LOWER COLUMBIA COLLEGE

The Smart Choice!

SPRING 2016 CLASS SCHEDULE

SPRING CLASSES BEGIN APRIL 4

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–Thursday.......................... 8 a.m.–5 p.m.
Fridays ........................................ 10 a.m.–5 p.m.

**Cashing—**
Monday–Thursday.......................... 8:15 a.m.–4 p.m.
Fridays ........................................ 10 a.m.–4 p.m.
(Closed 11 a.m. – 1:30 p.m. for lunch)

Financial Aid hours are the same as Registration, except Wednesdays, when professional 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.**

**April 4-7 (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.

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**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 49.50 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.
New Pre-College Math Pathway is a Game Changer

LCC math faculty members Terri Skeie and Joel Stetzer are offering a new kind of pre-college math class specifically tailored for students who are not exactly comfortable with the subject. The new pathway, Math 087/097, is designed for students who don’t need to take calculus to meet their degree requirements. The course works well with Math & 107 (Math in Society), Math 131 (Math for Elementary Education), Math 210 (Elements of Statistics) and similar non-calculus based courses.

Rebekah Rossetti and Amber Kiker both jumped at the chance to enroll. Although they are pursuing different degrees, both students give the new pathway rave reviews. According to Rebekah, she no longer dreads going to math class and has shed her previous instinct to just walk out. “Where has this class been all my life? In other math classes, I have felt like everyone else gets it and I’m drowning. In this class, we cheer each other on. It’s a very encouraging environment,” she said.

It’s the second time through the material for Amber. She describes this class as “not at all like” the more traditional math courses she’s taken at LCC. “This class is so much different. There is a more fundamental breakdown of the material using words and numbers rather than just numbers,” she said. Although Amber is destined to move on to traditional college-level math classes to meet requirements for Eastern Washington University’s business program, the knowledge she is gaining in the course is making a huge difference for her. “In this class I’m learning the ‘why’ of what I’m doing, which makes me more confident in my ability,” she said. Although she’s been driven to tears out of frustration with previous math classes, she has yet to experience the sensation this quarter.

The new pathway has been a game changer for both students. As an intended nursing student, Rebekah’s college math requirement will be statistics. Before the new pathway came along, however, she was in doubt. “I was contemplating changing majors so I wouldn’t have to take math,” Rebekah said. Amber was also considering a massive change before she learned of the new pathway. “My grade in Math 088/089 was not great. I thought I was going to have to switch to a DTA and choose a different bachelor’s program. Now I can stay on track with my original plan and pursue a degree in business,” she said.

LCC is offering two sections of Math 087/097 (Essentials of Pre-College Math II/III) in winter quarter 2016.

Amber Kiker (top) and Rebekah Rossetti (bottom)
**Current Students**

Registration begins March 29, 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 Friday of the week you register. 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.

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**Spring Dates and Deadlines**

Priority application deadline for Spring financial aid ....... Feb. 22  
Spring application for admission deadline ...............February 22  
Priority registration for Spring begins ..................February 29  
Open registration for Spring begins .....................March 7  
Last day for Spring Administrative Hold .............March 14  
Last day to be added to a Waitlist .....................March 25  
First day of classes ..................................April 4  
Last day of online registration ..........................April 6  
Last day for 100% tuition refund .......................April 8  
Last day for 50% tuition refund .......................April 22  
Last day to apply for Spring graduation .............April 27  
Open registration for Summer begins ..................May 2  
Summer application for admission deadline ..........May 23  
Priority application deadline for Summer financial aid .... May 24  
Last day to withdraw from classes ...................May 27  
Memorial Day Holiday .................................May 30  
Priority registration for Fall begins ..................May 31  
Open registration for Fall begins ........................June 6  
Last day of Spring classes ................................June 10  
Spring finals .........................................June 14-16  
Commencement ......................................June 17  

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**New Students**

Registration begins March 7 for new students. Staff assistance and computers are available in the Student 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. **Sign up and attend orientation for advising and to register**  
   Schedule your New Student Orientation session by contacting the Admissions Center testing office at 360.442.2353. Advisors will be available and you can also register for classes during orientation. Do some advance planning: bring your program planner(s) and placement test scores, browse the online class schedule, and map out the time you have available for classes and studying.
6. **Pay your tuition and fees** Tuition and fees must be paid by 4 p.m. on the tuition due date: April 1. 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.

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**Not planning a degree or certificate?**

Register at Registration starting March 7. Pay your tuition at the Cashier, pay online or set up a payment plan online.

**Non-credit classes:** Continuing Education class listings and registration information begin on page 37.

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**Class Full? Get on the Waitlist!**

When a class is full, you may choose to be added to the waitlist through the end of the day, Friday March 25. If openings occur through the third day of the quarter (April 6), you’ll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

Being on the waitlist does not guarantee that you’ll get in, or that a new section will be made available. Tuition and fee charges will not include waitlisted classes until you are registered in them. Check your waitlist status at lowercolumbia.edu/online-services.

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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 and fees must be paid by 4 p.m. on the tuition due date: April 1.

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

When can’t I use Online Registration?
1. Continuing Education courses
2. GED/ABE/ESL courses
3. High School Completion
4. Independent Studies
5. Employee waivers, Running Start, or National Guard waivers
6. If you last attended LCC more than one year ago
7. If you are taking more than 18 credits

Online Registration is available
February 29-April 6

ONLINE REGISTRATION WORKSHEET

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Alternate Classes

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

When can’t I use Online Registration?
1. Continuing Education courses
2. GED/ABE/ESL courses
3. High School Completion
4. Independent Studies
5. Employee waivers, Running Start, or National Guard waivers
6. If you last attended LCC more than one year ago
7. If you are taking more than 18 credits

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
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. Even if you are not a permanent resident or US Citizen, you may still qualify to pay in state tuition if you have:

1. 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
2. Continuously resided in the State since earning the high school diploma or its equivalent.

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

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

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
1. Apprenticeship: $53 per credit; $3.49 per clock hour.
2. Computer Lab: A fee of $24.00 per class is charged for certain classes identified in the course listing.
3. 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.
4. Fitness Center Upgrade: The chart includes a fee of $2.50/credit, up to 10 credits (max. $25), for fitness center upgrade.
5. Fitness Center Use Fee: $20 per student/per quarter.
6. GED Testing: $120.00 for first time on all four. Re-testing: $30 per test.
7. 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/credit, facilities fee of $1.30/credit, tutoring center fee of $9.50/credit and fitness center upgrade fee of $2.50/credit.
8. 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).
9. Matriculation Fee: $5.00/credit, up to 10 credits (max $50)
10. Resident Excess Credit: Residents pay $96.26 per credit above 18 credits.
11. Technology: The chart includes a technology fee of $3.75/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.
12. Transcript: $10 fee for each official transcript.
13. Tutoring Center: The chart includes a fee of $.50/credit, up to 10 credits (max. $5), to support the Tutoring Center.
14. 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.

### 2015-2016 Tuition and Fee Schedule (Facilities Use, Technology, Tutor Center, Fitness Center Upgrade fees included)

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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 8 a.m. - 5 p.m.
Wednesday 11 a.m. - 2 p.m.
Friday 10 a.m. - 5 p.m.

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

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

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

Go to lowercolumbia.edu/scholarships for more information.

Need help paying for college?
Apply Now for 2016-17 LCC Scholarships

Application Dates:
Application Opens: March 28, 2016
Deadline to Apply: April 29, 2016
Awarding Begins: Mid-June, 2016

Need Help?
Attend a Scholarship Workshop.
Details at lowercolumbia.edu/scholarships

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 (February 29 for Spring 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 March 14, 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.

Community college transfer students make up nearly half of graduates earning bachelor degrees from Washington public universities.

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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Notification of Title IV Student Complaint Process

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

Veterans’ Corner

The LCC Veterans’ Corner is upstairs in the Student Center. There will be a Vet Corps Navigator working in the Veterans’ Corner from September through June to help veterans with questions about benefits, attending college, job searches or just to talk. Please stop by!

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
Fast track to a college certificate & job
The Integrated Basic Education & Skills Training (I-BEST) program provides hands-on training for high demand job fields, with an extra instructor to help with reading, writing, math, speaking and listening skills in the same class.
You attend class with the same instructors and the same students to learn job skills and to earn college credit toward a certificate in one of six job fields. Students also have available 2-5 hours each week of study sessions with their I-BEST instructors and classmates where they receive hands-on instruction dedicated to helping them succeed.

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.
BTEC 104  Introduction to Business Technology  
BTEC 112  Word Processing II  
BTEC 148  Introduction to Outlook  
BUS 101  Introduction to Business  
BUS 104  Business Math Applications  
BUS 119  Business Communications  
BUS 144  Management Human Relations  
CS 121  Introduction to Spreadsheets

Diesel/Heavy Equipment Technology
The Diesel/Heavy Equipment Technology program prepares students for careers in any industry that utilizes trucks, excavators, bulldozers, other heavy equipment, or industrial equipment utilizing diesel power and hydraulic devices. Graduates find work with truck and heavy equipment dealers, railroads, and marine operations using tug and fishing boats. You may also work in industrial maintenance, auto, and RV repair.
DHET 104  Vehicle Climate Control  
DHET 111  Hydraulic Brakes  
DHET 115  Air Brake Systems  
DHET 125  H.D. Chassis Maintenance

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.
ECED 100  Child Care Basics  
ECED& 120  Practicum-Nurturing Relationships  
ECED 170  Environments Young Child  
ECED& 180  Language and Literacy Development  
ECED& 190  Observation/Assessment  
ECED 263  Practicum VI/Professionalism  
EDUC 115  Child Development  
EDUC& 150  Child/Family/Community

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.
AH 104  Healthcare Foundations  
AH 114  Healthcare Communication Skills  
HLTH 100  Occupational Safety and Health  
MEDA 101  Medical Vocabulary I  
MEDA 102  Medical Vocabulary II  
NURS 090  Nursing Assistant

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.
ENGL 110  Industrial Communication  
MATH 106  Industrial Mathematics  
TECH 078  Pre-College Math II  
TECH 079  Pre-College Math I

Medical Assistant
Students develop knowledge and skills necessary for employment in clinical and administrative support areas of medical clinics.
BTEC 173  Computers in the Medical Office  
CS 110  Microcomputer Applications  
MATH 105  Mathematics for Health Sciences  
MEDA 145  Medical Lab Procedures  
MEDA 165  Meds in MEDA & Diseases

Special programs coordinator Jill Yates will help each student register for the classes they need. Contact her at 360.442.2584 or jyates@lowercolumbia.edu
Race, Class, Sex & Gender
Monday-Thursday 9 a.m.-12:35 p.m.
Instructors: David Benson, Nicole DiGerlando, Michael Strayer

Race, Class, Sex & Gender presents perspectives from the disciplines of English, political science, and sociology.

Explore major questions such as:
• Is race a myth?
• Is there reverse discrimination?
• What causes racism, prejudice and hate?
• Why are some people poor and some rich?
• Does class equal privilege?
• Does home environment or biology dictate sexual orientation? Femininity? Masculinity?
• Is homosexuality or homophobia a mental disorder?
• Is gender biological or cultural?
• Are there more than two genders?
• Are women smarter than men?
• How pervasive is gender bias in society, in the workplace, in college?
• Does pornography help or hurt society?

You may earn 5 credits of Communications or Humanities and 10 credits of Social Sciences. All are transferable. Talk with your advisor about how this trio of courses fits into your degree plan. Choose one English class, one Political Science and one Sociology.

Sign up for:
ENGL 102, English Composition II, 5 credits, item 3012
or
ENGL 245, Contemporary Literature, 5 credits, item 3022
and
POLS& 202, American Government:IS, 5 credits, item 5512
or
POLS& 296, Selected Topics in Political Science III, 5 credits, item 5505
and
SOC 210, Human Sexuality:IS, 5 credits, item 5653
Prerequisite: ENGL & 101

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 — SPRING 2016

Business & Computer Science
BUS&101 Introduction to Business — 1850, 1855, 1860
BUS 119 Business Communications — 1735
BUS 144 Human Relations — 1745, 1750, 1755, 1765
BUS 245 Principles of Management — 1815
BUS 259 Starting a Small Business — 1820, 1825
BUS 270 Project Management — 1830
BTEC 165 Cultural Awareness/Healthcare — 1655
BTEC 155 Website Management — 1840

Health and Science
BIOL&160 General Biology — 1455, 1460, 1490
BIOL& 260 Microbiology — 1530, 1535
BIOL&241 Human A&P 1 — 1500
BIOL& 242 Human A&P 2 — 1505, 1510
CHEM&110 Chemical Concepts — 1940
ECED&100 Child Care Basics — 2660
NUTR& 101 Nutrition — 5290

Language & Literature
ENGL 98 College Ready English I — 2800, 2805, 2810, 2815, 2820, 2825
ENGL 99 College Ready English II — 2835, 2840, 2845, 2850, 2855, 2860
ENGL& 101 English Comp I — 2935, 2965, 2925
ENGL& 102 English Comp II — 2980, 3012, 3010
ENGL 110 Industrial Communication — 2870

Performing & Visual Arts
DRMA& 101 Introduction to Theatre — 2555
DRMA 108 Acting — 2560
DRMA 208 Acting — 2585
MUSC 100 Fundamentals of Music — 4895
MUSC& 105 Music Appreciation — 5065
MUSC 108 Group Piano Instruction — 4905
MUSC 208 Group Piano Instruction — 4995
MUSC 145 Beginning Voice — 4980

Social Science
ECON 105 Introduction to Economics — 2705, 2710
ECON& 201 Microeconomics — 2715
ECON& 202 Macroeconomics — 2720
PSYC& 100 General Psychology — 5555, 5570
SOC& 101 Introduction to Sociology — 5630, 5635, 5640

“Open Textbooks” is licensed under CC BY 3.0
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 — SPRING 2016**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT&amp; 203</td>
<td>Principles of Accounting III</td>
</tr>
<tr>
<td>ART 228</td>
<td>History/Western Art:DIV</td>
</tr>
<tr>
<td>ART&amp; 100</td>
<td>Art Appreciation:DIV</td>
</tr>
<tr>
<td>BIOL&amp; 160</td>
<td>General Biology</td>
</tr>
<tr>
<td>BIOL&amp; 241</td>
<td>Human A &amp; P 1</td>
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<tr>
<td>BIOL&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 245</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>BUS 259</td>
<td>Starting/Managing a Small Business</td>
</tr>
<tr>
<td>BUS&amp; 101</td>
<td>Introduction to Business</td>
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<tr>
<td>BUS&amp; 201</td>
<td>Business Law</td>
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<td>CHEM&amp; 110</td>
<td>Chemical Concepts w/Lab</td>
</tr>
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<td>CHEM&amp; 121</td>
<td>Introduction to Chemistry</td>
</tr>
<tr>
<td>COLL 101</td>
<td>First Year Seminar I</td>
</tr>
<tr>
<td>CS 110</td>
<td>Microcomputer Applications</td>
</tr>
<tr>
<td>ECED&amp; 105</td>
<td>Introduction Early Childhood Education</td>
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<tr>
<td>ECED&amp; 160</td>
<td>Curriculum Development</td>
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<tr>
<td>ECED&amp; 170</td>
<td>Environments-Young Child</td>
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<tr>
<td>ECOP 105</td>
<td>Introduction to Economics</td>
</tr>
<tr>
<td>EDUC 191</td>
<td>Introduction to Tutoring</td>
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<tr>
<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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<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>ERSI 105</td>
<td>Earth Systems</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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<td>MATH&amp; 107</td>
<td>Math in Society</td>
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<tr>
<td>MUSC 117</td>
<td>Music Cultures/World:DIV</td>
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<tr>
<td>MUSC&amp; 105</td>
<td>Music Appreciation</td>
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<tr>
<td>NUTR&amp; 101</td>
<td>Nutrition</td>
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<tr>
<td>PHED 152</td>
<td>Personalized Fitness</td>
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<tr>
<td>PHED 252</td>
<td>Personalized Fitness</td>
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<tr>
<td>PSYC&amp; 100</td>
<td>General Psychology</td>
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<tr>
<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>
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<td>*SPAN&amp; 122</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>
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<tr>
<td>*SPAN&amp; 222</td>
<td>Spanish V</td>
</tr>
<tr>
<td>*SPAN&amp; 223</td>
<td>Spanish VI</td>
</tr>
<tr>
<td>SPCH 110</td>
<td>Introduction to Public Speaking</td>
</tr>
</tbody>
</table>

*These courses do not use Canvas*
See If You Qualify for Special Funding for College

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

**Start Next Quarter**
Take the 10-minute survey at www.startnextquarter.org to find out if you might qualify for special funding programs that help cover college expenses, including textbooks, transportation and childcare. If you pre-qualify, you can sign-up for an information session where you’ll learn about available funding programs, determine your eligibility and submit an application. You’ll also learn about:

- Available career training programs
- How to prepare for the placement assessments
- How to apply for federal financial aid (FAFSA)
- How to keep your unemployment or basic food benefits while in training

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

**Worker Retraining**
360.442.2334
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.

**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.

**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>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ANTH 109</td>
<td>American Cultural Diversity</td>
<td>HIST&amp; 126</td>
<td>World Civilization I</td>
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<tr>
<td>ANTH&amp; 206</td>
<td>Cultural Anthropology</td>
<td>HIST&amp; 127</td>
<td>World Civilization II</td>
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<td>ART&amp; 100</td>
<td>Art Appreciation</td>
<td>HIST&amp; 128</td>
<td>World Civilization III</td>
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<td>ART 206</td>
<td>Arts of the Americas</td>
<td>HIST 205</td>
<td>History of East Asia</td>
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<td>ART 207</td>
<td>Arts of the World</td>
<td>HIST&amp; 215</td>
<td>Women in U.S. History</td>
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<td>ART 208</td>
<td>Arts of the Northwest</td>
<td>HUM 164</td>
<td>Cultural Journeys</td>
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<td>ART 228</td>
<td>History of Western Art</td>
<td>HUM 210</td>
<td>Myths and Rites</td>
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<td>ASL&amp; 123</td>
<td>American Sign Language III:DIV</td>
<td>MUSC 117</td>
<td>Music Cultures of the World</td>
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<td>BUS 144</td>
<td>Management of Human Relations</td>
<td>MUSC 119</td>
<td>American Music</td>
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<td>CHIN&amp; 121</td>
<td>Chinese I</td>
<td>MUSC 209</td>
<td>The Blues Culture</td>
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<td>CHIN&amp; 122</td>
<td>Chinese II</td>
<td>SOC&amp; 101</td>
<td>Introduction to Sociology</td>
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<td>CHIN&amp; 123</td>
<td>Chinese III</td>
<td>SOC 225</td>
<td>Race and Ethnicity</td>
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<tr>
<td>EDUC&amp; 205</td>
<td>Introduction to Education w/Field Experience</td>
<td>SPAN&amp; 121</td>
<td>Spanish I</td>
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<td>ENGL 140</td>
<td>Introduction to Women Writers ENGL 246 Rainbow Readers: LGBTQ Literature</td>
<td>SPAN&amp; 122</td>
<td>Spanish II</td>
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<td>ENGL 140</td>
<td>Introduction to Education w/Field Experience</td>
<td>SPAN&amp; 123</td>
<td>Spanish III</td>
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<td>ENGL 140</td>
<td>Introduction to Women Writers ENGL 246 Rainbow Readers: LGBTQ Literature</td>
<td>SPCH 109</td>
<td>Intercultural Communication</td>
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<td>ENGL 280</td>
<td>Multicultural Literature</td>
<td>SPCH 209</td>
<td>Rhetorical Criticism and Popular Culture</td>
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<td>ENVS 150</td>
<td>Environment and Society</td>
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</tbody>
</table>

Spring 2016 Final Exam Schedule (June 14-16)

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>June 16</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>June 14</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>June 15</td>
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<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>June 16</td>
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<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>June 14</td>
</tr>
<tr>
<td>11:00 a.m. - 11:55 a.m.</td>
<td>MWThF, TTh, MTWTh</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>June 15</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>June 16</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>June 14</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>June 15</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>June 16</td>
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<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>June 14</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>June 15</td>
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</tbody>
</table>

Classes not listed above or classes that conflict with other finals

Please contact your instructor for your final exam time

5:00 p.m.-10:00 p.m. All Days

During Class

Talk to Instructor

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 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.
\(\vee\) = 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 \(\vee\) sections have a fee of $3.00 per credit, maximum of $30.00.
Boot Camps and Orientation information is on page 12.
\(\odot\) = Course uses Alternative Educational Resources/Textbooks cost less than $30.00

Buying Your Books

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

• Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early. Students now have the option of renting many of their books as well.

• 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 March 7.

Bookstore Hours
Monday-Thursday 7:30 a.m.-4:30 p.m.
Friday 7:30 a.m.-2 p.m.
We will be open until 6 p.m. on April 4 and 5

Spring Book Buyback
June 13, 12-4:30 p.m.
June 14-16, 8:30 a.m.-4:30 p.m.
June 17, 8:30 a.m.-1 p.m.

Accounting

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

ACCT 101  INTRODUCTION TO ACCOUNTING CONCEPTS
\(\vee\)  1110 A  5 TTh  1:20p.m.-3:20p.m.  AAR 103  STANLEY J

ACCT 150  PAYROLL ACCOUNTING AND TAX REPORTING
  1115 A  5 DAILY  8:00a.m.-8:50a.m.  AAR 103  RUA D
There is no computer lab fee for this class.

ACCT& 202  PRINCIPLES OF ACCOUNTING II
  1130 A  5 MW  11:10a.m.-12:35p.m.  AAR 103  STANLEY J
Prerequisite: ACCT& 201 with a grade of C or better.
Hybrid class; partially online.

ACCT& 203  PRINCIPLES OF ACCOUNTING III
  1135 A  5 MW  9:00a.m.-10:25a.m.  AAR 103  STANLEY J
Prerequisite: ACCT& 202 with a grade of C or better and basic spreadsheet skills.
Hybrid class; partially online.

AH 230  MANAGEMENT ISSUES IN HEALTH CARE
\(\vee\)  1195 A  1 Th  1:00p.m.-3:30p.m.  HSB 248  HAMER J
Hybrid class; partially online.

American Sign Language

ASL& 123  AM SIGN LANGUAGE III
  1415 A  5 TTh  9:00a.m.-11:00a.m.  HSB 106  PIETSCH D
ANTH—ART

ANTH 109 AM CULTURAL DIVERSITY:DIV  D,SS
  1245 A  5  TTh  9:00a.m.-11:00a.m.  MAN 235  BATEY T

ANTH& 205 BIOLOGICAL ANTHROPOLOGY  NS
  1250 A  5  MWF  11:10a.m.-12:35p.m.  MAN 234  BATEY T

Art

ART & 100 ART APPRECIATION:DIV  D,H
  1390 A  5  T  1:20p.m.-3:20p.m.  MAN 146  COOPER R
Hybrid class; partially online.
  1395 DE  5  ARR  ARR  COOPER R
Online class.

ART 101 BEGINNING DRAWING  H,P
  1255 A  3  MW  10:00a.m.-12:50p.m.  MAN 109  NEELY D

ART 102 INTERMEDIATE DRAWING  H,P
  1265 A  3  MW  10:00a.m.-12:50p.m.  MAN 109  NEELY D
Lab Fee: $5.90

ART 103 ADVANCED DRAWING  H,P
  1275 A  3  MW  10:00a.m.-12:50p.m.  MAN 109  NEELY D

ART 106 BASIC DESIGN  H,P
  1285 A  5  TTh  10:00a.m.-12:00p.m.  MAN 109  KOHLMEIER M

ART 107 BASIC DESIGN I  H,P
  1290 A  5  TTh  1:00p.m.-3:00p.m.  MAN 109  KOHLMEIER M

ART 108 BASIC DESIGN II  H,P
  1295 A  3  TTh  1:00p.m.-3:30p.m.  MAN 109  KOHLMEIER M

ART 111 BEGINNING PAINTING-ACRYLICS  H,P
  1300 A  3  TTh  9:00a.m.-12:00p.m.  MAN 103  COOPER R

ART 112 INTERMEDIATE PAINTING-ACRYLICS  H,P
  1305 A  3  TTh  9:00a.m.-12:00p.m.  MAN 103  COOPER R

ART 113 ADVANCED PAINTING-ACRYLICS  H,P
  1310 A  3  TTh  9:00a.m.-12:00p.m.  MAN 103  COOPER R

ART 155 BEGINNING DIGITAL PHOTO  H,P
  1315 A  5  TTh  12:30p.m.-4:00p.m.  MAN 118  VANDERMADE
Lab Fee: $35.90

ART 157 INTERMEDIATE DOCUMENTARY PHOTOGRAPHY  H,P
  1320 A  3  TTh  4:30p.m.-7:00p.m.  MAN 118  VANDERMADE
Lab Fee: $35.90

ART 162 PHOTOSHOP FOR WEB & PRINT  H,P
  1330 A  3  MW  1:00p.m.-2:40p.m.  MAN 118  NEELY D
Basic computer skills required. Computer lab fee will be charged.
Lab Fee: $24.00

ART 228 HISTORY OF WESTERN ART:DIV  D,H
  1335 DE  5  ARR  ARR  FREY T
Online class.
There is a fee of $11.90 per student per quarter for all AMTC classes.

**AMTC 104 VEHICLE CLIMATE CONTROL**
1210 A 8 MTWTh 1:00p.m.-4:30p.m. DTV 233 ROESKE G

**AMTC 121 GAS ENGINES I**
1215 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C
Start Date: 04/04/16 End Date: 04/21/16

**AMTC 122 GAS ENGINES II**
1220 A 1-10 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C
Start Date: 04/25/16 End Date: 06/09/16

**AMTC 202 COMPUTER ENGINE CONTROLS**
1225 A 12 MTWTh 7:30a.m.-12:00p.m. DTV 233 ROESKE G
Prerequisite: AMTC 101, 102, and 201, or instructor permission.

**AMTC 299 INDEPENDENT STUDY**
1240 MM 1-5 ARR ARR DTV 108 ROESKE G
Instructor permission required to enroll.
1242 MM1 1-5 ARR ARR DTV 108 KILE C
Instructor permission required to enroll.

**Biology**

**BIOL& 150 GENERAL BIOLOGY—LAB**
1500 DE 5 ARR ARR MEYERS R
No textbook required. Students must also enroll in one of the lab sections, BIOL& 241 DEA or DEB.
Uses Alternative Educational Resources.
Online class.
1504 DEB 0 ARR ARR MEYERS R
Online class.

**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1**
1505 DE 5 ARR ARR MEYERS R
Prerequisite: BIOL& 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. Students must enroll in one of the lab sections, LA or LB. No textbook required. Uses Alternative Educational Resources.
Lab Fee: $13.10

**BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2**
1506 DE 5 ARR ARR MEYERS R
Prerequisite: BIOL& 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. Students must enroll in one of the lab sections, DEA or DEB. No textbook required. Uses Alternative Educational Resources.
Online class.

**BIOL 179 HUMAN BIOLOGY & EXERCISE**
1440 A 5 MW 1:10p.m.-3:00p.m. HSB 105 MEYERS R
1440 F 11:10a.m.-1:00p.m. HSB 304 MEYERS R
Lab included. Lab Fee: $17.00

**BIOL& 211 MAJORS BIOLOGY PLANT**
1495 A 5 TTh 1:20p.m.-2:35p.m. HSB 105 LAPIERRE L
TTh 2:50p.m.-4:40p.m. HSB 304 LAPIERRE L
Lab included. Lab Fee: $13.80
Course # Course Name

**EVENING CLASSES**

**BIOLOGY AND LIFE**

- **BIO 109** ENERGY AND LIFE  NSL
  - 1420 N 5 MW 5:15p.m.-8:30p.m.  HSB 135 KEPLER C
  - Lab included. Lab Fee: $19.00

- **BIO 150** GENERAL BIOLOGY W/LAB  NSL
  - 1490 N 5 W 5:15p.m.-7:30p.m.  HSB 304 FULLER K
  - Lab included. Lab Fee: $10.20  Uses Alternative Educational Resources.  Hybrid class; partially online.

**BUSINESS ADMINISTRATION**

- **BUS 104** BUSINESS MATH APPLICATIONS  SS
  - 1725 A 5 MW 11:10a.m.-12:40p.m.  AAR 106 CUMMINGS D
  - Hybrid class; partially online.  Uses Alternative Educational Resources.

- **BUS 109** BUSINESS AND LIFE  NSL
  - 1855 B 5 T 9:00a.m.-11:00a.m.  AAR 106 STUART M
  - Hybrid class; partially online.  Uses Alternative Educational Resources.

- **BUS 119** BUSINESS COMMUNICATIONS  SS
  - 1735 A 5 Th 1:20p.m.-3:20p.m.  AAR 106 ALLWINE T
  - Hybrid class; partially online.  Uses Alternative Educational Resources.

- **BUS 144** MANAGEMENT OF HUMAN RELATIONS:DIV  D
  - 1750 B 5 W 1:20p.m.-3:20p.m.  AAR 106 ALLWINE T
  - Hybrid class; partially online.  Uses Alternative Educational Resources.

- **BUS 245** PRINCIPLES OF MANAGEMENT  SS
  - 1815 DE 5 ARR ARR
  - Uses Alternative Educational Resources.

- **BUS 250** STATISTICAL METHODS  NS
  - 1800 N 5 TTh 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

**BUSINESS TECHNOLOGY**

- **BTEC 104** INTRODUCTION TO BUSINESS TECHNOLOGY  SS
  - 1573 A 5 MWF 1:20p.m.-2:45p.m.  AAR 109E GAITHER M

- **BTEC 112** WORD PROCESSING II  SS
  - 1580 A 5 TTh 9:00a.m.-11:00a.m.  AAR 105 GAITHER M

- **BTEC 148** INTRODUCTION TO OUTLOOK  SS
  - 1620 A 2 T 10:00a.m.-10:50a.m.  AAR 109C HOMME S
  - Hybrid class; partially online.

- **BTEC 165** CULTURAL AWARENESS FOR HEALTHCARE PROFESSIONALS  SS
  - 1655 A 3 F 9:00a.m.-10:20a.m.  HSB 105 GAITHER M
  - Hybrid class; partially online.  Uses Alternative Educational Resources.
Course # Course Name

BTEC 173  COMPUTERS IN THE MEDICAL OFFICE
   1660 A 3  TTh  1:00p.m.-2:30p.m.  AAR 109E  MILLUS N
   1665 B 3  TTh  2:30p.m.-4:00p.m.  AAR 109E  MILLUS N

BTEC 181  MEDICAL TERMINOLOGY I
   1675 DE 1-3 ARR  ARR  RUIZ D
There is no computer lab fee for this class.
Online class.

BTEC 182  MEDICAL TERMINOLOGY II
   1685 DE 1-3 ARR  ARR  RUIZ D
There is no computer lab fee for this class.
Online class.

BTEC 294  CAREER SUCCESS
   1720 A 2  Th  12:00p.m.-12:50p.m.  AAR 104  HOMME S
Hybrid class; partially online.

Evening Classes

BTEC 163  CPT CODING
   1645 N 5  MW  5:30p.m.-7:30p.m.  AAR 103  REIN J
There is no computer lab fee for this class.
Hybrid class; partially online.

Business Technology Lab

Any new BTEC students enrolled in arranged BTEC classes (shown as “ARR”) must check in with the BTEC Lab staff on Monday, April 4 in AAR 109, Lab 5. All (new and returning) BTEC students need to arrange with staff for class-specific orientations. Schedules will be posted in AAR 109, Lab 5 on Monday, April 4. Please contact the lab at 360.442.2710 if you have any questions.

BTEC Lab Hours: Monday – Friday 8 a.m.-2:30 p.m.

Testing Times: Monday – Friday 9 a.m.-2 p.m.
Students must have photo ID to use the computer labs. Unless otherwise noted, a computer lab fee is charged for BTEC classes.

BTEC 100  COMPUTER KEYBOARDING
   1570 P 1-3 ARR  ARR  AAR 109  GAITHER M
This course is graded on a Pass/Fail basis only. Students must sign up for orientation in AAR 109, Lab 5. Please allow one hour for this orientation.

BTEC 105  KEYBOARDING SPEED/ACCURACY BUILDING
   1575 P 1-4 ARR  ARR  AAR 109  GAITHER M
This course is graded on a Pass/Fail basis only.

BTEC 130  ELECTRONIC CALCULATORS
   1595 P 1-2 ARR  ARR  AAR 109  LEMMONS N
There is no computer lab fee for this class.

BTEC 144  ONENOTE FUNDAMENTALS
   1600 P 1  ARR  ARR  AAR 109  LEMMONS N

BTEC 145  INTRODUCTION TO MS WORD
   1605 P 1-5 ARR  ARR  AAR 109  GAITHER M

BTEC 146  POWERPOINT FUNDAMENTALS
   1610 P 1-2 ARR  ARR  AAR 109  LEMMONS N

BTEC 147  INTRODUCTION TO DESKTOP PUBLISHING
   1615 P 1-3 ARR  ARR  AAR 109  GAITHER M

BTEC 149  INTERNET FUNDAMENTALS
   1630 P 1  ARR  ARR  AAR 109  GAITHER M

BTEC 150  INTRODUCTION TO GOOGLE APPS
   1635 P 1-3 ARR  ARR  AAR 109  LEMMONS N

BTEC 155  WEBSITE MANAGEMENT
   1640 P 3  ARR  ARR  AAR 109  GAITHER M
Hybrid class; partially online. © Uses Alternative Educational Resources.

BTEC 164  LEGAL ASPECTS OF THE MEDICAL OFFICE
   1650 P 1-2 ARR  ARR  AAR 109  LEMMONS N
There is no computer lab fee for this class.

BTEC 181  MEDICAL TERMINOLOGY I
   1680 P 1-3 ARR  ARR  AAR 109  LEMMONS N

BTEC 182  MEDICAL TERMINOLOGY II
   1690 P 1-3 ARR  ARR  AAR 109  LEMMONS N

BTEC 230  LEGAL TERMINOLOGY
   1695 P 1-3 ARR  ARR  AAR 109  LEMMONS N

Chemical Dependency

Evening Classes

CDS 101  INTRODUCTION TO ADDICTIONS & CD  SS
   1875 N 5  MTh  6:00p.m.-8:00p.m.  MAN 147  SCHULZ P

CDS 107  ADOLESCENT DEVELOPMENT
   1880 N 3  F  5:30p.m.-8:00p.m.  AAR 103  WALTZ M
   Sa  9:00a.m.-4:00p.m.  AAR 103  WALTZ M
Class meets Fridays April 15, 29, & May 13, 5:30 p.m.-8:00 p.m. and Saturdays April 16, 30, & May 14, 9:00 a.m.-4:00 p.m.

CDS 110  ALCOHOL/DRUG PATHOPHYSIOLOGY AND PHARMACOLOGY
   1885 N 3  W  6:00p.m.-8:30p.m.  MAN 234  SCHULZ P
Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

CDS 111  RECORDKEEPING AND CASE MANAGEMENT
   1890 N 3  M  5:15p.m.-7:45p.m.  AAR 103  LORENZO, M
Prerequisite: CDS 101, 102, and 113, all with a grade of C or better.

CDS 201  DYNAMICS OF FAMILY & CDS
   1895 N 3  Th  5:15p.m.-7:45p.m.  AAR 104  CALIMAN J
Prerequisite: CDS 101, 102, 113, and 215 with a C or better.

CDS 220  CO-OCCURRING DISORDERS
   1900 N 3  T  5:30p.m.-8:00p.m.  AAR 104  BOLERJACK J
Prerequisite: CDS 101, 102, and 113, all with a grade of C or better.
CHEM–CS

Chemistry

CHEM 110 CHEMICAL CONCEPTS W/LAB NSL

1940 A 5 MWF 11:10a.m.-12:50p.m. HSB 329 HERBELIN A
Lab included. Lab Fee: $13.20
Exams must be proctored for this course, using either the LCC testing center or the online option ProctorU. Contact the instructor for more information.

CHEM 121 INTRODUCTION TO CHEMISTRY NSL

1950 A 5 MW 10:00a.m.-11:00a.m. HSB 123 KEPLER C
Students must also enroll in one of the lab sections, CHEM 121 LA or LB.
Hybrid class; partially online.
Lab Fee: $13.20
1955 DE 5 ARR ARR PECORE J

CHEM & 121 INTRODUCTION TO CHEMISTRY—LAB NSL

1960 LA 0 Th 9:00a.m.-11:00a.m. HSB 332 KEPLER C
1965 LB 0 Th 1:20p.m.-4:10p.m. HSB 332 KEPLER C

CHEM & 131 INTRODUCTION TO ORGANIC/BIOCHEMISTRY NSL

1970 A 5 MWF 11:10a.m.-12:10p.m. HSB 105 WOLFER A
T 2:45p.m.-5:35p.m. HSB 332 WOLFER A
Lab included. Lab Fee: $13.20

CHEM 163 GENERAL CHEMISTRY III NSL

1975 A 5 MWF 9:00a.m.-10:00a.m. HSB 101 WOLFER A
Students must also enroll for one of the lab sections, CHEM 163 LA, or LB.
Lab Fee: $23.80

CHEM 163 GENERAL CHEMISTRY III—LAB

1980 LA 0 T 9:00a.m.-11:00a.m. HSB 332 WOLFER A
1985 LB 0 W 1:20p.m.-4:10p.m. HSB 332 WOLFER A

CHEM 231 QUANTITATIVE ANALYSIS NS

1920 A 5 ARR ARR HSB 329 HERBELIN A
Lab included. Contact the instructor at aherbelin@lowercolumbia.edu for class information.

CHEM & 263 ORGANIC CHEMISTRY W/LAB III NSL

1995 A 5 MWF 9:00a.m.-10:00a.m. HSB 104 HERBELIN A
Students must also enroll for one of the lab sections, CHEM & 263 LA or LB.
Lab Fee: $23.80

CHEM & 263 ORGANIC CHEMISTRY W/LAB III—LAB

2000 LA 0 MW 2:20p.m.-4:10p.m. HSB 329 HERBELIN A
2005 LB 0 TTh 9:00a.m.-10:50a.m. HSB 329 HERBELIN A

Evening Classes

CHEM 100 PREPARATORY CHEMISTRY

1935 N 5 TTh 6:00p.m.-8:00p.m. HSB 123 GERICK J

College Success

COLL 101 FIRST YEAR SEMINAR I

2270 A 2 MW 9:00a.m.-9:50a.m. VOC 116 SUEK J
2274 B 2 MW 10:00a.m.-10:50a.m. AAR 104 RISTER M
2275 C 2 MW 12:10p.m.-1:00p.m. AAR 104 RISTER M
2280 DE 2 ARR ARR Online class.

COLL 102 FIRST YEAR SEMINAR II

2315 A 2 MW 9:00a.m.-9:50a.m. AAR 104 RISTER M
2320 B 2 TTh 1:00p.m.-1:50p.m. MAN 203 BYKER B
2325 C 2 MW 1:10p.m.-2:00p.m. AAR 103 AKINS-FIELDS
2330 E 2 MW 1:00p.m.-1:50p.m. MAN 207 RISTER M
2335 F 2 TTh 2:20p.m.-3:10p.m. MAN 203 TRIMBLE D
2330 G 2 TTh 11:10a.m.-12:00p.m. MAN 203 LEACH M
2335 HB 2 W 2:20p.m.-3:10p.m. VOC 111 RISTER M

Computer Science

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

CS 100 INTRODUCTION TO INFORMATION SYSTEMS

2330 A 5 Th 11:10a.m.-1:10p.m. VOC 119 RIJNHART S
Students must log into class prior to first Thursday.

CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS

2340 A 3 MW 1:20a.m.-2:35p.m. AAR 110C HOMME S
2345 B 3 MWF 10:00a.m.-10:50a.m. AAR 110C HOMME S
2350 C 3 TTh 11:10a.m.-12:25p.m. AAR 110C ROSI D
2355 DE 3 ARR ARR ROSI D
There is no computer lab fee for this class.

CS 111 INTRODUCTION TO WINDOWS

2365 A 4 MW 1:20p.m.-2:20p.m. HSB 107 DERTKACHT D

CS 121 INTRODUCTION TO SPREADSHEETS

2370 A 5 MWF 9:00a.m.-10:25a.m. AAR 109E LEMMONS N
Prerequisite: BTEC 104 or CS 110, Math 089 or BUS 104, or instructor permission.

CS 122 ADVANCED SPREADSHEET APPLICATIONS

2375 A 5 MW 11:10a.m.-12:35p.m. AAR 109E LEMMONS N
Hybrid class; partially online.

CS 130 INTRODUCTION DATABASE APPLICATIONS

2380 A 5 TTh 9:00a.m.-10:30a.m. AAR 109E LEMMONS N
Prerequisite: CS 121 with a grade of C or better, or instructor permission.

CS 143 CONFIGURING WINDOWS OPERATING SYSTEMS

2385 A 5 Th 1:20p.m.-3:20p.m. VOC 119 RIJNHART S
Hybrid class; partially online.

CS 170 PROGRAMMING FUNDAMENTALS

2390 A 5 MWF 11:10a.m.-12:50p.m. AAR 105 DERTKACHT D
Prerequisite: Math 089 with a grade of C or better and knowledge of Windows or instructor permission.
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 Workforce Services Manager, Dani Trimble. For information, contact Dani at 360.442.2622, email dtrimble@lowercolumbia.edu or stop by the Career Center, Admissions Building 120.

Cooperative Education 288 students must attend a mandatory orientation either 3-4 p.m. or 5:30-6:30 p.m. on March 24, 2016. Orientations will be held in the Health Science Building, Room 107.

Cooperative Ed 288 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 12-1 in the Main Building, Room 125. A $14.30 lab fee will be charged for all 288 classes.

Criminal Justice

<table>
<thead>
<tr>
<th>Item# Sec. # Cred. # Days Time Place Instructor</th>
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<tbody>
<tr>
<td>CJ 185 COMMUNITY POLICING/RELATIONS</td>
</tr>
<tr>
<td>2020 A 5 TTh 1:20p.m.-3:20p.m. VOC 112 HAMILTON A</td>
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** EVENING CLASSES**

<table>
<thead>
<tr>
<th>Item# Sec. # Cred. # Days Time Place Instructor</th>
</tr>
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<tbody>
<tr>
<td>CJ 260 PHYSICAL EVIDENCE AND CRIMINALISTICS</td>
</tr>
<tr>
<td>2025 N 5 MW 6:00p.m.-8:00p.m. MAN 235 MILOSEVICH M</td>
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Dance

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<tr>
<th>Item# Sec. # Cred. # Days Time Place Instructor</th>
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<tbody>
<tr>
<td>DANCE 153 SHOW DANCE III</td>
</tr>
<tr>
<td>2450 A 1.5 MWF 2:10p.m.-3:00p.m. RACA 139 CHALLED G</td>
</tr>
<tr>
<td>DANCE 253 SHOW DANCE VI</td>
</tr>
<tr>
<td>2455 A 1.5 MWF 2:10p.m.-3:00p.m. RACA 139 CHALLED G</td>
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</table>

Diesel/Heavy Equipment Technology

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

<table>
<thead>
<tr>
<th>Item# Sec. # Cred. # Days Time Place Instructor</th>
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<tbody>
<tr>
<td>DHET 104 VEHICLE CLIMATE CONTROL</td>
</tr>
<tr>
<td>2460 A 8 MTWTh 1:00p.m.-4:30p.m. DTV 233 ROESKE G</td>
</tr>
<tr>
<td>DHET 111 HYDRAULIC BRAKES</td>
</tr>
<tr>
<td>2470 A 5 MTWTh 7:30a.m.-12:00p.m. Start Date: 04/04/16 End Date: 04/25/16 DTV 106A ECKLUND K</td>
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<tr>
<td>DHET 115 AIR BRAKE SYSTEMS</td>
</tr>
<tr>
<td>2480 A 5 MTWTh 7:30a.m.-12:00p.m. Start Date: 04/26/16 End Date: 05/17/16 DTV 106A ECKLUND K</td>
</tr>
<tr>
<td>DHET 125 H.D. CHASSIS MAINTENANCE</td>
</tr>
<tr>
<td>2490 A 5 MTWTh 7:30a.m.-12:00p.m. Start Date: 05/18/16 End Date: 06/09/16 DTV 106A ECKLUND K</td>
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<td>DHET 220 HEAVY DUTY POWER TRAINS</td>
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<tr>
<td>2500 A 10 MTWTh 12:00p.m.-4:30p.m. Start Date: 04/04/16 End Date: 05/19/16 DTV 106A DILLINGER J</td>
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<tr>
<td>DHET 230 ADVANCED SHOP PRACTICES</td>
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<tr>
<td>2505 A 5 MTWTh 12:00p.m.-4:30p.m. Start Date: 06/03/16 End Date: 06/09/16 DTV 106A DILLINGER J</td>
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<tr>
<td>DHET 299 INDEPENDENT STUDY</td>
</tr>
<tr>
<td>2520 MM 2 ARR ARR ECKLUND K</td>
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ACCT 288 1120  CJ 288 2030  LIBR 288 4360
ACCT 289 1125  CJ 289 2035  LIBR 289 4365
AH 288 1200  DHET 288 2510  MASP 288 4450
AH 289 1205  DHET 289 2515  MASP 289 4455
AMTC 288 1230  ECED 288 2650  MATH 288 4730
AMTC 289 1235  ECED 289 2655  MATH 289 4735
ART 288 1355  EDUC 288 2735  MEDA 288 4875
ART 289 1360  EDUC 289 2740  MEDA 289 4880
BIOL 288 1425  ENGR 288 3030  MUSC 288 5055
BIOL 289 1430  ENGR 289 3035  MUSC 289 5060
BUS 288 1835  ENVTh 288 3075  PSYC 288 5535
BUS 289 1840  ENVTh 289 3080  PSYC 289 5540
BTEC 288 1710  FISC 288 3655  SPCH 288 5775
BTEC 289 1715  FISC 289 3660  SPCH 289 5780
CDS 288 1905  HLTH 288 3850  WLD 288 6125
CDS 289 1910  HLTH 289 3855  WLD 289 6130
CHEM 288 1925  HDEV 288 3760
CHEM 289 1930  HDEV 289 3765
CS 288 2430  ICP 288 4155
CS 289 2435  ICP 289 4160
Course # Course Name

**Drafting**

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

**EVENING CLASSES**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>DRFT 151</td>
<td>INTRODUCTION TO CAD</td>
<td>2530 N</td>
<td>1-3 TTh</td>
<td>6:00p.m.-8:15p.m.</td>
<td>VOC 113</td>
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<td>DRFT 210</td>
<td>ADVANCED TECHNICAL GRAPHICS</td>
<td>2535 N</td>
<td>1-3 TTh</td>
<td>6:00p.m.-8:15p.m.</td>
<td>VOC 113</td>
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<tr>
<td>DRFT 252</td>
<td>3D COMPUTER AIDED DRAFTING</td>
<td>2540 N</td>
<td>1-3 TTh</td>
<td>6:00p.m.-8:15p.m.</td>
<td>VOC 113</td>
<td>ROGERS K</td>
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<tr>
<td>DRFT 260</td>
<td>SURVEY OF CIVIL AND ARCHITECTURAL GRAPHICS</td>
<td>2545 N</td>
<td>1-3 TTh</td>
<td>6:00p.m.-8:15p.m.</td>
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<td>DRFT 299</td>
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<td>VOC 113</td>
<td>ROGERS K</td>
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</table>

**Drama**

**DRMA & 101 INTRODUCTION TO THEATRE**

2555 A 5 TTh 10:00a.m.-12:30p.m. RCA 218 RICHARD B

Uses Alternative Educational Resources.

**DRMA 108 INTRODUCTION TO ACTING III**

2560 A 5 TTh 1:00p.m.-3:30p.m. RCA 139 RICHARD B

Uses Alternative Educational Resources.

**DRMA 116 STAGE CRAFTS I**

2565 A 5 TTh 1:00p.m.-3:30p.m. RCA 148 COCHRAN R

**DRMA 117 STAGE CRAFTS II**

2570 A 5 TTh 1:00p.m.-3:30p.m. RCA 148 COCHRAN R

**DRMA 118 STAGE CRAFTS III**

2575 A 5 TTh 1:00p.m.-3:30p.m. RCA 148 COCHRAN R

**DRMA 208 ACTING III**

2585 A 5 TTh 1:00p.m.-3:30p.m. RCA 139 RICHARD B

Uses Alternative Educational Resources.

**EVENING CLASSES**

<table>
<thead>
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<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
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<th>Place</th>
<th>Instructor</th>
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<tr>
<td>DRMA 198</td>
<td>REHEARSAL &amp; PERFORMANCE III</td>
<td>2580 N</td>
<td>1-5 ARR</td>
<td>6:00p.m.-10:00p.m.</td>
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<tr>
<td>DRMA 298</td>
<td>REHEARSAL &amp; PERFORMANCE VI</td>
<td>2590 N</td>
<td>1-5 ARR</td>
<td>6:00p.m.-10:00p.m.</td>
<td>RCA 131</td>
<td>RICHARD B</td>
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**Early Childhood Education**

**ECED 089 MATH METHODOLOGY FOR EDUCATORS II**

2601 A 1 M 3:00p.m.-5:30p.m. SCI 102 SPAIN A

**ECED 100 CHILD CARE BASICS**

2660 A 3 Sa 9:00a.m.-2:00p.m. SCI 102 AKINS-FIELDS

Class meets on Saturday, April 9, 16 and 30, 2016. Uses Alternative Educational Resources.

Hybrid class; partially online.

**ECED 120 PRACTICUM-NURTURING RELATIONSHIPS**

2670 A 2 W 12:00p.m.-1:00p.m. SCI 102 AKINS-FIELDS

**ECED 170 ENVIRONMENTS YOUNG CHILD**

2610 A 3 Th 8:30a.m.-10:30a.m. SCI 102 ZBAEREN J

Hybrid class; partially online.

**ECED 180 LANG/LITERACY DEVELOP**

2685 A 3 T 9:00a.m.-12:00p.m. SCI 102 WILLIAMSON A

**ECED 190 OBSERVATION/ASSESSMENT**

2695 A 3 F 8:30a.m.-10:00a.m. SCI 102 ZBAEREN J

Instructor permission required to enroll.

Hybrid class; partially online.

**ECED 219 MATH, SCIENCE AND COMPUTERS IN ECED**

2630 A 3 M 12:00p.m.-3:00p.m. SCI 102 WILLIAMSON A

**ECED 263 PRACTICUM VI/PROFESSIONALISM**

2640 A 3 W 2:00p.m.-3:00p.m. SCI 102 WILLIAMSON A

**EVENING CLASSES**

**ECED 137 HEALTHY PHYSICAL DEVELOPMENT**

2603 N 1 ARR 6:30p.m.-8:30p.m. SCI 102 AKINS-FIELDS

Contact instructor at sakins-fields@lowercolumbia.edu for class meeting dates.

**ECED 138 RESPONSIVE LEARNING ENVIRONMENTS**

2605 N 1 Th 6:30p.m.-8:30p.m. SCI 102 AKINS-FIELDS

Contact instructor at sakins-fields@lowercolumbia.edu for class meeting dates.

**Earth Science**

**ERSI 105 EARTH SYSTEMS**

3085 DE1 5 ARR ARR BARD E

Online class.

3090 DE2 5 ARR ARR BARD E

Online class.
ENGR 106  ENGINEERING PROBLEMS  NS
   3025 A  3  MF  1:20p.m.-3:50p.m.  HSB 104  GERICK J
   Lab Fee: $41.80

ENGR& 121  ENGINEERING GRAPHICS I
   3040 A  1-3 MW  2:00p.m.-4:15p.m.  VOC 113  MORRISON D

ENGR& 122  ENGINEERING GRAPHICS II
   3045 A  1-3 MW  2:00p.m.-4:15p.m.  VOC 113  MORRISON D
   Prerequisite: ENGR& 121 or instructor permission.

ENGR& 123  ENGINEERING GRAPHICS III
   3050 A  1-3 MW  2:00p.m.-4:15p.m.  VOC 113  MORRISON D
   Prerequisite: ENGR& 122 or instructor permission.

ENGR& 224  THERMODYNAMICS
   3058 A  5  TTh  3:00p.m.-5:00p.m.  HSB 137  LIVINS P

ENGR& 225  MECHANICS OF MATERIALS
   3060 A  5  MWF  7:30a.m.-8:55a.m.  HSB 135  MORRISON D

ENGL 096  READING WORKSHOP I
   2790 A  2  MWF  3:00p.m.-3:50p.m.  MAN 146  LEACH M
   Start Date: 04/18/16  End Date: 06/10/16

ENGL 097  READING WORKSHOP II
   2795 A  2  MWF  3:00p.m.-3:50p.m.  MAN 146  LEACH M
   Start Date: 04/18/16  End Date: 06/10/16

ENGL 098  COLLEGE READY ENGLISH I
   2805 B  5  MWF  9:00a.m.-10:25a.m.  AAR 110C  HAYNES J
   Uses Alternative Educational Resources.
   2810 C  5  DAILY  9:00a.m.-9:50a.m.  AAR 129  CONNOLLY B
   Uses Alternative Educational Resources.
   2815 DE  5  ARR  ARR  FRANZ J
   Uses Alternative Educational Resources.
   2820 E  5  DAILY  10:00a.m.-10:50a.m.  AAR 129  CONNOLLY B
   Uses Alternative Educational Resources.
   2825 F  5  MWF  1:20p.m.-2:45p.m.  MAN 147  HAYNES J
   Uses Alternative Educational Resources.

ENGL 099  COLLEGE READY ENGLISH II
   2835 A  5  DAILY  8:00a.m.-8:50a.m.  MAN 147  STOWELL B
   Uses Alternative Educational Resources.
   2840 B  5  MWF  9:00a.m.-10:25a.m.  AAR 110C  HAYNES J
   Uses Alternative Educational Resources.
   2845 C  5  DAILY  9:00a.m.-9:50a.m.  AAR 129  CONNOLLY B
   Uses Alternative Educational Resources.
   2850 DE  5  ARR  ARR  FRANZ J
   Uses Alternative Educational Resources.
   2855 E  5  DAILY  10:00a.m.-10:50a.m.  AAR 129  CONNOLLY B
   Uses Alternative Educational Resources.
   2860 F  5  MWF  1:20p.m.-2:45p.m.  MAN 147  HAYNES J
   Uses Alternative Educational Resources.

ENGL& 101  ENGLISH COMPOSITION I
   2925 A  5  DAILY  8:00a.m.-8:50a.m.  MAN 235  NORWOOD K
   Uses Alternative Educational Resources.
   2930 B  5  MWF  9:00a.m.-10:25a.m.  AAR 130  HULL K
   Uses Alternative Educational Resources.
   2935 C  5  TTh  9:00a.m.-11:00a.m.  MAN 203  STOWELL B
   Uses Alternative Educational Resources.
   2945 DE  5  ARR  ARR  FRANCKIEWICZ
   Uses Alternative Educational Resources.
   2955 E  5  MWF  11:10a.m.-12:35a.m.  AAR 130  HULL K
   Uses Alternative Educational Resources.
   2965 G  5  TTh  1:20p.m.-3:20p.m.  AAR 128  LEMIERE A
   Uses Alternative Educational Resources.
Meet the Faculty

Rob Davis directs the LCC Symphonic Band, teaches music theory, and chairs the performing and visual arts department. After graduating with honors from Brigham Young University, Rob earned a Doctor of Musical Arts degree from the University of Southern California. While at USC, Rob was honored to receive the Pi Kappa Lambda National Music Honor Society’s Outstanding Musical and Academic Achievement Award.

In addition to his duties at LCC, Rob has been the conductor and musical director of the Southwest Washington Symphony since 2013. He has directed bands, choirs, and orchestras of all sizes and levels.

A French horn player by specialty and prize-winner in five national solo and chamber music competitions, Rob has played horn with the Utah Symphony, the Utah Chamber Orchestra, the Orchestra at Temple Square, and numerous theatrical orchestras. He has also performed on over 100 recording studio projects for films, television programs, advertisements, and video games.

Rob has performed in concert with a diverse array of musicians, including Frederica von Stade, The King’s Singers, Peter Cetera, Debbie Reynolds, Lone Star, Lucy Lawless, and Jason Castro. Performance tours have taken Rob to Italy, Germany, Slovenia, Greece, England, Scotland, and Wales.
LCC Honor Student Benefits from U-Center Partnership

When 2016 Scholastic Achievement Award winner Zachary Sarmiento enrolled at LCC, he didn’t know that one day he’d be earning his bachelor’s degree. LCC’s partnership with Eastern Washington University (EWU) through the campus-based University Center allowed him to do just that, all without having to leave home or take on the high cost of a residential college.

After graduating with honors from LCC last spring, Zachary enrolled in EWU’s Applied Technology Bachelor’s program. Although the transition from community college to university was a challenge, he credits the support of staff from both institutions with helping him through the process.

EWU being available through LCC has opened up doors for me like I never thought it could. It truly is a blessing. It still is shocking to me that I could be attending a school to acquire my bachelors. It’s a dream come true.

Zachary Sarmiento

Zachary works two jobs in addition to going to school, which is made possible by the flexible scheduling offered by EWU. His favorite aspect of the Applied Technology program is the application of technical knowledge to real world situations. He is learning to communicate and express ideas about technology that he wasn’t able to before enrolling in the program, a skill that will definitely benefit him in the workplace. Zachary’s career plans include becoming an end-user specialist in the field of Information Technology.
Course # Course Name

ENGL & 102 COMPOSITION 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>
<td>2970 A</td>
<td>5</td>
<td>MW</td>
<td>9:00a.m.-11:00a.m.</td>
<td>AAR 106</td>
<td>ROOSE J</td>
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<tr>
<td>2975 B</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
<td>MAN 205</td>
<td>BAUER H</td>
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<tr>
<td>3010 C</td>
<td>5</td>
<td>MWF</td>
<td>9:00a.m.-10:25a.m.</td>
<td>AAR 128</td>
<td>NORWOOD K</td>
<td></td>
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</table>

Uses Alternative Educational Resources.

2985 DE 1 5 ARR ARR MCCARthy D

Online class.

2990 DE 2 5 ARR ARR MCCARthy D

Online class.

3000 G 5 MW 11:10a.m.-11:10p.m. AAR 128 FRANCKIEWICZ

Uses Alternative Educational Resources.

3012 IS 5 MTWTh 9:00a.m.-12:00p.m. MAN 234 ROOSE J

IS: “Race, Class, Sex & Gender.” Students must enroll in POLS& 202 IS, #5512, or POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or ENGL 245 IS, #3022 for a total of 15 credits.

ENGL 110 INDUSTRIAL COMMUNICATION

<table>
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<tbody>
<tr>
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<td>AAR 108</td>
<td>DIGGERLANDO N</td>
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Uses Alternative Educational Resources.

2875 B 5 TTh 1:20p.m.-3:20p.m. MAN 234 ROOSE J

ENGL 126 ARTS MAGAZINE PUBLICATION III

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<tr>
<th>Item#</th>
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<th>Cred. #</th>
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<th>Instructor</th>
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<tbody>
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<td>1:00p.m.-3:00p.m.</td>
<td>MAN 148</td>
<td>BAUER H</td>
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Students must arrange one additional hour lab time per week.

ENGL 226 ARTS MAGAZINE PUBLICATION VI

<table>
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<tr>
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<th>Cred. #</th>
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<td>2890 A</td>
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<td>1:00p.m.-3:00p.m.</td>
<td>MAN 148</td>
<td>BAUER H</td>
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Students must arrange one additional hour lab time per week.

ENGL 231 CREATIVE WRITING

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<td>2895 A</td>
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<td>1:20p.m.-3:20p.m.</td>
<td>MAN 207</td>
<td>HULL K</td>
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ENGL 232 CREATIVE WRITING

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<td>1:20p.m.-3:20p.m.</td>
<td>MAN 207</td>
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ENGL 233 CREATIVE WRITING

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ENGL & 244 AMERICAN LITERATURE I

<table>
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<th>Days</th>
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<th>Instructor</th>
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<tr>
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ENGL 245 CONTEMPORARY LITERATURE

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<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
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<th>Place</th>
<th>Instructor</th>
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<tr>
<td>3022 IS 5 MTWTh 9:00a.m.-12:00p.m.</td>
<td>MAN 119</td>
<td>DIGGERLANDO N</td>
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IS: “Race, Class, Sex & Gender.” Students must enroll in POLS& 202 IS, #5512, or POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or ENGL 245 IS, #3022 for a total of 15 credits.

ENGL 270 LITERATURE FOR CHILDREN

<table>
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<tr>
<td>2915 DE 1 5 ARR ARR MCCARTHY D Online class.</td>
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<td>2920 DE 2 5 ARR ARR MCCARTHY D Online class.</td>
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ENGS 101 ENGLISH COMPOSITION I

<table>
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<th>Sec. #</th>
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<th>Days</th>
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<tr>
<td>2967 N</td>
<td>5</td>
<td>T</td>
<td>5:15p.m.-7:20p.m.</td>
<td>AAR 110</td>
<td>ROOSE J</td>
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</table>

Environmental Science

ENVS 215 ENVIRONMENTAL ISSUES & APPLICATIONS

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec. #</th>
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<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3065 A</td>
<td>5 W 12:00p.m.-4:00p.m.</td>
<td>HSB 135</td>
<td>LAPIERRE L</td>
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Hybrid class; partially online.

Lab Fee: $13.20

Fire Science

A $15.00 per credit fee to a maximum of $150.00 is charged for all FISC classes, unless otherwise noted.

FISC 206 HAZARDOUS MATERIALS

<table>
<thead>
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<th>Item#</th>
<th>Sec. #</th>
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<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>3635 A</td>
<td>3 T 1:30p.m.-4:00p.m.</td>
<td>DTV 202</td>
<td>MACK B</td>
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A state certification, IFSAC, will be offered at the end of the class. Contact 360.442.2871 for more information.

FISC 224 FIRE SERVICE INSTRUCTOR I

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred. #</th>
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<tr>
<td>3645 MM 3</td>
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<td>MACK B</td>
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FISC 255 FIRE FIGHTING TACTICS

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<th>Days</th>
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<tr>
<td>3650 A</td>
<td>3 W 1:30p.m.-4:00p.m.</td>
<td>DTV 202</td>
<td>MACK B</td>
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Geology

GEOL 118 HISTORICAL GEOLOGY

<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>3665 A</td>
<td>5 MWF 11:10a.m.-12:00p.m.</td>
<td>HSB 139</td>
<td>CORDERO D</td>
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Lab included. Lab Fee: $13.20

FISC 125 FIRE SERVICE RESCUE

<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>3625 N</td>
<td>5 T 5:15p.m.-7:45p.m.</td>
<td>DTV 202</td>
<td>MACK B</td>
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</tbody>
</table>

Class will meet three Saturdays. Contact the instructor for dates at bmack@lowercolumbia.edu. For more information call 360.442.2871.
High School Completion

The High School Completion lab is located in the International Center. Please call 360.442.2691 for more information. Students may enroll in HSC classes for 3 or 5 credits.

<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>HSC 075</td>
<td>INTRODUCTION TO DRAMA</td>
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<tr>
<td>HSC 076</td>
<td>FAMILY LIFE</td>
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<td>HSC 079</td>
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<td>MATH CONCEPTS-ALGEBRA</td>
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<td>HSC 081</td>
<td>CULMINATING PROJECT</td>
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<td>HSC 083</td>
<td>CAREER PLANNING</td>
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<tr>
<td>HSC 085</td>
<td>HEALTH</td>
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<td>HSC 086</td>
<td>INTRODUCTION TO LITERATURE</td>
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<td>HSC 087</td>
<td>INTRODUCTION TO POETRY</td>
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<tr>
<td>HSC 088</td>
<td>INTRODUCTION TO WRITING</td>
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<td>NATURAL HAZARDS</td>
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<td>HSC 094</td>
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<td>HSC 095</td>
<td>WASHINGTON STATE HISTORY</td>
<td>4085</td>
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<td>HSC 096</td>
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<td>HSC 097</td>
<td>PERSONAL FINANCE</td>
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History

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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>HIST 128</td>
<td>WORLD CIVILIZATIONS III:DIV</td>
<td>SS,D</td>
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<tr>
<td>3775 A</td>
<td>MWF 11:10a.m.-12:35p.m.</td>
<td>MAN 145</td>
<td>SHAH C</td>
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<tr>
<td>HIST 136</td>
<td>US HISTORY 1</td>
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<tr>
<td>3780 A</td>
<td>MW 8:00a.m.-10:00a.m.</td>
<td>MAN 145</td>
<td>AUSTIN K</td>
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<tr>
<td>3785 DE</td>
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<td>HIST 137</td>
<td>US HISTORY 2</td>
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<td>3790 A</td>
<td>MWF 1:20p.m.-2:45p.m.</td>
<td>MAN 234</td>
<td>SHAH C</td>
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<tr>
<td>3795 B</td>
<td>TTh 8:00a.m.-10:00a.m.</td>
<td>MAN 145</td>
<td>AUSTIN K</td>
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<tr>
<td>3800 DE</td>
<td>ARR</td>
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<tr>
<td>HIST 205</td>
<td>HISTORY OF EAST ASIA:DIV</td>
<td>SS,D</td>
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<tr>
<td>3803 A</td>
<td>W 1:00p.m.-3:00p.m.</td>
<td>HSB 104</td>
<td>VAUGHN C</td>
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Hybrid class; partially online.

Health

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

<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>HLTH 100</td>
<td>OCCUPATIONAL SAFETY AND HEALTH</td>
<td>3810 A</td>
<td>Sa</td>
<td>8:00a.m.-5:00p.m.</td>
<td>DTV 202</td>
<td>JOHNSON B</td>
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<td>3820 B</td>
<td>MW</td>
<td>11:10a.m.-12:25p.m.</td>
<td>DTV 202</td>
<td>JOHNSON B</td>
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<td>3830 HB</td>
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<td>The 1st Aid/CPR session is scheduled for Saturday, April 23, 2016 from 8 a.m. to 5 p.m. in DTV 202.</td>
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<tr>
<td>HLTH 105</td>
<td>FIRST AID/CPR/BLOOD BORNE PATHOGENS</td>
<td>3840 A</td>
<td>F</td>
<td>1:00p.m.-2:50p.m.</td>
<td>DTV 202</td>
<td>JOHNSON B</td>
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<td>3850 B</td>
<td>MWF</td>
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<td>DTV 202</td>
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</table>

Human Development

HDEV 101 | CAREER PLANNING | 3695 A | 2 TTh | 1:20p.m.-2:50p.m. | MAN 149 | SHARP B |
Start Date: 05/10/16 End Date: 06/09/16

HDEV 115 | STRESS MANAGEMENT | 3690 A | 2 M | 1:20p.m.-2:50p.m. | MAN 149 | SHARP B |

HDEV 120 | INDIVIDUAL & GROUP RELATIONS | 3695 B | 1-2 ARR |       |       |       |       |             |

HDEV 299 | INDEPENDENT STUDY | 3770 A | 1-10 ARR ARR |       |       |       |       |             |

Humanities

HUM 106 | COMMUNITY CONVERSATIONS | 4120 A | 1 Th | 12:00p.m.-1:00p.m. | HSB 101 | SHAH C |
Topic - Birds, Bees, and Sexualities

HUM 107 | HOW TO SEE A PLAY | 4130 A | 1 ARR |       |       |       |       |             |

Contact instructor at brichard@lowercolumbia.edu for class meeting dates.

HUM 118 | HUMANITIES III | 4140 A | 5 MWF | 1:00p.m.-2:50p.m. | MAN 119 | LEACH M |

HUM 210 | MYTH AND RITES:DIV | 4150 A | 5 TTh | 1:00p.m.-3:00p.m. | MAN 145 | LEACH M |
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 Workforce Services Manager, Dani Trimble, at 360.442.2622 or email dtrimble@lowercolumbia.edu

ICP 299 INDEPENDENT STUDY
4165 A 1-10 ARR ARR STAFF

Machine Trades

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

MA SP 107 MACHINING FOR RELATED OCCUPATIONS
4370 A 2-6 DAILY 8:00 a.m.-11:00 a.m. VOC 114 SHEPHERD N

MA SP 111 MACHINE SHOP I
4380 A 2-10 DAILY 8:00 a.m.-11:00 a.m. VOC 114 SHEPHERD N

MA SP 112 MACHINE SHOP II
4395 A 2-10 DAILY 8:00 a.m.-11:00 a.m. VOC 114 SHEPHERD N
Prerequisite: 10 credits of MASP 107 and/or MASP 111.

MA SP 113 MACHINE SHOP III
4405 A 2-10 DAILY 8:00 a.m.-11:00 a.m. VOC 114 TODD K
Prerequisite: 10 credits of MASP 112.

MA SP 114 MACHINE SHOP IV
4415 A 2-10 DAILY 8:00 a.m.-11:00 a.m. VOC 114 TODD K
Prerequisite: 10 credits of MASP 113.

MA SP 204 CNC MACHINING CENTER FUNDAMENTALS
4425 MK 3 ARR ARR TODD K
Please contact the instructor at 360.442.2745 or ktodd@lowercolumbia.edu for more information.

MA SP 205 CNC MACHINING CENTER FUNDAMENTALS
4430 MK 3 ARR ARR TODD K
Please contact the instructor at 360.442.2745 or ktodd@lowercolumbia.edu for more information.

MA SP 221 CNC MILLING
4435 A 2-10 DAILY 8:00 a.m.-11:00 a.m. VOC 114 TODD K
Prerequisite: MASP 204.

MA SP 222 CNC TURNING
4440 A 2-10 DAILY 8:00 a.m.-11:00 a.m. VOC 114 TODD K
Prerequisite: MASP 205

MA SP 223 ADVANCED CNC PROCESSES
4445 A 2-6 DAILY 8:00 a.m.-11:00 a.m. VOC 114 TODD K
Prerequisite: MASP 221 or MASP 222.

Manufacturing

MFG 120 QUALITY ASSURANCE
4885 A 4 TTh 3:30 p.m.-5:10 p.m. VOC 112 JOINER T

MFG 230 CIM
4890 A 4 TTh 1:00 p.m.-3:30 p.m. VOC 113 TODD K
Computer lab fee will be charged.

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 located in the Admissions Center. Call for more information 360.442.2353

Upcoming Dates:
June 1: 5-8 p.m.
June 13 & 14: 9 a.m.-12 p.m.
Registration Required
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. Students who do not pass the test may be required to enroll in the Pre-College Math course and will need to take the Placement Assessment again in order to progress in their 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, 148, 152, 153, and 210 provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com.

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

### Pre-College Math

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>MATH 050</td>
<td>REVIEW MATH-WHOLE NUMBERS</td>
<td>4470 A</td>
<td>1</td>
<td>DAILY</td>
<td>10:00a.m.-10:50a.m.</td>
<td>PSC 102</td>
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<td>Start Date: 04/04/16 End Date: 04/29/16</td>
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<tr>
<td>MATH 078</td>
<td>PRE-COLLEGE MATH I</td>
<td>4471 A</td>
<td>3</td>
<td>DAILY</td>
<td>10:00a.m.-10:50a.m.</td>
<td>PSC 102</td>
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<td>Start Date: 05/02/16 End Date: 06/10/16</td>
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<td>MATH 078/079</td>
<td>PRE-COLLEGE MATH II — 5 Credits</td>
<td>4485 and 4486 B</td>
<td>DAILY</td>
<td>8:00a.m.-8:50a.m.</td>
<td>HSB 107</td>
<td>BABBICK L</td>
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<tr>
<td>4490 and 4491 C</td>
<td>DAILY</td>
<td>9:00a.m.-9:50a.m.</td>
<td>PSC 102</td>
<td>BYKER B</td>
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<tr>
<td>4497 and 4498 F</td>
<td>DAILY</td>
<td>10:00a.m.-10:50a.m.</td>
<td>MAN 146</td>
<td>MORRISON D</td>
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<tr>
<td>4500 and 4501 G</td>
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<td>11:10a.m.-12:00p.m.</td>
<td>AAR 102</td>
<td>BYKER B</td>
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<td>MATH 079/088</td>
<td>PRE-COLLEGE MATH III — 5 Credits</td>
<td>4530 and 4531 H</td>
<td>DAILY</td>
<td>9:00a.m.-9:50a.m.</td>
<td>HSB 107</td>
<td>BABBICK L</td>
</tr>
<tr>
<td>MATH 087/097</td>
<td>ESSENTIAL PRE-COLLEGE MATH II — 6 Credits</td>
<td>4550 and 4551 I</td>
<td>MWF</td>
<td>8:00a.m.-8:50a.m.</td>
<td>HSB 104</td>
<td>SKEIE T</td>
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<tr>
<td>4645 and 4646 V</td>
<td>MWF</td>
<td>11:10a.m.-12:00p.m.</td>
<td>HSB 104</td>
<td>SAMUELS S</td>
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<td>TTh</td>
<td>11:10a.m.-11:50p.m.</td>
<td>HSB 104</td>
<td>SAMUELS S</td>
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<tr>
<td>MATH 088/089</td>
<td>PRE-COLLEGE MATH II — 5 Credits</td>
<td>4555 and 4556 J</td>
<td>DAILY</td>
<td>9:00a.m.-9:50a.m.</td>
<td>MAN 146</td>
<td>MALOZZI J</td>
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<td>4560 and 4561 L</td>
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<td>11:10a.m.-12:00p.m.</td>
<td>HSB 123</td>
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<tr>
<td>4565 and 4566 O</td>
<td>MWF</td>
<td>1:20p.m.-2:50p.m.</td>
<td>MAN 146</td>
<td>RHODE C</td>
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<tr>
<td>4540 and 4541 DE</td>
<td>DAILY</td>
<td>ARR</td>
<td>BENJAMIN B</td>
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Online class. 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.
MATH 220  LINEAR ALGEBRA  NS
4725 A  5  DAILY  12:25p.m.-1:15p.m.  HSB 106  DRAUS D

EVENING CLASSES
MATH 210  ELEMENTS OF STATISTICS  NS
4720 N  5  TTh  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

Math Achievement Center
The Math Achievement Center, Main 127, 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 9 a.m., 1 p.m. or 4 p.m. in Main 127. There is a minimum attendance requirement. You will receive this information at orientation.
Online homework and electronic textbook for all Pre-College Math 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

Course # Course Name  Item# Sec. # Cred. # Days Time Place Instructor
MATH 050  REVIEW MATH-WHOLE NUMBER  4475 P  1  DAILY  ARR  MAN 127  STAFF
MATH 078  PRE-COLLEGE MATH I  4505 P  3  DAILY  ARR  MAN 127  STAFF
MATH 079  PRE-COLLEGE MATH I  4535 P  2  DAILY  ARR  MAN 127  STAFF
MATH 088  PRE-COLLEGE MATH II  4570 P  3  DAILY  ARR  MAN 127  STAFF
MATH 089  PRE-COLLEGE MATH II  4600 P  2  DAILY  ARR  MAN 127  STAFF
MATH 098  PRE-COLLEGE MATH III  4620 P  3  DAILY  ARR  MAN 127  STAFF
MATH 099  PRE-COLLEGE MATH III  4660 P  2  DAILY  ARR  MAN 127  STAFF

Medical Assisting

MATH—MUSC

MUSC 100  FUNDAMENTALS OF MUSIC  H
4895 A  5  Th  10:00a.m.-12:00p.m.  RCA 220  DAVIS R
Uses Alternative Educational Resources. Hybrid class; partially online.

MUSC 103  THEORY/MUSICSHIP III  H
4900 A  5  MWF  10:00a.m.-12:25a.m.  RCA 218  DAVIS R
Concurrent enrollment in MUSC 113 required.

MUSC& 105 MUSIC APPRECIATION  H
5065 DE  5  ARR  ARR  CHALLED G
Uses Alternative Educational Resources. Online class.

MUSC 108  GROUP PIANO INSTRUCTION  H
4905 A  2  MW  2:00p.m.-3:15p.m.  RCA 221  DAVIS R
Uses Alternative Educational Resources.

MUSC 113  EAR TRAINING III  H
4910 L  1  MW  11:25a.m.-12:50a.m.  RCA 218  DAVIS R

MUSC 117  MUSIC CULTURES WORLD:DIV  D,H
4915 DE  5  ARR  ARR  NORWOOD K
Online class.

MUSC 121  BEGINNING GUITAR  H,P
4920 A  2  TTh  3:30p.m.-4:30p.m.  RCA 102  HARBAUGH K
Guitars are provided for student use. Students will be able to take guitars home for practice.

MUSC 134  STRING CHAMBER MUSIC  H,P
4970 A  1  ARR  DAVIS T
Lab Fee: $7.50
Nursing

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

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

Nursing Assistant (NURS 090) is an 8-credit course that provides students the content and experience to give basic nursing care to patients under the supervision of a licensed nurse. Please contact Bev Ylen, Nursing and Allied Health Program Assistant, 360.442.2860 for course information.

**EVENING CLASSES**

**NURS 090 NURSING ASSISTANT—LAB**

- **5090 LA 8 ARR ARR HSB 249 MACLAREN A**
  - Instructor permission required to enroll.
- **5095 NA 8 ARR 4:30p.m.-9:30p.m. HSB 249 MACLAREN A**
  - Instructor permission required to enroll.

**Nutrition**

**NUTR 101 NUTRITION**

- **5275 A 5 TTh 10:00a.m.-11:20a.m. GYM 212 ROSS E**
  - Hybrid class; partially online.
- **5280 B 5 M 12:00p.m.-2:00p.m. GYM 212 KEPLER C**
  - Hybrid class; partially online.
- **5285 C 5 TTh 9:00a.m.-9:50a.m. GYM 212 SANCHEZ E**
  - Hybrid class; partially online.
- **5290 DE1 5 ARR ARR HSB 249 MACLAREN A**
  - Exams must be proctored for this course, using either the LCC testing center or the online option ProctorU, contact the instructor for more information.
  - Uses Alternative Educational Resources.
- **5295 DE2 5 ARR ARR HSB 249 MACLAREN A**
  - Online class.
- **5287 E 5 TTh 1:20p.m.-2:30p.m. GYM 212 KOOIMAN J**
  - Hybrid class; partially online.

**Oceanography**

**OCEA 101 INTRODUCTION TO OCEANOGRAPHY W/LAB**

- **5300 A 5 MWF 9:00a.m.-9:50a.m. HSB 139 CORDERO D**
  - Lab Fee: $10.80
- **5301 B 5 MW 10:00a.m.-10:50a.m. HSB 139 CORDERO D**
  - Lab Fee: $10.80
  - TTh 9:00a.m.-10:50a.m. HSB 139 CORDERO D
  - afternoon 1:00p.m.-2:00p.m. HSB 139 CORDERO D
  - evening 4:30p.m.-9:30p.m. HSB 249 MACLAREN A

Private music lessons are available. A fee of $500.00 per credit is collected for this course in addition to tuition. To register for Instrumental, contact rdavis@lowercolumbia.edu; for Vocal, contact gchalled@lowercolumbia.edu.
# Physical Education

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 104</td>
<td>BEGINNING PILATES &amp; STRETCH</td>
<td>A</td>
<td>TTh</td>
<td>9:00a.m.-9:50a.m.</td>
<td>GYM 210</td>
<td>SKERBECK C</td>
</tr>
<tr>
<td>PHED 105</td>
<td>PILATES &amp; YOGA-BEGINNING</td>
<td>A</td>
<td>TTh</td>
<td>8:00a.m.-8:50a.m.</td>
<td>GYM 210</td>
<td>SKERBECK C</td>
</tr>
<tr>
<td>PHED 106</td>
<td>YOGA FOR BEGINNERS</td>
<td>A</td>
<td>MW</td>
<td>12:00p.m.-12:50p.m.</td>
<td>GYM 210</td>
<td>ROSS E</td>
</tr>
<tr>
<td>PHED 120</td>
<td>CROSS TRAINING</td>
<td>A</td>
<td>TTh</td>
<td>1:00p.m.-1:50p.m.</td>
<td>GYM 113</td>
<td>SANchez E</td>
</tr>
<tr>
<td>PHED 128</td>
<td>WEIGHT TRAINING</td>
<td>A</td>
<td>TTh</td>
<td>2:00p.m.-2:50p.m.</td>
<td>GYM 113</td>
<td>SANchez E</td>
</tr>
<tr>
<td>PHED 147</td>
<td>APPLIED FASTPITCH-WOMEN</td>
<td>A</td>
<td>DAILY</td>
<td>2:00p.m.-2:50p.m.</td>
<td>GYM</td>
<td>FULLER T</td>
</tr>
<tr>
<td>PHED 152</td>
<td>PERSONALIZED FITNESS</td>
<td>A</td>
<td>MW</td>
<td>11:00a.m.-11:50a.m.</td>
<td>GYM 113</td>
<td>LANE E</td>
</tr>
<tr>
<td>PHED 155</td>
<td>ROCK CLIMBING-BEGINNING</td>
<td>A</td>
<td>MW</td>
<td>4:00p.m.-4:50p.m.</td>
<td>GYM 113</td>
<td>HAYES E</td>
</tr>
<tr>
<td>PHED 162</td>
<td>APPLIED BASEBALL</td>
<td>A</td>
<td>DAILY</td>
<td>2:00p.m.-2:50p.m.</td>
<td>GYM 211</td>
<td>SMITH E</td>
</tr>
<tr>
<td>PHED 204</td>
<td>INTERMEDIATE PILATES &amp; STRETCH</td>
<td>A</td>
<td>TTh</td>
<td>9:00a.m.-9:50a.m.</td>
<td>GYM 210</td>
<td>SKERBECK C</td>
</tr>
<tr>
<td>PHED 205</td>
<td>PILATES &amp; YOGA-INTERMEDIATE</td>
<td>A</td>
<td>TTh</td>
<td>8:00a.m.-8:50a.m.</td>
<td>GYM 210</td>
<td>SKERBECK C</td>
</tr>
<tr>
<td>PHED 220</td>
<td>CROSS TRAINING</td>
<td>A</td>
<td>TTh</td>
<td>1:00p.m.-1:50p.m.</td>
<td>GYM 113</td>
<td>SANchez E</td>
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<tr>
<td>PHED 228</td>
<td>WEIGHT TRAINING</td>
<td>A</td>
<td>TTh</td>
<td>2:00p.m.-2:50p.m.</td>
<td>GYM 113</td>
<td>SANchez E</td>
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<tr>
<td>PHED 247</td>
<td>APPLIED FASTPITCH SOFTBALL-WOMEN</td>
<td>A</td>
<td>DAILY</td>
<td>2:00p.m.-2:50p.m.</td>
<td>GYM</td>
<td>FULLER T</td>
</tr>
<tr>
<td>PHED 252</td>
<td>PERSONALIZED FITNESS</td>
<td>A</td>
<td>MW</td>
<td>11:00a.m.-11:50a.m.</td>
<td>GYM 113</td>
<td>LANE E</td>
</tr>
<tr>
<td>PHED 259</td>
<td>PERSONAL TRAINING INSTRUCTION</td>
<td>A</td>
<td>TTh</td>
<td>10:00a.m.-10:20a.m.</td>
<td>GYM 211</td>
<td>SANchez E</td>
</tr>
<tr>
<td>PHED 296</td>
<td>GROUP EXERCISE INSTRUCTION</td>
<td>A</td>
<td>MW</td>
<td>10:00a.m.-10:20a.m.</td>
<td>GYM 212</td>
<td>ROSS E</td>
</tr>
</tbody>
</table>

### Evening Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 171</td>
<td>PREVENTION AND CARE OF ATHLETIC INJURIES</td>
<td>A</td>
<td>M</td>
<td>6:00p.m.-9:15p.m.</td>
<td>GYM 212</td>
<td>EARNEST E</td>
</tr>
</tbody>
</table>

# Philosophy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL &amp; 101</td>
<td>INTRODUCTION TO PHILOSOPHY</td>
<td>H</td>
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</tbody>
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## 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
Physics

PHYS& 100 PHYSICS: NON-SCIENCE MAJOR
5440 A 5 MWF 1:20p.m.-2:35p.m. HSB 137 LIVINS P
Th 11:00a.m.-12:40p.m. HSB 137 LIVINS P
Lab included.
Lab Fee: $13.20

PHYS& 116 GENERAL PHYSICS III
5450 A 5 MWFTh 8:00a.m.-8:50a.m. HSB 137 LIVINS P
Students must also enroll in one of the lab sections, PHYS 116 LA, LB, or LC.
Lab Fee: $13.20

PHYS& 116 GENERAL PHYSICS III—LAB
5455 LA 0 T 9:00a.m.-10:40a.m. HSB 137 LIVINS P
5460 LB 0 T 11:00a.m.-12:40p.m. HSB 137 LIVINS P
5465 LC 0 ARR ARR

PHYS& 223 ENGINEERING PHYSICS III
5470 A 5 MWF 10:00a.m.-11:15a.m. HSB 137 LIVINS P
Students must also enroll in one of the lab sections, PHYS 223 LA, LB, or LC.
Lab Fee: $13.20

PHYS& 223 ENGINEERING PHYSICS III—LAB
5475 LA 0 T 1:00p.m.-2:40p.m. HSB 137 LIVINS P
5480 LB 0 Th 1:00p.m.-2:40p.m. HSB 137 LIVINS P
5485 LC 0 ARR ARR

Political Science

POLS& 202 AMERICAN GOVERNMENT
5510 A 5 M 1:00p.m.-3:00p.m. AAR 104 VAUGH C
Hybrid class; partially online.
5512 IS 5 MWFTh 9:00a.m.-12:00p.m. MAN 119 BENSON D
IS: “Race, Class, Sex & Gender.” Students must enroll in POLS& 202 IS, #5512, or
POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or
ENGL 245 IS, #3022 for a total of 15 credits.

POLS& 203 INTERNATIONAL RELATIONS
5515 A 5 M 9:00a.m.-11:00a.m. AAR 102 VAUGH C
Hybrid class; partially online.

POLS 220 THE LAW & SOCIAL ISSUES
5500 A 5 MWF 1:20p.m.-3:30p.m. MAN 145 QUIRK A

POLS 296 SELECT TOPICS POLITICAL SCIENCE III
5505 IS 5 MWFTh 9:00a.m.-12:00p.m. MAN 119 BENSON D
IS: “Race, Class, Sex & Gender.” Students must enroll in POLS& 202 IS, #5512, or
POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or
ENGL 245 IS, #3022 for a total of 15 credits.

Process Manufacturing

EVENING CLASSES
PMFG 202 ELECTRIC MOTORS
5490 N 2 W 6:00p.m.-7:40p.m. VOC 112 JOINER T

PMFG 210 ADVANCED INDUSTRIAL MAINTENANCE
5495 N 5 TTh 6:00p.m.-8:10p.m. VOC 112 JOINER T

Psychology

PSYC& 100 GENERAL PSYCHOLOGY
5545 A 5 MW 9:00a.m.-11:00a.m. PSC 104 AL-SAMARRAI L
5550 B 5 TTh 9:00a.m.-11:00a.m. PSC 104 HERR K
5560 DE 5 ARR ARR

PSYC& 200 LIFESPAN PSYCHOLOGY
5580 A 5 MW 1:20p.m.-3:20p.m. PSC 104 RICHIE G
5585 DE 5 ARR ARR

Sociology

SOC& 101 INTRODUCTION TO SOCIOLOGY:DIV
5630 A 5 MW 9:00a.m.-11:00a.m. MAN 234 WEAVER N
Uses Alternative Educational Resources.
5635 B 5 MW 1:20p.m.-3:20p.m. PSC 102 BATEY T
Uses Alternative Educational Resources.
5640 C 5 TTh 9:00a.m.-11:00a.m. MAN 234 WEAVER N
Uses Alternative Educational Resources.
5645 DE 5 ARR ARR

SOC 210 HUMAN SEXUALITY
5653 IS 5 MWFTh 9:00a.m.-12:00p.m. MAN 119 STRAYER M
IS: “Race, Class, Sex & Gender.” Students must enroll in POLS& 202 IS, #5512, or
POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or
ENGL 245 IS, #3022 for a total of 15 credits.
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.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN &amp; 121</td>
<td>SPANISH I:DIV</td>
<td>D, H</td>
<td>5 DAILY</td>
<td>8:00a.m.-8:50a.m.</td>
<td>MAN 125</td>
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<td>9:00a.m.-9:50a.m.</td>
<td>MAN 125</td>
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<td>ARR</td>
<td>ARR</td>
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<tr>
<td>SPAN &amp; 122</td>
<td>SPANISH II:DIV</td>
<td>D, H</td>
<td>5 MWF</td>
<td>11:10a.m.-12:35p.m.</td>
<td>MAN 205</td>
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<tr>
<td>SPAN &amp; 123</td>
<td>SPANISH III:DIV</td>
<td>D, H</td>
<td>5 MWF</td>
<td>11:10a.m.-12:35p.m.</td>
<td>MAN 125</td>
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<tr>
<td>SPAN &amp; 221</td>
<td>SPANISH IV</td>
<td>H</td>
<td>5</td>
<td>ARR</td>
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<tr>
<td>SPAN &amp; 222</td>
<td>SPANISH V</td>
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<td>ARR</td>
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<tr>
<td>SPAN &amp; 223</td>
<td>SPANISH VI</td>
<td>H</td>
<td>5</td>
<td>ARR</td>
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</table>

This is an online course. You will be required to record your speeches in front of an audience you provide. Please contact the instructor at ppellham@lowercolumbia.edu for more information.

Online class.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 104</td>
<td>INTERPERSONAL COMMUNICATION</td>
<td>H</td>
<td>2</td>
<td>MW</td>
<td>3:30p.m.-5:30p.m.</td>
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<tr>
<td>SPCH 110</td>
<td>INTRODUCTION TO PUBLIC SPEAKING</td>
<td>H</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
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<tr>
<td>SPCH 128</td>
<td>COMPETITIVE PUBLIC SPEAKING</td>
<td>H</td>
<td>2</td>
<td>MW</td>
<td>3:30p.m.-5:30p.m.</td>
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</tbody>
</table>

Hybrid class; partially online.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>SPCH 110</td>
<td>INTRODUCTION TO PUBLIC SPEAKING</td>
<td>H</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
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<tr>
<td>SPCH 209</td>
<td>RHETORIC AND CRITICISM OF POP CULTURE:DIV</td>
<td>H, D</td>
<td>5</td>
<td>TTh</td>
<td>1:20p.m.-3:20p.m.</td>
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<tr>
<td>SPCH 218</td>
<td>COMPETITIVE PUBLIC SPEAKING</td>
<td>H</td>
<td>2</td>
<td>MW</td>
<td>3:30p.m.-5:30p.m.</td>
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<tr>
<td>SPCH 238</td>
<td>INTERCOLLEGIATE DEBATE</td>
<td>H</td>
<td>2</td>
<td>MW</td>
<td>3:30p.m.-5:30p.m.</td>
</tr>
</tbody>
</table>

Hybrid class; partially online.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 110</td>
<td>INTRODUCTION TO PUBLIC SPEAKING</td>
<td>H</td>
<td>5</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
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<tr>
<td>SPCH 114</td>
<td>SMALL GROUP COMMUNICATION</td>
<td>H</td>
<td>5</td>
<td>T</td>
<td>5:30p.m.-7:45p.m.</td>
</tr>
</tbody>
</table>

Hybrid class; partially online.
## Welding Technology

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

### WELD 105 RELATED WELDING I
- **5880 A** 6 DAILY 8:00a.m.-11:00a.m.  VOC 161  EVALD A
- **5885 B** 1-6 MW 8:00a.m.-11:00a.m.  VOC 161  EVALD A
- **5890 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD A

### WELD 151 INTRODUCTION TO OXY ACETYLENE
- **5910 A** 6 DAILY 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **5915 B** 1-8 MWTHF 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **5920 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD/EV ALD

### WELD 152 INTRODUCTION TO ARC WELDING
- **5940 A** 10 DAILY 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **5945 B** 1-8 MWTHF 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **5950 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD/EV ALD

### WELD 221 WIRE MACHINE
- **5975 A** 10 DAILY 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **5980 B** 1-6 MW 8:00a.m.-11:00a.m.  VOC 161  EVALD/EV ALD
- **5985 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD/EV ALD

### WELD 222 ADVANCED WIRE MACHINE
- **6005 A** 6 MW 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6010 B** 1-6 MW 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6015 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD/EV ALD

### WELD 254 ARC WELDING
- **6035 A** 10 DAILY 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6040 B** 1-8 MWTHF 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6045 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD/EV ALD

### WELD 255 ADVANCED WELDING PROCESSES
- **6065 A** 10 DAILY 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6070 B** 1-8 MWTHF 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6075 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD/EV ALD

### WELD 256 ADVANCED WELDING APPLICATION
- **6095 A** 10 DAILY 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6100 B** 1-8 MWTHF 8:00a.m.-11:00a.m.  VOC 161  BYRUM/EVALD
- **6105 C** 1-6 MW 1:00p.m.-4:00p.m.  VOC 161  EVALD/EV ALD

### WELD 299 INDEPENDENT STUDY
- **6135 A** 1-10 ARR  ARR  VOC 161  WELD FACULTY

Instructor permission required to enroll.
Adult Basic Education classes are non-credit classes available to anyone 16 years or older needing to review or learn basic skills. Classes cost $25 per quarter.

In addition to reading, writing and math skills, basic computer classes are also available. Pre-registration is encouraged, but students may enroll any time during the quarter. Language and math skills are assessed before you enroll. Students 16-18 need a signed release from their district high school. Call 360.442.2580 for more information.

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.-8:50 p.m.

LCC Head Start (19th Ave.)

Tues–Thurs 9:30 a.m.-11:20 a.m.

GED Fast Track (15th Avenue, Applied Arts 101)

Intensive, individualized instruction for students who are almost ready to take the GED tests.

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 12:30 p.m.-2:10 p.m.
Mon–Thurs 10:00 a.m.-11:50 a.m.

Woodland ABE Classes

Woodland Middle School

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 classes are non-credit classes designed to teach reading, writing, speaking and listening. Classes cost $25 per quarter. They are held at Lower Columbia College, Woodland Middle School, and other locations.

Students may enroll anytime during the quarter. Registration and language assessment take place the first day that students attend class. Call 360.442.2580 for more information.

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 Middle School

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 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.
Corporate and Continuing Education at Lower Columbia College assists individuals and employers to meet their personal and professional education and training needs by offering non-credit classes to the community. These classes are offered both on-site and online, to accommodate the needs of our students.

Business & Professional Development

LCC offers a variety of services supporting workforce development and customized training through the Workforce & Corporate and Continuing Education Department. Working with area businesses, industries and agencies, LCC offers Work keys profiling and assessment services to provide employers, employees and job seekers with direct information regarding the skills needed to succeed in various jobs. Employees and job seekers can measure their skills and compare them to skill profiles for specific jobs. Follow-up training using KeyTrain and other tools is available.

Employees and job seekers can document skill proficiency by taking the three assessments on the National Career Readiness Certificate (NCRC) – Applied Mathematics, Reading for Information and Locating Information. The NCRC is a portable, evidence-based credential that certifies essential skills needed for workplace success.

LCC also offers computer skills testing, typing tests and other tests to measure the skill level of employees and applicants.

Support for companies looking for specialized training is also available. LCC frequently works with employers to provide or arrange customized training in a variety of areas, including job-specific Spanish language courses, quality assurance, business computer applications, customer service, and other areas critical to organizational success.

Art & Culture

STEMtastic Day Camp

Thursday, April 7
8 a.m.-12:30 p.m.
LCC Campus • Ages 8-14 • $39

Join us for a morning of fun, hands-on STEM learning. Space is limited, so register early to guarantee your spot!

Lower Columbia College

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) $85 No class 5/30

College of Collage
Experience the endless creative possibilities of collage. Few art methods allow such flexibility and personal narrative. This course will cover techniques for determining subject matter, integrating a variety of materials and personalizing imagery. We will learn about adhesives, surfaces, and combinations of drawing and painting materials used in collage. MAN 109 (Wade) $75

Drawing Outdoors
The focus in this course is on the development and refinement of time-tested drawing basics. We will investigate and introduce techniques of light and shadow, perspective, proportion, visual measuring, and texture. Along with the studio basics, this spring session will take advantage of extended daylight and favorable weather. We’ll take opportunities to visit several outdoor locations, including spots around campus and the city. DTV 201 (Wade) $75
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) No class 5/30
CLCE 021 A 8115 M 4/4-6/6 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 4/7-6/9 7-9 p.m.

Health & Wellness

Safe Sitter-NEW
Learn the skills you need to babysit in our Safe Sitter course. Safe Sitter teaches young teens (11-14) everything they need to know to be safe when they’re home alone, watching younger siblings, or babysitting. You’ll learn child care essentials, behavior management, safety, injury management and child/infant CPR. DTV 201. $49, all materials are included.
Session One
   MTW  5/23-5/25  6-8 p.m.
Session Two
   Sa  6/18  8 a.m.-3 p.m.

Newspaper Seed Starter Pots
In this class you’ll learn to get plants off to a quick start with a special germination technique as well as create inexpensive seed starting pots using old newspaper. These seedling pots require no staples, glue or tape or origami skills. Recycle your old newspapers and get your sprouted seeds off to a good start in these pots that can be put into the ground with the young seedlings, minimizing root disturbance and providing mulch as the newspaper breaks down over time. (Amundson) $29
CLCE 026 A 8175 Sa 4/16 9 a.m.-12 p.m.

The Art of Aging Gracefully-NEW
Over the course of nine weeks, you’ll learn a different perspective of becoming or staying youthful as you experience more of life. We’ll take a look at the current social consciousness and myths surrounding aging and the ways one can promote wellness. Through hypnosis, self-hypnosis, guided imagery and mindful meditation, we’ll look to create a circle of wellness, including nutrition, personal relationships and more. Learn to shift your perceptions to sleep better, increase energy and improve your memory! DTV 201 (Grumbles) $59 No class 4/28
CLCE 028 A 8190 Th 4/7-6/2 6-8 p.m.

Equine Assisted Learning, “How to talk Horse”-NEW
This course is for anyone looking to become more powerful and self-directed, with a desire to connect with self, others and nature. With the help of horses, you’ll learn how to be more emotionally, mentally and physically aware, by discovering your strengths and conquering life’s challenges. Learn to discover new things about yourself and the natural world with the horse as your guide, develop new strategies for living and succeeding in your day to day life, and improve self-confidence, communication and interpersonal relationships. No horse experience is necessary. Class meets at Whispering Willow Ranch. $25 supply fee paid to instructor at the first class. (Mahon) $59
CLCE 027 A 8185 F 5/20-6/10 10 a.m.-12 p.m.

Aquatic Fitness
Did you know that exercising in water makes you feel up to 90 percent lighter, according to the American Council on Exercise? This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. 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 No class 5/30
CLCE 035 A 8225 MTTh 4/11-6/23 11:50 a.m.-12:45 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
Session One
   CLCE 030 A 8195 TTh 4/12-5/19 5:30-6:30 p.m.
Session Two
   CLCE 030 B 8196 TTh 5/24-6/30 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 with Judy Bain, 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. (Bain, Swanson) $49 No class 5/30
CLCE 036 D MW 4/18-6/8 7-7:50 a.m.
CLCE 036 E MW 4/18-6/8 8-8:50 a.m.
CLCE 036 F MW 4/18-6/8 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 No class 5/30
CLCE 032 B MW 4/18-6/8 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 No class 5/30
CLCE 033 B MW 4/18-6/8 11-11:50 a.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 No class 5/30

Session One
CLCE 034 A 8215 MW 4/11-5/18 5:30-6:30 p.m.

Session Two
CLCE 034 B 8220 MW 5/23-6/29 5:30-6:30 p.m.

Low Impact Aerobics
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) $14
CLCE 031 B Th 4/21-6/9 10:15-11:05 a.m.

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 on page 44 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, 360.442.2600
Business & Workforce Training, 360.442.2601
Community Education, 360.442.2840
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 Gatlin 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!

Register Online for Continuing Education Classes: lowercolumbia.edu/ce
Olympia Farmers Market-NEW
Join us for a day at the Olympia Farmers Market. Named the “Jewel of Olympia” the farmers market see close to 400,000 visitors every year. As an active part of the Olympia’s downtown community, visitors can enjoy locally grown produce, hand crafted items, baked good and more. From cheese and jams, to meat and fish, you just may want to bring a cooler on this day trip! (Staff) $30
CLCE 038 A 8550 Sa 5/14 9 a.m.-4 p.m.

Lan Su Chinese Gardens-NEW
Did you know that the Lan Su Chinese Gardens is one of Portland’s greatest treasures? The result of work between Portland and Suzhou, Portland’s sister city in China, the gardens were built by Chinese artisans and is the most authentic garden outside of China. Lan Su provides a look into Chinese culture, history, music and more. During your visit, take time to sit and relax in the Chinese Teahouse. Offering traditional Chinese tea and a selection of noodle bowls, steamed buns and mooncakes. You won’t want to miss this trip! (Staff) $30
CLCE 038 B 8555 Sa 6/18 9 a.m.-4 p.m.

Level One Microsoft Excel-NEW
Learn to use Excel to create and format spreadsheets in this new hands-on course. We’ll start with the basic functions including the Ribbon interface, entering and editing data, and printing worksheets. You’ll learn to create basic formulas and functions and format cell contents. Discover tips and tricks to increase your efficiency. Basic computer skills required. AAR 110C (Staff) $89
CLCE 009 A 8040 Th 5/5-5/12 8-11 a.m.

Level Two Microsoft Excel-NEW
Increase your Excel skills in this new hands-on course. We’ll discuss large worksheets and workbooks, tables and templates. Learn to insert clip art and pictures and much more. Beginning Excel class or skills required. AAR 110C (Staff) $89
CLCE 009 B 8045 Th 6/2-6/9 8-11 a.m.

Internet and More
Learn how to search the Web, use Facebook, 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 (Landucci) $39
CLCE 003 A 8010 T Th 5/24-6/9 4:30-6 p.m.

Travel & Outdoors

Olympia Farmers Market-NEW
Join us for a day at the Olympia Farmers Market. Named the “Jewel of Olympia” the farmers market see close to 400,000 visitors every year. As an active part of the Olympia’s downtown community, visitors can enjoy locally grown produce, hand crafted items, baked good and more. From cheese and jams, to meat and fish, you just may want to bring a cooler on this day trip! (Staff) $30
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Lan Su Chinese Gardens-NEW
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CLCE 038 B 8555 Sa 6/18 9 a.m.-4 p.m.

Computers & Technology

Level One Microsoft Excel-NEW
Learn to use Excel to create and format spreadsheets in this new hands-on course. We’ll start with the basic functions including the Ribbon interface, entering and editing data, and printing worksheets. You’ll learn to create basic formulas and functions and format cell contents. Discover tips and tricks to increase your efficiency. Basic computer skills required. AAR 110C (Staff) $89
CLCE 009 A 8040 Th 5/5-5/12 8-11 a.m.

Level Two Microsoft Excel-NEW
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CLCE 009 B 8045 Th 6/2-6/9 8-11 a.m.

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. Your instructor will lead your through with clear instruction and repetition, helping you to feel more confident. By the end of this class you’ll be ready to move on to Computer Basics 2 and ready to embrace the world of computers! AAR 110C (Landucci) $39
CLCE 001 A 8000 T Th 4/12-4/28 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 (Landucci) $39
CLCE 002 A 8005 T Th 5/3-5/19 4:30-6 p.m.

Internet and More
Learn how to search the Web, use Facebook, 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 (Landucci) $39
CLCE 003 A 8010 T Th 5/24-6/9 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.
Online Learning

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.

Medical Terminology: A Word Association Approach
Prepare for a career in the health services industry by learning medical terminology in a memorable and enjoyable fashion. Register at www.ed2go.com/lccbic $99

Medical Coding
Learn how to use the CPT manual and the ICD-10-CM to find medical codes for any disease, condition, treatment, or surgical procedure. Register at www.ed2go.com/lccbic $99

Explore a Career as an Administrative Medical Assistant
Explore the in-demand career of an administrative medical assistant (AMA) in a doctor’s office—from appointment scheduling and chart creation to medical billing and coding. Register at www.ed2go.com/lccbic $99

Medical Transcription
Learn how to transcribe the medical reports most often used in healthcare today, and discover how to get started and advance as a medical transcriptionist. Register at www.ed2go.com/lccbic $99

Explore a Career in Medical Writing
Take your first step toward a lucrative and rewarding career as a medical writer. Register at www.ed2go.com/lccbic $99

HIPPA Compliance
Discover how to comply with the duties, rights, and responsibilities of HIPAA, ARRA & HITECH. Register at www.ed2go.com/lccbic $99

Certificate in Legal and Ethical Issues in Healthcare
Explore the legal and ethical risks healthcare professionals face, including issues related to HIPPA rules, medication errors, social media and healthcare, organ donation, and workplace violence. (12 contact hours) Register at www.ed2go.com/lccbic $72

Medical Math
Master the math skills you need to succeed in the medical field. Register at www.ed2go.com/lccbic $99

Medical Spanish Series NEW!
Spanish for Medical Professionals 1 and 2 now offered as a series for a discounted price! Learn medical Spanish quickly and easily, honing your basic conversational skills and mastering key healthcare words and phrases. Learn more Spanish vocabulary as you move into the second course. Register for the series at www.ed2go.com/lccbic $174

Human Anatomy and Physiology I
Gain a greater appreciation and understanding of the marvelous complexity of the human body. Register at www.ed2go.com/lccbic $99. Or take the Human Physiology Series that includes Human Anatomy and Physiology I and II for $174!

Stress Management
Explore the physiological, social, and psychological impacts of stress and study modalities to get stress under control. Register at www.ed2go.com/lccbic $84

Lose Weight and Keep It Off
In this comprehensive course, you'll discover how to establish a healthy approach to weight loss and weight maintenance. You'll master how to set and achieve weight-loss and weight-maintenance goals that make sense for you. Register at www.ed2go.com/lccbic $99

Start Your Own Edible Garden
Grow delicious, nutritious fruit and vegetables in your own backyard! In this course, you'll learn how to give your garden a healthy start and keep it growing strong all season. Register at www.ed2go.com/lccbic $99

Luscious, Low-Fat, Lightning-Quick Meals
Join a registered dietitian and discover how easy it can be to prepare meals that are both delicious and nutritious! Register at www.ed2go.com/lccbic $99

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

Success and Aging Parents
Gain the essential information that you need to know as you care for an older adult. Learn how to prepare for changes in personal relationships when taking on caregiving roles. Improve your understanding of resources and the long-term care services and supports available. Come away with a developed confidence in techniques in assisting others with variety of needs. This course will also be useful for health program students and emerging professionals. Register at www.yougotclass.org/catalog.cfm/LCC $149
Workforce Training

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 careertraining.ed2go.com/lccbic $2,295

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

Certificate in Customer Service
Customer service is essential for all work organizations. Whether it relates to retaining customers, serving your audience, or turning inquiries from potential customers into sales, good customer service is one of the central factors in organizational success. Learn to improve your customer service skills to enhance your career skill set, improve productivity, and increase your organization’s success. Register at www.yougotclass.org/catalog.cfm/LCC $245

Visit our UGotClass Online Training catalog for a complete list of courses at www.yougotclass.org/catalog.cfm/LCC

Flagger Certification

For more information or to register, please contact Mary Harris at 360.442.2602 or mharris@lowercolumbia.edu. Call or email for a current schedule. Flagger Re-Certification also available.

Continuing Education for Caregivers
Caregivers are required to take 12 hours of Continuing Education per year. All courses are DSHS approved for caregiver continuing education. Family caregivers, nursing students, medical assistants, RNs, and LPNs may also take these courses. Please check with your sponsoring agency to determine the appropriate courses. For more information about caregiver training or a current schedule, please contact Mary Harris at 360.442.2602 or mharris@lowercolumbia.edu.

Nurse Delegation/Nurse Delegation Diabetes
A self-study training course for Nursing Assistants who will accept and perform tasks delegated by a Registered Nurse (RN). For more information, please contact Mary Harris at 360.442.2602 or mharris@lowercolumbia.edu.

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

4 hour HIV/AIDS Certification, register for:
SFTY 046 5600 $40.00

7 hour HIV/AIDS Certification, register for:
SFTY 045 5595 $65.00

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.

Lower Columbia College
Don Talley Building, Room 201
$95

Open Enrollment training dates list below:
Adult Training, Friday, April 22
8 a.m.-5 p.m.
Youth Training, Friday, May 20
8 a.m.-5 p.m.

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!
Building High Performance Teams
Teams are the force that drive most organizations. Whether it’s a functional team, a team of managers, or a project team, people get most done when they work together effectively. Does your organization want better quality, higher productivity, greater sensitivity to customers and improved profitability? People make these things happen. This series will provide team leaders and team members a solid foundation to build stronger and more efficient teams in the workplace.

Thursdays, 8 a.m. to 12 p.m.
May 19-June 23
Lower Columbia College
Heritage Room, Administration Building
$675
Additional registration from your organization, 50% off

Fundamentals of High Performance Teams
High performance teams are more than a group of people working together to accomplish a common task. Practice the fundamental skills for creating high performance teams. Gain an understanding of how teams differ from traditional work groups, learn good meeting management skills, and clarify team member roles and responsibilities.

Myers-Briggs in Team Building
Use Myers-Briggs and learning style concepts to encourage teams to think about individual preferences in communication styles for the purposes of enhanced innovation and collaboration. Discuss how managers and leaders can adopt a more flexible model of personality types to improve how their team members communicate with one another, which in turn will boost their team contributions at work.

Emotional Intelligence in the Workplace
Improve your own personal leadership by learning to manage your emotions and perform at your best when you are in high pressure situations. You will also gain critical skills that will enable you to help your team understand that the reality of the key moment cannot change, but that the interior response to it is a personal choice.

Motivation & Coaching
Explore ways to motivate yourself and your team with a very concrete but effective methodology. In this training, participants will learn about multiple theories, such as Maslow’s Hierarchy of Needs, Herzberg’s Motivation and Hygiene Factors, and how to practically apply them to the workplace.

Customer Centered Service
Successful organizations know that customer satisfaction is just the entry point in today’s highly competitive marketplace. This seminar consists of practical tools that can be implemented immediately in the workplace to help significantly and sustainably improve external and internal customer service.

High Performance Leadership
Go from control to empowerment through learning how to be an outstanding leader within your organization. The principles and practices in this training are based upon observation and research from the foremost authorities in the field of leadership.
**Student ID (if known)  DOB (mm/dd/yyyy)  Signature (required for enrollment)**

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**ENROLLMENT INFORMATION**

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Have you ever attended classes at LCC?

- [ ] Yes  - [ ] No  Last year attended __________________________

How did you hear about this class?

________________________________________________________

________________________________________________________

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

________________________________________________________

________________________________________________________

**Mail your completed form with payment to complete enrollment.**

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

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

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*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.*
Is Music Your Passion?

Whether you enjoy singing or coaxing mellow tones from a saxophone, you’ll find others who share that love at Lower Columbia College. Performing is at the heart of our music programs and LCC’s Wollenberg Auditorium at the Rose Center for the Arts is the premiere performance venue in Southwest Washington.

**Concert Choir**
The Concert Choir is a select group of student singers with an average of 20+ members. The ensemble performs one concert per quarter: a Holiday concert, a traditional concert and a Pops/Broadway concert. All members play a vital role in the ensemble and are given opportunities throughout the year to perform solos with the group.

**Show Choir**
The Show Choir is a select group student singers ranging in size from 8-15 members, performing primarily Broadway/Jazz style music with choreography. The ensemble performs one concert per quarter, and often joins the Jazz Band’s Winter concert.

**Opera Workshops**
These workshops give students the opportunity to be exposed to standard operatic repertoire both in duet/ensemble settings and solo aria performances. The class performs a concert every quarter, and every student in the class performs a minimum of one solo and one ensemble piece. Vocal technique, individual vocal development, stage presence, and language pronunciation are all emphasized in this course.

**Jazz Band**
Fast-paced and soulful compositions that spotlight the sounds of every instrument in this energetic band foster the musical talents of LCC performers while drawing appreciative applause at concerts and community events.

**Symphonic Band**
Gain large ensemble experience while performing with long-time musicians from the community and top young performers.

**Performances**
LCC choirs and bands perform in a concert at the end of each quarter to showcase their musical talents for friends, family and music patrons from the community. Additional opportunities exist throughout the year for campus performances, including caroling, recruiting tours, pops recitals, opera recitals and concert tours (such as the LCC Choir’s 2015 Carnegie Hall performance).

LCC music instructors are dedicated to helping students make the most of their talents.

Gina Challed
Vocal / Choral Music

Dr. Robert W. Davis
Instrumental Music

Gina brings a wealth of experience as a professional performer in a wide range of venues from opera to musical theatre; and as a teacher with her 18 years of teaching experience both privately and at the collegiate level. She earned her BM and MM in Vocal Music from Western New Mexico University and New Mexico State University respectively. Mrs. Challed has been fortunate enough to travel to England, Scotland, Italy, Germany, Canada, and New York City performing operatic roles and concerts.

Rob earned B.M. and M.M. degrees from Brigham Young University, and a D.M.A from the University of Southern California. A French horn player by specialty, he has performed in concert with a diverse array of artists and ensembles. Performance tours have taken Dr. Davis to Italy, Germany, Slovenia, Greece, England, Scotland, and Wales, and he has played on over 100 recording studio projects for films, television programs, advertisements, and video games.
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 Home and Family Life. 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. Priority Application deadline for Spring is February 22. Details 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. Monday–Thursday. Testing takes approximately 3 hours and is done on a drop-in basis; no appointment necessary. The cost is included in the $30 new student fee. 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.

■ 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.-4 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 at the email address below 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.
Bloom Where You’re Planted

Lower Columbia College has been changing lives in our community since 1934. We are:

Convenient - Our 39-acre campus is located in the heart of downtown Longview

Affordable - Tuition & fees are less than half the cost of the closest four year institution

Versatile - From high school diplomas to graduate degrees offered through our Regional University Center, there is something for nearly everyone

Flexible - With both classroom and online classes available, we can accommodate virtually any schedule

Dedicated - Our high quality faculty and staff have been nationally recognized for their commitment to student success

What can YOUR college do for you? Call, stop by, or visit us online today to find out.

lowercolumbia.edu