating students to succeed.
Areas of interest include: Healthcare & Fitness, Business & Professional, IT & Software Development, Management & Corporate, Media & Design, Hospitality & Gaming, Skilled Trades & Industrial, Sustainable Energy & Going Green, and more!

Art & Culture

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) $95
CLCE 031 A 8085 M 9/19-11/14 5-8 p.m.

Glass Painting
Discover the art of painting on glass. In this age of repurposing, glass painting is a great way to give new life to old windows, mirrors, Mason jars, and numerous other glass items. We will investigate methods for transferring images onto glass, preparing surfaces, and applying paints made for this unique application. From decorative applications to creating sophisticated finished imagery. MAN 109 (Wade) $75
CLCE 018 B 8090 W 9/21-11/16 5-7 p.m.

Colored Pencil Techniques
Investigate the rich color possibilities of the colored pencil. This course will examine techniques for loose sketching, embellishing ink drawings and photocopied images, and drawing on toned surfaces. Artists can work in a highly detailed method, or abstractly. We will investigate a variety of blending, layering, burnishing, and direct drawing techniques. Students with all levels of experience will find the colored pencil an extremely flexible and vibrant drawing tool.
DTV 201 (Wade) $75
CLCE 018 C 8095 Th 9/22-11/17 5-7 p.m.

Metal Art
This class will inspire you to find scraps and assist you in exploring different techniques to express your creative side. You will review safety and welding techniques and develop and understanding of different materials and how to manipulate them. You will explore different forms of metal sculptures and even produce a work of your own art by class end. Previous welding experience is preferred, work at your own pace. LCC Welding Shop (Fountain) $99
To register or for more information, call 360.442.2840.

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! RCA 102 (Challed)
CLCE 021 A 8115 M 9/19-12/5 7-9 p.m.

Symphonic Band
Non-credit 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)
CLCE 023 A 8125 Th 9/22-12/8 7-9 p.m.
**Health & Wellness**

**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. Students in our aquatic fitness program benefit by burning calories, building strength as they work against 12 times the resistance of air, and increasing metabolism. Join our aquatic instructor at the Dick Mealy Pool as she leads you through a variety of exercises to get you moving and feeling great! (Dickey) $69

CLCE 035 A 8225 MTTh 9/12-12/8 12-12:55 p.m.

**Zumba Fitness**
I’ve never heard of a party where you can burn 540 calories in an hour, but in Zumba Fitness with Tracy Davis you can! 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! GYM 210 (Davis) $59  No class 11/24

Session One
CLCE 030 A 8195 TTh 9/13-11/3 5:30-6:30 p.m.

Session Two
CLCE 030 B 8196 TTh 11/8-12/22 5:30-6:30 p.m.

**Pilates Core Challenge**
Pilates is a form of exercise that emphasizes the balanced development of the body through core strength, flexibility and awareness to support a graceful movement. Focusing on 6 principles, your Pilates workout will incorporate centering, control, flow, breath, precision and concentration. As core strength is the corner stone of Pilates, you will develop your core strength and stability throughout your entire torso, helping to create a stronger YOU! GYM 210 (Poole) $60

Session One
CLCE 034 A 8215 MW 9/26-10/26 5:30-6:30 p.m.

Session Two
CLCE 034 B 8220 MW 10/31-11/30 5:30-6:30 p.m.

**Better Bones and Balance**
Wouldn’t you love to improve your balance and strength? In our Better Bones and Balance classes, you will do just that! These classes have been designed to gradually improve balance and strength and significantly slow the rate of bone loss. Our classes are safe for individuals with osteoporosis and osteopenia. Bring a pair of indoor shoes, a mat and hand weights (3, 4, or 5 pounds). Classes meet at Youth and Family Link Gym. (Swanson, Bain) $49

Session One - No class 10/31-11/3
CLCE 036 A 8230 MW 9/12-11/16 7-7:50 a.m.
CLCE 036 B 8235 MW 9/12-11/16 8-8:50 a.m.
CLCE 036 C 3240 MW 9/12-11/16 9-9:50 a.m.

Session Two - No class 12/19-12/29
CLCE 036 D 8231 MW 11/28-2/8 7-7:50 a.m.
CLCE 036 E 8236 MW 11/28-2/8 8-8:50 a.m.
CLCE 036 F 3241 MW 11/28-2/8 9-9:50 a.m.

**Beginning Better Bones & Balance**
For beginners or anyone who prefers a lower intensity class. Please bring hand weights (3, 4, or 5 pounds). Classes meet at the Youth and Family Link Gym. (Bain) $49

Session One - No class 10/31-11/3
CLCE 032 A 8205 MW 9/12-11/16 10-10:50 a.m.

Session Two - No class 12/19-12/29
CLCE 032 B 8206 MW 11/28-2/8 10-10:50 a.m.

**Basic Better Bones and Balance**
This class is for you if you have not exercised for a while, or you’re being released from a medical injury. Stretching, strengthening and having fun is the basis for this class. Some standing and lots of chair exercising. The power of movement is what it’s all about. Classes meet at the Youth and Family Link Gym. (Bain) $49

Session One - No class 10/31-11/3
CLCE 033 A 8210 MW 9/12-11/16 11-11:50 a.m.

Session Two - No Class 12/19-12/29
CLCE 033 B 8211 MW 11/28-2/8 11-11:50 a.m.

**Low Impact Aerobics**
If you register for Low Impact Aerobics and currently take Better Bones and Balance, it's $14. If you are registering for just Low Impact Aerobics, it's $20.

This is a great way to increase stamina, flexibility and cardio endurance. Movements are gentle on the joints and easy to follow. From beginning to advanced levels of intensity, work at your own pace! Classes meet at the Youth and Family Link Gym. (Bain)

Session One - No class 10/31-11/3
CLCE 031 A 8200 Th 9/15-11/17 10:15-11:05 a.m. $14
CLCE 031 B 8201 Th 9/15-11/17 10:15-11:05 a.m. $20

Session Two - No class 12/19-12/29
CLCE 031 A 8202 Th 12/1-2/9 10:15-11:05 a.m. $14
CLCE 031 B 8203 Th 12/1-2/9 10:15-11:05 a.m. $20
Champoeg Living History:  
**Fur Trappers Encampment-NEW**
Journey back in time and visit an authentic fur trapper's encampment. In the early 1800's the bank of the Willamette River at Champoeg was home to fur trappers and their families. You will get to walk through the tents and work stations, watch demonstrations of trapping, shooting and cooking. You’ll get a glimpse at what life was really like for these men and their families. It will be a day to remember! (Staff) $30

CLCE 038 A  8550  Sa  9/24  9 a.m.-4 p.m.

**Seattle Art Museum-NEW**
Join us for a trip to the Seattle Art Museum. SAM has been carved into Seattle’s landscape and has been the center for visual arts since 1933. Collections range from African to Ancient Mediterranean and focus on creating a connection between cultures and centuries. Be sure to visit Taste, which provides high quality, locally sourced food like soups, salads and sandwiches. (Staff) $40

CLCE 038 B  8555  Sa  10/22  8 a.m.-4 p.m.

Computers & Technology

**Computer Basics 1**
Create a foundation by learning basic skills that can be used with the Windows software. Learn to create, save and open simple documents and files. The instructor will help you feel comfortable with practice, repetition and clear understandable instructions. He will also be able to answer the questions about computers that you never understood and didn’t know how to ask. AAR110C (Staff) $39

CLCE 001 A  8000  TTh  9/20-10/6  4:30-6 p.m.

**Computer Basics 2**
This class emphasizes file management. Be more productive; make folders, move and organize files, and find lost files. Learn keyboard shortcuts, basic computer maintenance and new Windows skills. We will also learn to create basic Word and Excel documents. Basic computer skills or Computer Basics required. AAR 110C (Staff) $39

CLCE 002 A  8005  TTh  10/11-10/26  4:30-6 p.m.

**Internet and More**
Learn how to search the Web, use Face book, create your Favorites, download software and use “tabbed” browsing. Find out how to send attachments and study the basics of email etiquette. This is the class you don’t want to miss! Computer Basics or basic computer skills are required. AAR 110C (Staff) $39

CLCE 003 A  8010  TTh  11/1-11/17  4:30-6 p.m.

*Sign up for an individual course or take all three for $79! Save the cost of one class by taking all 3!*  
Item #8015.
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 $99. Visit www.ed2go.com/lccbic or call 360.442.2602 for more information.

**Nonprofit Suite**
Whether you want to work for a non-profit or start one of your own, this discounted suite of courses will give you the foundation you need to get started. Courses include: Introduction to Nonprofit Management, Marketing your Nonprofit, and Nonprofit Fundraising Essentials. Register at www.ed2go.com/lccbic. Save $36 by signing up for this suite! $261

**Wow, What a Great Event!**
Discover proven techniques from a master event planner. Register at www.ed2go.com/lccbic $99

**Get Grants!**
Learn how to develop successful, fundable grant proposals from experts in the field. Register at www.ed2go.com/lccbic $99

**Advanced Grant Proposal Writing**
Gain an understanding of the criteria funders use to determine whether your grant proposal gets funded or rejected. Register at www.ed2go.com/lccbic $99

**Resume Writing Workshop**
Transform your tired, boring resume into a powerful tool that will help get you interviews. Register at www.ed2go.com/lccbic $99

**12 Steps to a Successful Job Search**
World-renowned author and career advisor shows you strategies to help you get the job you want in any economy. Register at www.ed2go.com/lccbic $99

**Jump-Start Your Career**
Learn how to use LinkedIn, a free and popular job search and career development tool, and gain the power of the Internet to expand your professional network. Register at www.ed2go.com/lccbic $99

**Soft Skills Suite**
This suite of courses teaches everything from working with tough personalities to making better business decisions. Courses include: Achieving Success with Difficult People, Interpersonal Communication, Skills for Making Great Decisions, and Individual Excellence. Register for the suite and save $47 off the individual class price at www.ed2go.com/lccbic $349

**Customer Service Fundamentals**

**Keys to Effective Communication**

**Discover Sign Language**
In this course, you’ll discover how to use this graceful, expressive language to communicate with the deaf. Register at www.ed2go.com/lccbic $99

**Mastering Public Speaking**
Learn the secrets of effective public speaking and small group communication. Register at www.ed2go.com/lccbic $99

**Writing and Editing Value Suite**
Brush up on your grammar, writing, and editing skills with this discounted bundle of online courses! Bundle includes: Grammar Refresher, Writing Essentials, and Effective Business Writing. Register for the suite and save $36.00 at www.ed2go.com/lccbic $261

**Beginning Writer’s Workshop**
Get a taste of the writer’s life and improve your writing skills in this introduction to writing creatively. Register at www.ed2go.com/lccbic $99

**Responsive Web Design**
Learn to build fully responsive websites optimized for mobile devices, smartphones, tablets, and desktop viewing environments. Register at www.ed2go.com/lccbic $99

**Creating WordPress Websites**
Discover how to easily create blogs and websites with the popular, free WordPress.com platform. Register at www.ed2go.com/lccbic $99

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

Visit our Online Instruction Center for a complete catalog of courses at www.ed2go.com/lccbic

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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 Leeann Curry at 360.442.2840 for more information!**
**Purchasing and Supply Chain Management**
The Purchasing and Supply Chain Management Online Training Program will introduce you to the fundamental aspects of the supply chain environment, including enterprise resource planning systems and requirement systems. The interrelationships between purchasing, vendor selection, sources of supply, and technology will also be explored in this program. The focus is on management and the skills and resources that a successful manager needs. Register at http://careertaining.ed2go.com/lccbic. $2,295

**Six Sigma Black Belt**
The Six Sigma Black Belt Online Training Program integrates Six Sigma with hands-on data analysis. The program material provides you with an in-depth look at the Six Sigma Black Belt problem-solving methodology, DMAIC: Define the problem, Measure key aspects, Analyze data, Improve the process, Control the future process. You'll also learn about deployment and project development approaches. All materials are included. Register at http://careertaining.ed2go.com/lccbic. $2,695

**Freight Broker/Agent Training**
This program will prepare you to start your own freight broker business or become a freight agent. Register at http://careertaining.ed2go.com/lccbic. $1,895

**Certified Green Supply Chain Professional**
Help your company achieve its environmental goals with the Certified Green Supply Chain Professional Online Training Program. Gain the skills you'll need to make a green impact on global sourcing, material management, procurement and buying, transportation and logistics, and new product development. Register at http://careertaining.ed2go.com/lccbic. $1,595

Visit our Online Career Training Instruction Center for a complete catalog of courses at http://careertaining.ed2go.com/lccbic

**Flagger Certification**

For more information or to register, please contact Mary Harris at 360.442.2602 or mharris@lowercolumbia.edu.
Advance your IT career!

**CompTIA™ Security+ Certification Training**
In this program, you’ll gain the skills you need to begin a career as a security professional and prepare to take the CompTIA™ Security+ exam. You’ll become proficient in basic security concepts such as attacks and mitigation, security applications, risk assessment, disaster recovery and incident reporting, and vulnerability assessment. Learn the newest security protocols related to cloud computing, incident response, and the susceptibility of network-enabled devices and mobile devices to wireless networks.
This program builds practical skills with hands-on labs that can be completed in remote and lab environments. (80 hours, $1,495)

**Forensic Computer Examiner**
As criminal defense attorneys and civil attorneys encountered law-enforcement examiners, the need for qualified civilian forensic computer examiners grew. Currently, there’s a huge demand for certified, qualified forensic computer examiners.
This comprehensive online program prepares you for a career in this emerging field. Learn to thoroughly examine digital media, and how to recover and interpret data and draw appropriate conclusions based on the data. Education on the ethics of computer forensics is also included. This program is hands-on and emphasizes learning by doing. (80 hours, 12 months to complete, $3,095)

http://careertraining.ed2go.com/lccbic/information-technology-software-development-programs

**SQL Series**
Introduction to SQL - Learn the key concepts of Structured Query Language (SQL), and gain a solid working knowledge of this powerful and universal database programming language. You’ll learn the basic structure of relational databases and how to read and write simple and complex SQL statements and advanced data manipulation techniques
Intermediate SQL - In this course, you’ll learn advanced techniques that will enable you to write powerful queries that perform complicated searches and sorts on your data. ($174, Online)

**Fundamentals of Technical Writing**
This course will teach you the skills you need to succeed as a technical writer. You’ll learn how to translate complex information into easily understood language, and how to become a wizard at marrying the art of publishing with the science of technology. You’ll learn the secrets of successful technical writers, including technical writing conventions, interviewing skills, desktop publishing and formatting techniques, key tips for developing graphics and templates, documentation management, and how to publish documents both on paper and electronically. ($99, Online)

**Understanding the Cloud**
In this course you’ll explore how the cloud works, what drives its incredible growth, and how you can use cloud services. Start by looking at the building blocks of the cloud, where it started, and how it transitioned from an experiment into an unstoppable force. You’ll learn about the different kinds of clouds (public, private, and hybrid) and examine the concept of big data—the overwhelmingly huge amounts of data that make analysis so challenging—and how the cloud infrastructure enables data to zip across the globe at lightning speed. ($99, Online)

www.ed2go.com/lccbic

**Certificate in Data Analysis**
Data Analysis is quickly becoming one of the most sought-after skills in the workplace. Companies have vast amounts of data, but it is rare to have someone with the ability to analyze that data to see trends and make predictions. This course begins with a basic understanding of how to analyze data in a business setting and how business decisions involve comparing groups for differences. Learn to perform inquiries that will be useful to your business or organization, and have the skill necessary to communicate these results through graphs and text that your fellow employees will understand. ($495, Online)

Next offerings:
Introduction to Data Analysis: June 6 - July 1
Intermediate Data Analysis: July 5 - 29
Advanced Data Analysis: August 1 - 26

www.yougotclass.org/catalog-complete.cfm/LCC
Sign up now! Corporate and Continuing Education

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

Last Name First Name Middle Initial Previous Last Name

Mailing Address City State Zip Code

E-mail Address Home Phone Work Phone Cell Phone

ENROLLMENT INFORMATION

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<td>Th</td>
<td>7 p.m.</td>
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Total

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.
Make LCC Your Smart Choice!

We know you have many choices when deciding where to attend college. We hope you’ll make the smart choice and choose your local college, where you’ll experience a quality education at an affordable price. Students who enroll at LCC save thousands of dollars and have less debt than those who start at four-year universities. After completing two years at LCC, students can transfer to a four-year university or complete a bachelor’s degree through LCC’s on-site University Center.

Undecided about your major? No problem! Students who enroll at LCC have opportunities to explore different careers before choosing a program, whether the goal is to transfer or enter the workforce as quickly as possible. Either way, enrolling at LCC is a win-win proposition! Here is a checklist to help you get started.

Future Student Check List:

- Visit the future students webpage at lowercolumbia.edu/future
- Apply in person or online at lowercolumbia.edu
- Complete a Financial Aid Application at www.fafsa.ed.gov
- Take placement tests (ask us about our Math Boot Camps and math transcript agreements to help accelerate your placement)
- Meet with an Academic Advisor
- Tour the campus
- Explore careers
- Attend New Student Orientation
- Register for classes

Get Started Today! lowercolumbia.edu
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  entry@lowercolumbia.edu

■ 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 environment while learning skills and concepts based on best practices and current research in Early Childhood Education. 360.442.2890

■ 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 information.

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

■ DINING
The Fork & Flame café and the Espresso Bar are located in the Student Center. Open Monday–Friday 7:30 a.m.-2 p.m.

■ 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.

■ PLACEMENT ASSESSMENT
Students enrolling in degree/certificate programs must take a placement assessment in reading, writing, and math. Placement assessments are offered in the Admissions Center testing lab, open 8 a.m.-5 p.m. Mon–Thurs. Testing takes approximately 3 hours and is done on a drop-in basis; no appointment necessary. 360.442.2353

■ 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. 360.442.2352

■ 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 Dahlke, Director of TRIO Programs, for more information. jdahlke@lowercolumbia.edu

■ TUTORING SERVICES
Tutoring Services provides one-on-one and small group sessions in nearly every discipline. 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: Monday–Thursday 7:30 a.m.-6 p.m., Friday 7:30 a.m.-6 p.m., Saturday 10 a.m.-2 p.m.  lowercolumbia.edu/tutoring

■ VETERAN RESOURCE CORNER
The Veteran Resource Corner is located on the second floor of the Student Center, next to ASLCC. The area 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 Alyssa Joyner for details. ajoyner@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 every Tuesday from 1:30-2:30 p.m. (except holidays), Admissions Center, Room 120. 360.442.2330  workerretraining@lowercolumbia.edu
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

Note: Buildings are not physically numbered. The numbers on this map are for key purposes only. Parking permits are required in all lots.
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