LOWER COLUMBIA COLLEGE

The Smart Choice!

SPRING 2015 CLASS SCHEDULE

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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.
Cashiering –
Monday–Thursday ........................................ 8:15 a.m.–4 p.m.
Fridays ....................................................... 10 a.m.–4 p.m.
(Closed 1-1:30 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 6–9 (Monday–Thursday)
Advising, Financial Aid, and Registration will stay open until
6 p.m. to serve you. Cashiering will stay open until 5:30 p.m.

Equal Opportunity, Affirmative Action,
and Reasonable Accommodation

Lower Columbia College provides equal opportunity in education and
employment and does not discriminate on the basis of race, color,
national origin, age, sex, gender identity or expression, marital
status, creed, or honorably discharged veteran or military
status, or use of a trained guide dog or service animal. Qualified
members of protected classes are encouraged to apply. The College is
also committed to maintain an environment for teaching and learning
which is free of drugs and alcohol.

Lea esta politica en espanol al: lowercolumbia.edu/affirmativeaction
The Title IX/EEO Coordinator is Kendra Sprague, Administration Building,
(360) 442-2120 & the Title IX/EEO Deputy Coordinator & Section 504
Compliance/ADA Officer is Dr. Lisa Matye Edwards, Admissions Center,
360.442.2301.
To request accommodations for a disability in the application process,
students should contact the Disability Support Services office in Admissions
Center Room 143 at least three days in advance: voice 360.442.2341,
TTY 360.442.2344, or email mmorgan@lowercolumbia.edu.
Alternative format of this document is available upon request. Please
contact Disability Support Services.

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

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Street, Longview, WA 98632-0310.
New Nursing Degree on the Way

Lower Columbia College is an “early adopter” of a new statewide Associate in Nursing DTA/MRP (Direct Transfer Agreement/Major Ready Pathway) degree. The purpose of the new degree is to create a more seamless and streamlined pathway to the Bachelor of Science in Nursing (BSN) degree. Students spend the first three years on the new Associate in Nursing DTA/MRP degree and transfer to a participating baccalaureate institution to complete the BSN in one additional year. Students admitted to a participating baccalaureate institution with the new degree will be conferred senior rather than junior status upon passage of the National Council Licensure Examination for Registered Nurses (NCLEX-RN), essentially shaving a year off the time needed to complete the BSN.

The statewide agreement includes Washington Community and Technical Colleges and the following baccalaureate institutions: University of Washington, Washington State University, Western Washington University, St. Martin’s University, Seattle Pacific, Western Governors University, Heritage University, and Pacific Lutheran.

The new agreement does not override admissions requirements in place for participating baccalaureate institutions, such as minimum GPA, and is intended to increase the number of BSN’s produced in the State of Washington. The move should help meet the increasing demand for BSN’s within the health care industry.

Credits required for the new degree pathway will increase to 135, up from 122 under LCC’s existing AAS-T. Highlights of changes from the current degree include:

- NUTR 101 will be required.
- Ten credits of humanities electives will be required. Students will need to meet the diversity (DIV) requirement through these humanities electives.
- Five credits of communications will be required in addition to the pre-requisite of ENGL 101. Eligible courses are ENGL 102, SPCH 110 and SPCH 114.
- SOC 101 will no longer be required.
- AH 104 and 114 will no longer be required.

Pre-requisites for the new degree include: BIOL 160, 241, 242, and 260; CHEM 121 or higher; MATH 210; ENGL 101; and PSYC 100 and 200.

The new requirements go into effect for fall 2015 applicants. Prospective nursing students should plan around the requirements of the new degree as the Associate in Nursing DTA/MRP will completely replace the existing AAS-T. Students admitted into the program before the new agreement goes into effect will fall under the requirements of the existing AAS-T degree.

The new agreement does not alter the basic Associate Degree Direct Transfer Agreement (DTA).

For more information about the new Associate in Nursing DTA/MRP, please contact Leszek Cromwell in the Transfer Center at lcromwell@lowercolumbia.edu or 360.442.2425.
HOW TO REGISTER

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

**Current Students**

Registration begins March 2, 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.

**Spring Dates and Deadlines**

Priority application deadline for Spring financial aid... Feb. 23
Priority registration for Spring begins .................... March 2
Spring Application for Admission Deadline ............ March 2
Open registration for Spring begins....................... March 9
Last day for Spring Administrative Hold ................. March 16
Spring tuition deferment due date ....................... March 31
First day of classes ........................................ April 6
Last day of online registration .......................... April 8
Last day for 100% tuition refund ......................... April 10
Last day for 50% tuition refund .......................... April 24
Last day to apply for Spring graduation .................. April 29
Memorial Day Holiday ...................................... May 25
Last day to withdraw from classes ....................... May 29
Summer Application for Admission Deadline ......... June 1
Last day of Spring classes ................................. June 12
Spring finals ............................................... June 16-18
Commencement ............................................. June 19

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.

**New Students**

Registration begins March 9 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**
   Make an appointment by contacting the Entry Center. 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** by 5 p.m. Friday of the week you register. 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.

**Not planning a degree or certificate?**

Register at Registration starting March 9. 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.

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

When a class is full, you may choose to be added to the waitlist. If openings occur through the third day of the quarter (April 8), 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
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 Friday of the week you register.

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
March 2-April 8.

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 graduated (or will) from a Washington state high school. Contact the Registrar at 360.442.2371.

## 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 $1.25 per credit facilities use fee and applicable lab fees.

### Miscellaneous Fees

- **Application:** All new students are charged a $30 combined assessment and application fee. After two years of non-attendance, this fee will be recharged.
- **Apprenticeship:** $53 per credit; $3.49 per clock hour.
- **Computer Lab:** A fee of $22.90 per class is charged for certain classes identified in the course listing.
- **Facilities Maintenance:** The chart includes a fee of $1.25 per credit, up to 18 credits (max. $22.50), for facilities maintenance and College security.
- **Fitness Center Upgrade:** The chart includes a fee of $2.50 per credit, up to 10 credits (max. $25), for fitness center upgrade.
- **GED Testing:** $120.00 for first time on all four. Re-testing: $30 per test.
- **High School Completion:** Courses taken to earn a high school diploma are $53.42 per credit for residents or $106.84 per credit for non-residents, plus a technology fee of $3.75 per credit. Students meeting high school requirements pay $2.50 per credit.
- **Lab:** Nonrefundable lab fees are collected for certain classes. Where applicable, this fee is shown with class listings in this schedule. Distance Education online courses require a Distance Ed fee of $6.00 per credit (max 10 credits) for each course. Distance Education Hybrid and Enhanced courses require a Distance Ed fee of $3.00 per credit (max 10 credits).
- **Resident Excess Credit:** Residents pay $96.26 per credit above 18 credits.
- **Technology:** The chart includes a technology fee of $3.75 per credit, up to 12 credits (max. $45). A photo ID card, which serves as your activities card, library card, and computer lab card, is issued as part of this fee. The ID card is NOT issued quarterly; it is valid as long as you are at LCC.
- **Transcript:** $10 fee for each official transcript.
- **Tuition Deferment:** Qualified students may purchase a tuition deferment for $35. While the fee is nonrefundable, $25 is applied toward tuition upon full payment.
- **Tutoring Center:** The chart includes a fee of $.50 per credit, up to 10 credits (max. $5), to support the Tutoring Center.
- **Vocational Excess Credit:** Vocational students taking over 18 credits who meet certain requirements pay only $7 per credit (residents); non-residents over 18 credits pay $28.

### 2014-2015 Tuition and Fee Schedule

<table>
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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 ‘7 Easy Steps to the FAFSA’ 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.

Need help paying for college?
Apply Now for 2015-16 LCC Scholarships

Application Dates:
Application Opens: February 2, 2015
Deadline to Apply: April 3, 2015
Awarding Begins: Mid-May, 2015

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

Delayed Tuition Payment Options
Need more time to pay your tuition? Here are three 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/costs-aid
Defer Your Tuition: Tuition is due the Friday after you register. You can defer your full tuition payment until December 30 by paying $25 of your tuition plus a $10 fee at the Cashier. Ask for a Tuition Deferment.
Waiting for your Financial Aid funds?
Apply for Financial Aid by the priority deadline (February 23 for Spring Quarter 2015). Students who meet the deadline are automatically held in classes until their financial aid is disbursed.
Students who miss the deadline, or who do not complete their file by the deadline, will need to pay their own tuition to stay enrolled.
The Lower Columbia Regional University Center, located in the Alan Thompson Library, provides convenient options for residents of Cowlitz County, and surrounding counties, to earn bachelor’s degrees without relocating or a lengthy commute. The goal of the center is to increase the number of adults with bachelor’s degrees in Cowlitz and Wahkiakum counties and the number of local professionals qualified to fill supervisory and management positions with area companies.

**Talk with a university advisor**
Whether you’re a current LCC student, a high school senior or a community college graduate, explore your options to earn a bachelor’s degree by talking with an advisor. To schedule an appointment, stop by the Center or call 360.353.7800.

Five highly-respected universities have partnered with LCC to provide bachelor’s and master’s degree programs. Advising staff and faculty are housed in the Center along with study areas and a high technology classroom designed to meet instructional needs, including WiFi access. The adjacent Learning Commons provides comprehensive library resources for students enrolled in the university partner programs.

**Welcome EWU’s Dr. Heidi Connole to the University Center**
Dr. Connole is Assistant Professor of Management and Director of College of Business and Public Administration Programs Longview for Eastern Washington University. She holds a PhD from Washington State University in Business Administration with an emphasis in Management. Previous positions have included Professor of Strategic Leadership at the U.S. Army War College in Carlisle, Pennsylvania, and implementation of the University of Idaho’s Executive MBA program. Her research has focused primarily on strategic leadership of organizations and most recently on sustainability issues including leadership among non-traditional populations.

**City University of Seattle**
- Bachelor of Arts in Elementary Education and Teacher Certification
- Bachelor of Science in Criminal Justice
- Bachelor of Science in Computer Systems
Advising: Daria Lall
darialall@cityu.edu, 360.449.6700

**Concordia University**
- Southwest Washington Bachelor of Science in Early Childhood Education
Advising: Charlotte May
cmay@cu-portland.edu
Email to schedule an appointment

**Eastern Washington University**
- Bachelor of Arts in Interdisciplinary Studies
- Bachelor of Science in Applied Technology
- Bachelor of Arts in Business Administration
Advising: Geonna Joy
gjoy2@ewu.edu, 360.442.7811

**Warner Pacific College**
- Bachelor of Science in Human Development
- Bachelor in Healthcare Administration
- Master of Science in Management and Organizational Leadership
Advising: Vanessa Brown
vbrown@adp.warnerpacific.edu, 503.517.1557

**Washington State University Vancouver**
- Bachelor of Science in Nursing
Advising: Natalie Brusseau
brusseau@vancouver.wsu.edu
Email to schedule an appointment
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 3.34 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 at a state public university. 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. LCC also has agreements with bachelor degree-granting colleges for students majoring in business, engineering, education, science and other fields.

Community college transfer students made up 40 percent of the 20,499 graduates earning a bachelor degree from Washington public universities in 2011.

They graduated 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 graduated in all subjects, including:

- 47% of all business majors
- 46% of all health field majors
- 35% of all STEM majors (science, technology, engineering, and math)

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

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

### 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.

<table>
<thead>
<tr>
<th>2014-15 Annual Tuition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Columbia College</td>
</tr>
<tr>
<td>Washington Public Universities</td>
</tr>
</tbody>
</table>
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 112  Word Processing II
- BTEC 148  Introduction to Outlook
- BTEC 260  Office Procedures
- BUS 104  Business Math Applications
- BUS 119  Business Communications
- BUS 144  Management Human Relations

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

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  Heavy Duty 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& 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

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
- MASP 111  Machine Shop I
- TECH 078  Pre-College Math I
- TECH 079  Pre-College Math I

NEW! Medical Assistant

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

- MEDA 120  Survey of Human A&P
- MEDA 145  Medical Lab Procedures
- MEDA 165  Meds in MEDA & Diseases
- BTEC 173  Computers in the Medical Office
- CS 110  Microcomputer Applications
- MATH 105  Mathematics for Health Sciences

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
WAR

Monday-Thursday 9:00 a.m.-12:30 p.m.
Instructors: David Benson, Don Correll & Michael Strayer

“War” examines the causes, conditions and consequences of human conflict from the disciplines of drama, political science and psychology. Students read novels, plays, essays and books about aggression, conflict and war; take part in small group activities; and participate in seminar discussions that integrate each week’s videos, readings and activities. The course culminates in retreat and dinner. We explore three major questions:

- Why do we make war?
- What is the experience of war like?
- What are the lasting effects of war on both individuals and nations?

Sign up for:

DRMA& 101, item 3355
Introduction to Theatre:IS, 5 credits

or

DRMA 108, item 3320
Introduction to Acting III, 5 credits

or

DRMA 208, item 3345
Acting III, 5 credits

and

POLS& 203, item 6780
International Relations, 5 credits

or

POLS& 250, item 6770
Selected Topics in Political Science, 5 credits

and

PSYC 204, item 6970
Applied Psychology, 5 credits

Past students say:

“...probably one of the most profound learning experiences of my life, in and out of the classroom... so intense... I recommend it to everyone!”

— Lily Miller

“...no ordinary class... Not only did I learn about war, but also about myself.”

— Huyen Troung
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.

### Using CANVAS?

Attend a free orientation or bootcamp.

If your class listing shows this symbol, you’ll be using an online learning management system: for CANVAS

#### Canvas Orientation

- **Tuesday, April 7**
  - 9-10 a.m.
  - 3:30-4:30 p.m.
- **Wednesday, April 8**
  - 10-11 a.m.
  - 5-6 p.m.
- **Thursday, April 9**
  - 11 a.m.-12 p.m.

#### Canvas Bootcamp

**Contact eLearning to register:**
- **360.442.2520** or
- **elearning@lowercolumbia.edu**

- **Thursday, April 2**
  - 10-11:30 a.m.

*Bootcamp is free.*

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### LCC ONLINE CLASSES — SPRING 2015

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 203</td>
<td>Principles of Accounting III</td>
</tr>
<tr>
<td>AH 104</td>
<td>Healthcare Foundations</td>
</tr>
<tr>
<td>AH 114</td>
<td>Healthcare Communication Skills</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 w/Lab</td>
</tr>
<tr>
<td>BIOL&amp; 241</td>
<td>Human A &amp; P 1 w/Lab</td>
</tr>
<tr>
<td>BIOL&amp; 242</td>
<td>Human A &amp; P 2 w/Lab</td>
</tr>
<tr>
<td>BIOL&amp; 260</td>
<td>Microbiology w/Lab</td>
</tr>
<tr>
<td>BTEC 181</td>
<td>Medical Terminology I</td>
</tr>
<tr>
<td>BTEC 192</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 159</td>
<td>Principles of Retailing</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>
</tr>
<tr>
<td>BUS&amp; 201</td>
<td>Business Law</td>
</tr>
<tr>
<td>CHEM&amp; 110</td>
<td>Chemical Concepts w/Lab</td>
</tr>
<tr>
<td>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>CS 252</td>
<td>Collect/Exam Digital Evidence</td>
</tr>
<tr>
<td>CS 299</td>
<td>Independent Study/Introduction to Linux</td>
</tr>
<tr>
<td>ECED 188</td>
<td>Group Care for Infants/Toddlers</td>
</tr>
<tr>
<td>ECED 209</td>
<td>ECED Mentor Development</td>
</tr>
<tr>
<td>ECED&amp; 134</td>
<td>Family Child Care</td>
</tr>
<tr>
<td>ECON 105</td>
<td>Introduction to Economics</td>
</tr>
<tr>
<td>EDUC 191</td>
<td>Introduction to Tutoring</td>
</tr>
<tr>
<td>EDUC 295</td>
<td>Emodality Instruction Canvas</td>
</tr>
<tr>
<td>EDUC&amp; 130</td>
<td>Guiding Behavior</td>
</tr>
<tr>
<td>ENGL 098</td>
<td>College-Ready English I</td>
</tr>
<tr>
<td>ENGL 099</td>
<td>College-Ready English II</td>
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<tr>
<td>ENGL 270</td>
<td>Literature for Children</td>
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<tr>
<td>ENGL&amp; 101</td>
<td>English Composition I</td>
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<tr>
<td>ENGL&amp; 102</td>
<td>Composition II</td>
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<td>ENGL 105</td>
<td>Earth Systems</td>
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<tr>
<td>ESL 070</td>
<td>Educational Interview-ESL</td>
</tr>
<tr>
<td>HIST&amp; 136</td>
<td>US History 1</td>
</tr>
<tr>
<td>HIST&amp; 137</td>
<td>UD History 2</td>
</tr>
<tr>
<td>HLTH 106</td>
<td>Health Today</td>
</tr>
<tr>
<td>ICP 289</td>
<td>Employment Portfolio Seminar</td>
</tr>
<tr>
<td>*MATH 088/089</td>
<td>Pre-College Math II</td>
</tr>
<tr>
<td>*MATH 088/099</td>
<td>Pre-College Math III</td>
</tr>
<tr>
<td>MATH 210</td>
<td>Elements of Statistics</td>
</tr>
<tr>
<td>MATH&amp; 107</td>
<td>Math in Society</td>
</tr>
<tr>
<td>MUSC 117</td>
<td>Music Cultures/World:DIV</td>
</tr>
<tr>
<td>NUTR&amp; 101</td>
<td>Nutrition</td>
</tr>
<tr>
<td>PHED 152</td>
<td>Personalized Fitness</td>
</tr>
<tr>
<td>PHED 252</td>
<td>Personalized Fitness</td>
</tr>
<tr>
<td>POLS&amp; 202</td>
<td>American Government</td>
</tr>
<tr>
<td>PSYC&amp; 100</td>
<td>General Psychology</td>
</tr>
<tr>
<td>PSYC&amp; 200</td>
<td>Lifespan Psychology</td>
</tr>
<tr>
<td>SOC&amp; 101</td>
<td>Introduction To Sociology:DIV</td>
</tr>
<tr>
<td>*SPAN&amp; 121</td>
<td>Spanish I:DIV</td>
</tr>
<tr>
<td>*SPAN&amp; 122</td>
<td>Spanish II:DIV</td>
</tr>
<tr>
<td>*SPAN&amp; 123</td>
<td>Spanish III:DIV</td>
</tr>
<tr>
<td>*SPAN&amp; 221</td>
<td>Spanish IV</td>
</tr>
<tr>
<td>*SPAN&amp; 222</td>
<td>Spanish V</td>
</tr>
<tr>
<td>*SPAN&amp; 223</td>
<td>Spanish VI</td>
</tr>
<tr>
<td>SPCH 110</td>
<td>Introduction to Public Speaking</td>
</tr>
</tbody>
</table>

*These courses do not use Canvas*
Start Next Quarter

See If You Qualify for Special Funding for College

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

Start Next Quarter

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

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

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

Worker Retraining

360.442.2334

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, FINAL EXAMS

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

ANTH 109  American Cultural Diversity
ANTH 106  Cultural Anthropology
ART 100  Art Appreciation
ART 206  Arts of the Americas
ART 207  Arts of the World
ART 208  Arts of the Northwest
ART 228  History of Western Art
ASL & 123  American Sign Language III:DIV
BUS 144  Management of Human Relations
CHIN & 121  Chinese I
CHIN & 122  Chinese II
CHIN & 123  Chinese III
EDUC & 205  Intro to Education w/Field Experience
ENGL 140  Intro to Women Writers
ENGL 246  Rainbow Readers: LGBTQ Literature
ENGL 280  Multicultural Literature
ENVS 150  Environment and Society
HIST & 126  World Civilization I
HIST & 127  World Civilization II
HIST & 128  World Civilization III
HIST 205  History of East Asia
HIST & 215  Women in U.S. History
HUM 164  Cultural Journeys
HUM 210  Myths and Rites
MUSIC 117  Music Cultures of the World
MUSIC 119  American Music
MUSIC 209  The Blues Culture
SOC & 101  Introduction to Sociology (Includes WAOL's SOC & 101)
SOCC 225  Race and Ethnicity
SPAN & 121  Spanish I
SPAN & 122  Spanish II
SPAN & 123  Spanish III
SPCH 109  Intercultural Communication
SPCH 209  Rhetorical Criticism and Popular Culture

Spring 2015 Final Exam Schedule (June 16-18)

Use this chart to determine your final exam time. Schedules are online at lowercolumbia.edu/classes/final-exams.aspx

<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 - 8:20 a.m.</td>
<td>M, MWF, MW, W, Daily</td>
<td>8:00 - 10:00 a.m.</td>
<td>June 18</td>
</tr>
<tr>
<td>7:00 - 8:20 a.m.</td>
<td>MTWTh, MTWF, MWThF, TTh</td>
<td>8:00 - 10:00 a.m.</td>
<td>June 16</td>
</tr>
<tr>
<td>9:00 - 9:50 a.m.</td>
<td>TTh, MTWTh</td>
<td>8:00 - 10:00 a.m.</td>
<td>June 17</td>
</tr>
<tr>
<td>9:00 - 9:50 a.m.</td>
<td>MWF, MW, Daily</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>June 18</td>
</tr>
<tr>
<td>9:55 - 10:50 a.m.</td>
<td>MW, MW, Daily</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>June 16</td>
</tr>
<tr>
<td>11:00 - 11:55 a.m.</td>
<td>MWThF, TTh, MTWTh</td>
<td>10:10 a.m. - 12:10 p.m.</td>
<td>June 17</td>
</tr>
<tr>
<td>11:00 - 11:55 a.m.</td>
<td>MW, MW, Daily</td>
<td>12:20 - 2:20 p.m.</td>
<td>June 18</td>
</tr>
<tr>
<td>12:00 - 12:55 p.m.</td>
<td>MW, Daily, MWThF</td>
<td>12:20 - 2:20 p.m.</td>
<td>June 16</td>
</tr>
<tr>
<td>1:00 - 2:00 p.m.</td>
<td>MWF, MW, W, MTWTh, Daily, MTWF</td>
<td>12:20 - 2:20 p.m.</td>
<td>June 17</td>
</tr>
<tr>
<td>1:00 - 2:30 p.m.</td>
<td>TTh, Th, T</td>
<td>2:30 - 4:30 p.m.</td>
<td>June 18</td>
</tr>
<tr>
<td>2:40 - 4:00 p.m.</td>
<td>MW, MW, M, W</td>
<td>2:30 - 4:30 p.m.</td>
<td>June 16</td>
</tr>
<tr>
<td>2:40 - 4:00 p.m.</td>
<td>T, TTh</td>
<td>2:30 - 4:30 p.m.</td>
<td>June 17</td>
</tr>
</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 not required to take final exams for more than two classes on a single day. If such a conflict arises, students are to contact their instructor to discuss alternative options. If no solution is determined after the initial meeting with the instructor, students may then petition the appropriate division dean. Arrangements must be made by the end of the 8th week of instruction. For assistance please contact the Office of Instruction by calling 360.442.2550. Exam priorities shall be based on class meeting day order first, then meeting time.

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

For any classes that conflict with other final exams please talk to your instructor for more information.
CLASS LISTINGS

These initials or symbols on the course listing mean:

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.
\ = Course uses the CANVAS learning management system. All courses with this symbol have a fee. All DE sections have a fee of $6.00 per credit, maximum of $60.00. All other \ sections have a fee of $3.00 per credit, maximum of $30.00. Boot Camps and Orientation information is on page 12.

Buying Your Books

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

• Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early. 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 9.

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 6th and 7th.

Spring Book Buyback

June 15, 12:43 p.m.
June 16-18, 8:30 a.m.-4:30 p.m.
June 19, 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
\ 1820 A 5 TTh 1:20p.m.-3:20p.m. AAR 103 STANLEY J

ACCT 150 PAYROLL ACCOUNTING AND TAX REPORTING
1825 A 5 DAILY 8:00a.m.-8:50a.m. AAR 103 RUA D
No computer lab fee.

ACCT& 202 PRINCIPLES OF ACCOUNTING II
1845 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; partly online.

ACCT& 203 PRINCIPLES OF ACCOUNTING III
1850 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; partly online.

American Sign Language

ASL& 123 AM SIGN LANGUAGE III:DIV
2170 A 5 MW 9:00a.m.-11:00a.m. LIB 130 JACOBS H
<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred.</th>
<th># Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
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<tr>
<td>ANTH 109</td>
<td>AM CULTURAL DIVERSITY:DIV</td>
<td>6975</td>
<td>5</td>
<td>T</td>
<td>TTh</td>
<td>9:00a.m.-11:00a.m.</td>
<td>MAN 235</td>
<td>SHAW D</td>
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<td>ANTH &amp; 205</td>
<td>BIOLOGICAL ANTHROPOLOGY</td>
<td>1990</td>
<td>5</td>
<td>MWF</td>
<td>11:10a.m.-12:35p.m.</td>
<td>MAN 234</td>
<td>SHAW D</td>
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<td>ART 100</td>
<td>ART APPRECIATION:DIV</td>
<td>2150</td>
<td>5</td>
<td>T</td>
<td>1:20p.m.-3:20p.m.</td>
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<td>COOPER R</td>
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<td>ART 101</td>
<td>BEGINNING DRAWING</td>
<td>1995</td>
<td>3</td>
<td>MW</td>
<td>10:00a.m.-12:50p.m.</td>
<td>MAN 109</td>
<td>NEELY D</td>
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<td>1997</td>
<td>3</td>
<td>MW</td>
<td>10:00a.m.-12:50p.m.</td>
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<td>2010</td>
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<td>MW</td>
<td>10:00a.m.-12:50p.m.</td>
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<td>BASIC DESIGN</td>
<td>2020</td>
<td>5</td>
<td>TTh</td>
<td>10:00a.m.-12:00p.m.</td>
<td>MAN 109</td>
<td>KOHLMEIER M</td>
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<td>BASIC DESIGN I</td>
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<td>5</td>
<td>TTh</td>
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<td>MAN 109</td>
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<td>BEGINNING PAINTING-ACRYLICS</td>
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<td>3</td>
<td>TTh</td>
<td>9:00a.m.-12:00p.m.</td>
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<td>ART 112</td>
<td>INTERMEDIATE PAINTING-ACRYLICS</td>
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<td>TTh</td>
<td>9:00a.m.-12:00p.m.</td>
<td>MAN 103</td>
<td>COOPER R</td>
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<td>ART 113</td>
<td>ADVANCED PAINTING-ACRYLICS</td>
<td>2045</td>
<td>3</td>
<td>TTh</td>
<td>9:00a.m.-12:00p.m.</td>
<td>MAN 103</td>
<td>COOPER R</td>
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<tr>
<td>ART 155</td>
<td>BEGINNING DIGITAL PHOTO</td>
<td>2055</td>
<td>5</td>
<td>TTh</td>
<td>12:00p.m.-3:30p.m.</td>
<td>MAN 118</td>
<td>VANDERMATEN J</td>
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<tr>
<td>ART 157</td>
<td>INTERMEDIATE DIGITAL PHOTO</td>
<td>2056</td>
<td>5</td>
<td>TTh</td>
<td>3:30p.m.-6:00p.m.</td>
<td>MAN 118</td>
<td>VANDERMATEN J</td>
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<tr>
<td>ART 162</td>
<td>PHOTOSHOP FOR WEB &amp; PRINT</td>
<td>2070</td>
<td>3</td>
<td>MW</td>
<td>1:00p.m.-2:40p.m.</td>
<td>MAN 118</td>
<td>NEELY D</td>
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### EVENING CLASSES

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred.</th>
<th># Days</th>
<th>Time</th>
<th>Place</th>
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<tr>
<td>ART 228</td>
<td>HISTORY OF WESTERN ART:DIV</td>
<td>2080</td>
<td>DE</td>
<td>5</td>
<td>ARR</td>
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<td>ARR</td>
<td>FREY T</td>
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<td></td>
<td>Online class.</td>
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<td>ART 241</td>
<td>BEGINNING CERAMIC ART</td>
<td>2085</td>
<td>A</td>
<td>3</td>
<td>MW</td>
<td>1:00p.m.-3:50p.m.</td>
<td>MAN 104</td>
<td>WOODS T</td>
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<td>Lab Fee: $19.90</td>
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<td>ART 290</td>
<td>ART STUDIO LAB-CERAMICS</td>
<td>2125</td>
<td>MM1</td>
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<td>Instructor permission required to enroll. Lab Fee: $27.00</td>
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<td>ART 295</td>
<td>ART LAB-PHOTOGRAPHY</td>
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<td>MM1</td>
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<td>Instructor permission required to enroll. Lab Fee: $34.30</td>
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<td>PHOTOSHOP INDEPENDENT STUDIES</td>
<td>2135</td>
<td>MM1</td>
<td>1-3</td>
<td>ARR</td>
<td>ARR</td>
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<td>INDEPENDENT STUDY-ART</td>
<td>2140</td>
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<td>1-3</td>
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<td>Instructor permission required to enroll. Lab Fee: $19.00</td>
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</table>

Basic computer skills required. Computer lab fee will be charged.
Automotive Technology

There is a fee of $11.40 per student per quarter for all AMTC classes.

**AMTC 104** VEHICLE CLIMATE CONTROL
- 1955 A 6 MTWTh 1:00p.m.-4:30p.m.  DTV 233  ROESKE G

**AMTC 121** GAS ENGINES I
- 1960 A 5 MTWTh 7:30a.m.-12:00p.m.  DTV 232  KILE C
  Start Date: 04/06/15 End Date: 04/23/15

**AMTC 122** GAS ENGINES II
- 1965 A 1-10 MTWTh 7:30a.m.-12:00p.m.  DTV 232  KILE C
  Start Date: 04/27/15 End Date: 06/15/15

**AMTC 202** COMPUTER ENGINE CONTROLS
- 1970 A 10 MTWTh 7:30a.m.-12:00p.m.  DTV 233  ROESKE G
  Prerequisite: AMTC 101, 102, and 201, or instructor permission.

**AMTC 299** INDEPENDENT STUDY
- 1985 MM1-5 ARR  ARR  DTV 108  ROESKE G
  Instructor permission required to enroll.

### Biology

#### BIOL 100 SURVEY OF BIOLOGY
- 2200 A 5 MW 9:00a.m.-10:15a.m.  HSB 105  MYERS L
  Students must also enroll for one of the lab sections, BIOL 100 LA or LB.
  Lab Fee: $19.00

#### BIOL 100 SURVEY OF BIOLOGY—LAB
- 2205 LA 0 MW 1:10p.m.-3:00p.m.  HSB 304  MYERS L
- 2210 LB 0 MW 11:10a.m.-1:00p.m.  HSB 304  MYERS L

#### BIOL 160 GENERAL BIOLOGY
- 2215 A 5 TTh 9:00a.m.-11:00a.m.  HSB 123  MYERS L
  Students must also enroll in one of the lab sections, BIOL 160 LA, LB, or LC.
  Lab Fee: $10.20. Students will not be allowed to enroll in the DE lab sections.
- 2220 DE 5 ARR  ARR  MYERS L
  Online class. Students must also enroll in one of the lab sections, BIOL 160 DE or DEB. Students must purchase the online lab software called Late Night Labs. The cost is $50.

#### BIOL 160 GENERAL BIOLOGY—LAB
- 2230 LA 0 F 9:00a.m.-10:50a.m.  HSB 304  MYERS L
- 2225 LB 0 Th 11:10a.m.-1:00p.m.  HSB 304  MYERS L
- 2240 LC 0 F 11:10a.m.-1:00p.m.  HSB 304  KEPLER C
- 2222 DEA 0 AAR  AAR  MYERS L
  Online class.
- 2224 DEB 0 AAR  AAR  MYERS L
  Online class.

#### BIOL 213 MAJORS BIOLOGY PLANT
- 2250 A 5 TTh 1:20p.m.-2:35p.m.  HSB 105  LAPIERRE L
  Lab included. Lab Fee: $13.20
- 2250 A 5 TTh 2:50p.m.-4:40p.m.  HSB 304  LAPIERRE L

#### BIOL 241 HUMAN ANATOMY AND PHYSIOLOGY 1 WITH LAB
- 2260 DE 6 ARR  ARR  MEYERS R
  Online class.
  Lab included. No textbook is required for this course. A subscription to ADAM Interactive is required. Discounted cost is $30/quarter.

#### BIOL 242 HUMAN ANATOMY AND PHYSIOLOGY 2
- 2265 A 6 MWF 1:30p.m.-2:40p.m.  HSB 101  MEYERS R
  Prerequisite: BIOL 241 with a C- or better, or instructor permission. Students must also enroll for one of the lab sections, BIOL 242 LA, LB, or LC. No textbook is required for this course.
  Lab Fee: $13.10

#### BIOL 242 HUMAN ANATOMY AND PHYSIOLOGY 2—LAB
- 2275 LA 0 Th 9:00a.m.-11:50a.m.  HSB 302  DAILEY V
- 2280 LB 0 F 9:00a.m.-11:50a.m.  HSB 302  DAILEY V
- 2285 LC 0 Th 1:00p.m.-3:50p.m.  HSB 302  DAILEY V

#### BIOL 242 HUMAN ANATOMY AND PHYSIOLOGY 2 WITH LAB
- 2270 DE 6 ARR  ARR  MEYERS R
  Prerequisite: BIOL 241 or instructor permission.
  Online class.
  Lab included. BIOL 242 must also enroll in one of these lab sections: BIOL 242 DE LA or DEB. No textbook is required for this course. A subscription to ADAM Interactive is required. Discounted cost is $30/quarter.

#### BIOL 260 MICROBIOLOGY
- 2290 A 5 MW 1:20p.m.-2:35p.m.  HSB 123  FULLER K
  Prerequisite: BIOL 160 or BIOL 211 with a grade of C or better or instructor permission. Students must enroll in one of these lab sections: BIOL 260 LA or LB. Students will not be allowed to enroll in the DE lab sections.
  Lab Fee: $23.80
- 2295 DE 5 ARR  ARR  FULLER K
  Students must also enroll in one of these lab sections: BIOL 260 DE LA or DEB.

#### BIOL 260 MICROBIOLOGY—LAB
- 2300 LA 0 TTh 8:00a.m.-9:50a.m.  HSB 304  FULLER K
- 2305 LB 0 TTh 10:00a.m.-11:50a.m.  HSB 304  FULLER K
- 2315 DEA 0 ARR  ARR  FULLER K
  Online class.
- 2317 DEB 0 ARR  ARR  FULLER K
  Online class.

#### EVENING CLASSES

#### BIOL 109 ENERGY AND LIFE
- 2175 N 5 MW 5:15p.m.-8:30p.m.  HSB 304  SKREEN J
  Lab included. Lab Fee: $19.00

#### BIOL 160 GENERAL BIOLOGY W/LAB
- 2245 N 5 W 5:15p.m.-7:30p.m.  HSB 304  FULLER K
  Lab included. Lab Fee: $10.20
  Hybrid class; partly online.

#### Blueprint Reading

#### EVENING CLASSES

#### BLPT 160 BLUEPRINT READING FOR WELDERS
- 2320 N 5 MW 5:00p.m.-7:30p.m.  VOC 153  BYRUM R
Business Administration

BUS 101 INTRODUCTION TO BUSINESS
2530 A 5 T 9:00a.m.-11:00a.m. AAR 103 CUMMINGS D
Hybrid class; partly online.

BUS 104 BUSINESS MATH APPLICATIONS
2510 A 5 MW 11:10a.m.-12:40p.m. AAR 104 CUMMINGS D
Hybrid class; partly online.

BUS 119 BUSINESS COMMUNICATIONS
2520 A 5 Th 1:20p.m.-3:20p.m. AAR 106 STAFF
Hybrid class; partly online.

BUS 150 CUSTOMER SERVICE/MANAGEMENT
2555 DE 5 ARR ARR ALLWINE T
Online class.

BUS 159 PRINCIPLES OF RETAILING
2560 DE 5 ARR ARR DICKINSON G
Online class.

BUS 201 BUSINESS LAW
2650 DE 5 ARR ARR QUIRK A
Online class.

BUS 206 STATISTICAL METHODS
2565 A 5 DAILY 8:00a.m.-9:50a.m. AAR 106 SWEE R
2560 B 5 MW 1:20p.m.-3:20p.m. HSB 106 DRAUS D
2570 DE 5 ARR ARR LUCAS J
Online homework and electronic textbook provided by Pearson Education. Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

BUS 245 PRINCIPLES OF MANAGEMENT
2590 DE 5 ARR ARR ALKAZIN SE
Online class.

BUS 259 STARTING/MANAGING A SMALL BUSINESS
2595 A 5 T 9:00a.m.-11:00a.m. LIB 130 ALLWINE T
Hybrid class; partly online.

BUS 270 INTRODUCTION TO PROJECT MANAGEMENT
2610 A 5 T 11:10a.m.-1:10p.m. LIB 130 ALLWINE T
Hybrid class; partly online.

BUS 294 CAREER SUCCESS
2625 A 2 T 9:00a.m.-9:50a.m. AAR 102 HOMME S
Hybrid class; partly online.

BUS 144 MANAGEMENT HUMAN RELATIONS:DIV
2545 N 5 T 5:15p.m.-7:15p.m. VOC 111 BELL T
Hybrid class; partly online.

BUS 206 STATISTICAL METHODS
2585 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 CALHOO B
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

BUS 144 MANAGEMENT HUMAN RELATIONS:DIV
2545 N 5 T 5:15p.m.-7:15p.m. VOC 111 BELL T
Hybrid class; partly online.

BUS 294 CAREER SUCCESS
2625 A 2 T 9:00a.m.-9:50a.m. AAR 102 HOMME S
Hybrid class; partly online.

BUS 206 STATISTICAL METHODS
2585 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 CALHOO B
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

BUS 294 CAREER SUCCESS
2625 A 2 T 9:00a.m.-9:50a.m. AAR 102 HOMME S
Hybrid class; partly online.

BUS 144 MANAGEMENT HUMAN RELATIONS:DIV
2545 N 5 T 5:15p.m.-7:15p.m. VOC 111 BELL T
Hybrid class; partly online.

BUS 294 CAREER SUCCESS
2625 A 2 T 9:00a.m.-9:50a.m. AAR 102 HOMME S
Hybrid class; partly online.

BUS 206 STATISTICAL METHODS
2585 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 CALHOO B
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

BUS 294 CAREER SUCCESS
2625 A 2 T 9:00a.m.-9:50a.m. AAR 102 HOMME S
Hybrid class; partly online.

BUS 206 STATISTICAL METHODS
2585 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 CALHOO B
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

BUS 294 CAREER SUCCESS
2625 A 2 T 9:00a.m.-9:50a.m. AAR 102 HOMME S
Hybrid class; partly online.

BUS 206 STATISTICAL METHODS
2585 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 CALHOO B
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

BUS 294 CAREER SUCCESS
2625 A 2 T 9:00a.m.-9:50a.m. AAR 102 HOMME S
Hybrid class; partly online.
Hybrid class; partly online.

BTEC 155

BTEC 149

BTEC 147

BTEC 146

BTEC 145

There is no computer lab fee for this class.

BTEC 144

This course is graded on a Pass/Fail basis only.

BTEC 130

Students must have photo ID to use the computer labs. Unless otherwise noted, a computer lab fee is charged for BTEC classes.

BTEC 105

Orientation in AAR 109, Lab 5. Please allow one hour for this orientation.

BTEC Lab Hours: Monday-Friday 9 a.m.-2 p.m., Tuesday until 6 p.m.

Testing Times: Monday-Friday 8 a.m.-3:45 p.m., Tuesday until 7 p.m.

Lab Fee: $13.20

Please note: Students will be dropped from the class roster if they have not attended a class-specific orientation within five days of the beginning of the quarter. If you have any questions, please contact the lab at 360.442.2710.

Hybrid class: partly online.

Business Technology Lab

Any new BTEC students enrolled in arranged BTEC classes (shown as “ARR”) must attend a general orientation on Monday, April 6, at 9 a.m., 11 a.m., or 1 p.m., in AAR 109, Lab 5. All (new and returning) BTEC students must also attend class-specific orientations. Schedules will be posted in AAR 109, Lab 5 on Monday, April 6.

Please note: Students will be dropped from the class roster if they have not attended a class-specific orientation within five days of the beginning of the quarter. If you have any questions, please contact the lab at 360.442.2710.

BTEC 100

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

This course is graded on a Pass/Fail basis only.

BTEC 130

There is no computer lab fee for this class.

BTEC 144

Prerequisite: CDS 101, 102, and 113, all with a grade of C or better.

BTEC 145

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

BTEC 146

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

BTEC 147

Prerequisite: CDS 101, 102, 113, and 215 with a C or better.

BTEC 149

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

BTEC 150

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

BTEC 155

Hybrid class: partly online.

Chemical Dependency

EVENING CLASSES

CDS 101

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

CDS 107

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

CDS 110

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

CDS 201

Prerequisite: CDS 101, 102, 113, and 215 with a C or better.

CDS 220

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

Chemistry

CHEM 110 CHEMICAL CONCEPTS W/LAB

CHEM& 112 INTRODUCTION TO CHEMISTRY

CHEM& 113 INTRODUCTION TO CHEMISTRY

CHEM& 114 INTRODUCTION TO CHEMISTRY

CHEM 121 DE includes a lab component which you must complete by using the CK-0271-00-01 LabPak. Cost is $200. Forming lab teams to share cost is encouraged. Purchase details are on Canvas page. Course text cost is $64.90 from Amazon.com. Total cost approx. $264.90. Online class.
CHEM–CS

Hybrid class; partly online.

Online class.

CHEM 100 PREPARATORY CHEMISTRY  
Item# Sec. # Cred. # Days Time Place Instructor
2720 N 5 TTh 6:00p.m.-8:00p.m. HSB 123 GERICK J

**EVENING CLASSES**

Chemical and Physical Sciences

CHEM 121 INTRODUCTION TO CHEMISTRY—LAB  
Item# Sec. # Cred. # Days Time Place Instructor
2745 LA 0 Th 9:00a.m.-11:50a.m. HSB 332 KEPLER C
2750 LB 0 Th 1:20p.m.-4:10p.m. HSB 332 KEPLER C

CHEM 131 INTRODUCTION TO ORGANIC/BIOCHEMISTRY  
Item# Sec. # Cred. # Days Time Place Instructor
2755 A 5 MWF 11:10a.m.-12:10p.m. HSB 105 WOLFER A
2757 T 2:45p.m.-6:35p.m. HSB 329 WOLFER A

Lab included. Lab Fee: $23.80

Students must also enroll for one of the lab sections, CHEM 163 LA or LB.

CHEM 163 GENERAL CHEMISTRY III  
Item# Sec. # Cred. # Days Time Place Instructor
2760 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.

CHEM 231 QUANTITATIVE ANALYSIS  
Item# Sec. # Cred. # Days Time Place Instructor
2700 A 5 ARR ARR HSB 329 HERBELIN A

Lab included. Contact the instructor aherbelin@lowercolumbia.edu for class information.

CHEM 263 ORGANIC CHEMISTRY W/LAB III  
Item# Sec. # Cred. # Days Time Place Instructor
2775 A 5 MWF 9:00a.m.-10:50a.m. HSB 104 HERBELIN A

Students must also enroll for one of the lab sections, CHEM 263 LA or LB.

CHEM 263 ORGANIC CHEMISTRY W/LAB III—LAB  
Item# Sec. # Cred. # Days Time Place Instructor
2780 LA 0 MW 2:20p.m.-4:10p.m. HSB 329 HERBELIN A
2785 LB 0 TTh 9:00a.m.-10:50a.m. HSB 329 HERBELIN A

Chinese

CHIN 123 CHINESE III—DIV  
Item# Sec. # Cred. # Days Time Place Instructor
2790 A 5 MWF 1:20p.m.-2:45p.m. AAR 103 ZOU Y

**College Success**

COLL 101 FIRST YEAR SEMINAR I  
Item# Sec. # Cred. # Days Time Place Instructor
3095 A 2 MW 12:10p.m.-1:00p.m. AAR 102 NORWOOD K
3096 B 2 MW 9:00a.m.-9:50a.m. VOC 111 SUEK J
3097 D 2 MW 10:00a.m.-10:50a.m. AAR 106 RISTER M
3103 DE 2 ARR ARR MYERS L

Online class.

3098 E 2 TTh 11:10a.m.-12:00p.m. MAN 203 RISTER M
3099 F 2 MW 1:00p.m.-1:50p.m. HSB 105 STETZER M
3101 G 2 TTh 2:20p.m.-3:10p.m. DTV 214 JACOBS H
3102 HB 2 W 2:20p.m.-3:10p.m. VOC 111 QUIRK A

Hybrid class; partly online.

COLL 102 FIRST YEAR SEMINAR II  
Item# Sec. # Cred. # Days Time Place Instructor
3112 A 2 MW 9:00a.m.-9:50a.m. MAN 147 NORWOOD K
3116 B 2 TTh 11:10a.m.-12:00p.m. MAN 205 JACOBS H
3117 C 2 MW 1:00p.m.-1:50p.m. MAN 205 CONNOLLY B

**EVENING CLASSES**

COLL 101 FIRST YEAR SEMINAR I  
Item# Sec. # Cred. # Days Time Place Instructor
3104 N 2 M 6:00p.m.-6:50p.m. MAN 203 NORWOOD K

Hybrid class; partly online.

Computer Science

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

CS 100 INTRODUCTION TO INFORMATION SYSTEMS  
Item# Sec. # Cred. # Days Time Place Instructor
3105 A 5 Th 1:20p.m.-2:20p.m. HSB 107 HOMME S

Students must log into class prior to first Thursday.

Hybrid class; partly online.

CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS  
Item# Sec. # Cred. # Days Time Place Instructor
3115 A 3 MWF 9:00a.m.-9:50a.m. AAR 105 HOMME S
3120 B 3 MWF 10:00a.m.-10:50a.m. AAR 110C HOMME S
3125 C 3 TTh 11:10a.m.-12:25p.m. AAR 110C ROSI D
3130 DE 3 ARR ARR ROSI D

There is no computer lab fee for this class.

Online class.

CS 111 INTRODUCTION TO WINDOWS  
Item# Sec. # Cred. # Days Time Place Instructor
3140 A 4 MW 1:20p.m.-3:20p.m. HSB 107 DERKAULT D

CS 121 INTRODUCTION TO SPREADSHEETS  
Item# Sec. # Cred. # Days Time Place Instructor
3145 A 5 MWF 9:00a.m.-10:25a.m. AAR 109E LEMMONS N

Prerequisites: BTEC 104 or CS 110, Math 089 or BUS 104, or instructor permission.

CS 122 ADVANCED SPREADSHEET APPLICATIONS  
Item# Sec. # Cred. # Days Time Place Instructor
3153 A 5 MWF 11:10a.m.-12:35p.m. AAR 109E LEMMONS N

CS 130 INTRODUCTION DATABASE APPLICATIONS  
Item# Sec. # Cred. # Days Time Place Instructor
3155 A 5 TTh 9:00a.m.-10:30a.m. AAR 109E LEMMONS N

Hybrid class; partly online.

Prerequisite: CS 121 with a grade of C or better, or instructor permission.

CS 143 CONFIGURING WINDOWS OPERATING SYSTEMS  
Item# Sec. # Cred. # Days Time Place Instructor
3165 A 5 Th 1:20p.m.-3:20p.m. VOC 119 JUNEMAN D

Hybrid class; partly online.

CS 170 PROGRAMMING FUNDAMENTALS  
Item# Sec. # Cred. # Days Time Place Instructor
3170 A 5 MWF 11:10a.m.-12:50p.m. AAR 109 E DERKAULT D

Prerequisite: MATH 089 with a grade of C or better and knowledge of Windows or instructor permission.
ACCT 288 1830  CJ 288  2805  ICP 288  5245
ACCT 289 1835  AH 288  1945  DHT 288  3275  LIBR 289  5535
AH 289 1950  AMTC 288  1975  ECED 288  3405  MASP 288  5645
AMTC 289 1980  ECED 288  3410  MASP 289  5650
ART 288  2115  EDUC 288  3495  MATH 288  5995
ART 289  2120  EDUC 289  3500  MATH 289  6000
BUS 288  2615  ENGR 288  3855  MEDA 288  6120
BUS 289  2620  ENGR 289  3860  MEDA 289  6125
BTEC 288  2490  ENVS 288  3895  MUSC 288  6295
BTEC 289  2495  ENVS 289  3900  MUSC 289  6300
CDS 288  2685  FISC 288  4750  PSYC 288  6785
CDS 289  2690  FISC 289  4755  PSYC 289  6790
CHEM 288  2705  HLTH 288  4945  SPCH 288  7145
CHEM 289  2710  HLTH 289  4950  SPCH 289  7150
CS 288  3205  HDEV 288  4855  WELD 288  7490
CS 289  3210  HDEV 289  4860  WELD 289  7495

Course # Course Name

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 more 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 19, 2015. Orientations will be held in the Career Center, located in the Admissions Building, room 120.

Cooperative Education 288 students must also 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 noon until 1 p.m. in the Main Building (MAN), Room 149. A $13.70 lab fee will be charged for all 288 classes.
**Drafting**

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

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRFT 107</td>
<td>TECHNICAL GRAPHICS</td>
</tr>
<tr>
<td>3290 N</td>
<td>1-3 TTh 6:00p.m.-8:15p.m.</td>
</tr>
<tr>
<td></td>
<td>VOC 113 ROGERS K</td>
</tr>
<tr>
<td>DRFT 151</td>
<td>INTRODUCTION TO CAD</td>
</tr>
<tr>
<td>3295 N</td>
<td>1-3 TTh 6:00p.m.-8:15p.m.</td>
</tr>
<tr>
<td></td>
<td>VOC 113 ROGERS K</td>
</tr>
<tr>
<td></td>
<td>Four hours lab time per week to be arranged with the instructor.</td>
</tr>
<tr>
<td>DRFT 210</td>
<td>ADVANCED TECHNICAL GRAPHICS</td>
</tr>
<tr>
<td>3300 N</td>
<td>1-3 TTh 6:00p.m.-8:15p.m.</td>
</tr>
<tr>
<td></td>
<td>VOC 113 ROGERS K</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: DRFT 107 or permission of instructor.</td>
</tr>
<tr>
<td>DRFT 252</td>
<td>3D COMPUTER AIDED DRAFT</td>
</tr>
<tr>
<td>3305 N</td>
<td>1-3 TTh 6:00p.m.-8:15p.m.</td>
</tr>
<tr>
<td></td>
<td>VOC 113 ROGERS K</td>
</tr>
<tr>
<td>DRFT 260</td>
<td>SURVEY OF CIVIL AND ARCHITECTURAL GRAPHICS</td>
</tr>
<tr>
<td>3310 N</td>
<td>3 TTh 6:00p.m.-8:15p.m.</td>
</tr>
<tr>
<td></td>
<td>VOC 113 ROGERS K</td>
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</tbody>
</table>

**Drama**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>DRMA 101</td>
<td>INTRODUCTION TO THEATRE</td>
</tr>
<tr>
<td>3321 A</td>
<td>5 MWF 11:10a.m.-12:35p.m.</td>
</tr>
<tr>
<td></td>
<td>RCA 139 BOYER-COCHRAN</td>
</tr>
<tr>
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<td>Item# Sec. # Cred. # Days Time Place Instructor</td>
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</tr>
<tr>
<td>DRMA 108</td>
<td>INTRODUCTION TO ACTING III</td>
</tr>
<tr>
<td>3354 A</td>
<td>5 TTh 1:00p.m.-3:30p.m.</td>
</tr>
<tr>
<td></td>
<td>RCA 139 BOYER-COCHRAN</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>DRMA 116</td>
<td>STAGE CRAFTS I</td>
</tr>
<tr>
<td>3325 A</td>
<td>5 MWF 1:20p.m.-2:45p.m.</td>
</tr>
<tr>
<td></td>
<td>RCA 148 COCHRAN R</td>
</tr>
<tr>
<td>DRMA 117</td>
<td>STAGE CRAFTS II</td>
</tr>
<tr>
<td>3330 A</td>
<td>5 MWF 1:20p.m.-2:45p.m.</td>
</tr>
<tr>
<td></td>
<td>RCA 148 COCHRAN R</td>
</tr>
<tr>
<td>DRMA 118</td>
<td>STAGE CRAFTS III</td>
</tr>
<tr>
<td>3335 A</td>
<td>5 MWF 1:20p.m.-2:45p.m.</td>
</tr>
<tr>
<td></td>
<td>RCA 148 COCHRAN R</td>
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<tr>
<td>DRMA 208</td>
<td>ACTING III:IS</td>
</tr>
<tr>
<td>3345 IS</td>
<td>5 MTWTh 9:00a.m.-12:30p.m.</td>
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<tr>
<td></td>
<td>MAN 119 CORRELL D</td>
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</tr>
</tbody>
</table>

**Early Childhood Education**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item# Sec. # Cred. # Days Time Place Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECED 100</td>
<td>CHILD CARE BASICS</td>
<td>3415 A 3 Sa 9:00a.m.-2:00p.m. SCI 108 AKINS-FIELDS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Class meets on April 11, 18 and May 2. Hybrid class; partly online.</td>
</tr>
<tr>
<td>ECED 120</td>
<td>PRACTICUM-NURTURING RELATIONSHIPS</td>
<td>3425 A 2 Th 2:00p.m.-2:50p.m. SCI 108 AKINS-FIELDS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hybrid class; partly online.</td>
</tr>
<tr>
<td>ECED 180</td>
<td>LANGUAGE AND LITERACY DEVELOPMENT</td>
<td>3440 A 3 W 4:00p.m.-7:00p.m. SCI 108 WILLIAMSON A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Instructor permission required to enroll. Hybrid class; partly online.</td>
</tr>
<tr>
<td>ECED 170</td>
<td>ENVIRONMENTS YOUNG CHILD</td>
<td>3365 A 3 T 4:30p.m.-6:30p.m. SCI 108 ZBAEREN J</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hybrid class; partly online.</td>
</tr>
<tr>
<td>ECED 188</td>
<td>GROUP CARE FOR INFANTS/TODDLERS</td>
<td>3375 DE 3 ARR ARR BOURSAW S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Online class.</td>
</tr>
<tr>
<td>ECED 190</td>
<td>OBSERVATION/ASSESSMENT</td>
<td>3450 A 3 Th 12:00p.m.-1:40p.m. SCI 108 AKINS-FIELDS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Instructor permission required to enroll. Hybrid class; partly online.</td>
</tr>
<tr>
<td>ECED 209</td>
<td>ECED MENTOR DEVELOPMENT</td>
<td>3380 DE 1 ARR ARR ZBAEREN J</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Online class.</td>
</tr>
<tr>
<td>ECED 219</td>
<td>MATH, SCIENCE AND COMPUTERS IN ECED</td>
<td>3385 A 3 M 4:00p.m.-6:30p.m. SCI 108 WILLIAMSON A</td>
</tr>
<tr>
<td></td>
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<tr>
<td>ECED 263</td>
<td>PRACTICUM VI/PROFESSIONALISM</td>
<td>3395 A 3 W 2:00p.m.-3:00p.m. SCI 108 WILLIAMSON A</td>
</tr>
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</tbody>
</table>

**Evening Classes**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECED 138</td>
<td>RESPONSIVE LEARNING ENVIRONMENTS</td>
</tr>
<tr>
<td></td>
<td>Class meets on Thursday, April 09, 16, 23, 30, and May 7.</td>
</tr>
</tbody>
</table>

**Host an International Student!**

If you have a spare room and an open heart, you can provide a home away from home for an international student in our community. As a host, you’ll provide room & board and friendship for a student studying at LCC. You’ll learn about different cultures while sharing a slice of your American life. Host families come in all shapes and sizes and receive a monthly stipend. For more information, visit lowercolumbia.edu/international or email international@lowercolumbia.edu
Course # Course Name
Item# Sec. # Cred. # Days Time Place Instructor

Earth Science

ERSI 105  EARTH SYSTEMS  NS
3905 DE  5  ARR  ARR  BARD E
Online class.
3910 DE1 5  ARR  ARR  BARD E
Online class.

Economics

ECON 105  INTRODUCTION TO ECONOMICS  SS
3460 A  5  MTWTh  11:10a.m.-12:00p.m.  MAN 146  FRANZ J
3465 DE  5  ARR  ARR  FRANZ J
Online class.

ECON& 201 MICRO ECONOMICS  SS
3470 A  5  TTh  9:00a.m.-10:25a.m.  MAN 147  FRANZ J
Hybrid class; partly online.

EVENING CLASSES
ECON 202 MACRO ECONOMICS  SS
3475 A  5  T  5:30p.m.-7:30p.m.  MAN 233  FRANZ J
Hybrid class; partly online.

Education

EDUC 115  CHILD DEVELOPMENT
3510 A  5  Th  8:30a.m.-11:00a.m.  SCI 108  ZBAEREN J
Hybrid class; partly online.

EDUC 150  CHILD/FAMILY/COMMUNITY
3525 A  3  M  11:00a.m.-1:30p.m.  SCI 108  ZBAEREN J
Hybrid class; partly online.

EDUC 191  INTRODUCTION TO TUTORING
3485 DE  1  ARR  ARR  WILLIAMSON A
Instructor permission required to enroll.
Online class.

EDUC 205  INTRODUCTION TO EDUCATION W/FIELD EXPERIENCE:DIV
3535 A  5  MW  9:00a.m.-10:30a.m.  SCI 108  WILLIAMSON A
This class includes participation in actual elementary classrooms in addition to class meeting times.

EVENING CLASSES
EDUC 214  INSTRUCTIONAL STRATEGIES
3490 N  3  Th  3:45p.m.-6:15p.m.  SCI 108  JOHNSON A

Engineering

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

ENGR 106  ENGINEERING PROBLEMS
3845 A  3  MF  1:20p.m.-3:50p.m.  HSB 332  GERICK J

ENGR& 121  ENGINEERING GRAPHICS I
3865 A  1-3 MW  2:00p.m.-4:15p.m.  VOC 113  MORIZON D

ENGR& 122  ENGINEERING GRAPHICS II
3870 A  1-3 MW  2:00p.m.-4:15p.m.  VOC 113  MORIZON D
Prerequisite: ENGR& 121 or instructor permission.

ENGR& 123  ENGINEERING GRAPHICS III
3875 A  1-3 MW  2:00p.m.-4:15p.m.  VOC 113  MORIZON D
Prerequisite: ENGR& 122 or instructor permission.

ENGR& 225  MECHANICS OF MATERIALS
3885 A  5  MWF  7:30a.m.-8:55a.m.  HSB 135  MORIZON D

EVENING CLASSES
ENGR 204  ELECTRICAL CIRCUITS
3877 N  6  TTh  5:15p.m.-9:15p.m.  AAR 105  DERKACHT D
Prerequisites: PHYS 252, MATH& 153 and computer literacy.

English

ENGL 096  READING WORKSHOP I
3560 MM  2  ARR  ARR  LEACH M

ENGL 097  READING WORKSHOP II
3570 MM  2  ARR  ARR  LEACH M

ENGL 098  COLLEGE READY ENGLISH I
3575 A  5  DAILY  8:00a.m.-8:50a.m.  AAR 102  CONNOLLY B
3580 C  5  TTh  1:00p.m.-3:00p.m.  AAR 110C  ONODY L
3585 D  5  DAILY  10:00a.m.-10:50a.m.  PSC 102  ONODY L
3590 DE  5  ARR  ARR  LEMIERE A
Online class.
3595 E  5  DAILY  10:00a.m.-10:50a.m.  DTV 215  CONNOLLY B
3605 G  5  DAILY  11:10a.m.-12:00p.m.  PSC 102  ONODY L
3610 H  5  MWF  1:20p.m.-2:45p.m.  MAN 147  RISTER M

ENGL 099  COLLEGE READY ENGLISH II
3625 A  5  DAILY  8:00a.m.-8:50a.m.  AAR 102  CONNOLLY B
3630 C  5  TTh  1:00p.m.-3:00p.m.  AAR 110C  ONODY L
3635 D  5  DAILY  10:00a.m.-10:50a.m.  PSC 102  ONODY L
3640 DE  5  ARR  ARR  LEMIERE A
Online class.
3645 E  5  DAILY  10:00a.m.-10:50a.m.  DTV 215  CONNOLLY B
3655 G  5  DAILY  11:10a.m.-12:00p.m.  PSC 102  ONODY L
3660 H  5  MWF  1:20p.m.-2:45p.m.  MAN 147  RISTER M
CONCERTS

Winter 2015
February 26: Opera Gala
March 6: Symphonic Band
March 10: Jazz Night
March 13: Choir Concert

Spring 2015
May 28: Opera Gala
June 5: Symphonic Band
June 9: Jazz Night
June 12: Choir Concert

Performances start at 7:30 p.m. in the Wollenberg Auditorium
Tickets & Info: lowercolumbia.edu/aande

GALLERY

Winter 2015
Alex Peyton-Levine, Tom Relth
February 18 – March 12
Reception: February 17, 4-6 p.m.

Spring 2015
Art Faculty Show
April 8 – April 30
Reception: April 7, 4-6 p.m.

Student Art Show
May 27 – June 4
Reception: May 26, 4-6 p.m.

lowercolumbia.edu/gallery

THEATRE

Book of Days
by Lanford Wilson
Set in a small town dominated by a cheese plant, a fundamentalist church, and a community theater, Book of Days is a fascinating, gasp-worthy murder mystery.
Feb. 25-28; March 5-7; 12-14

Egad, The Woman in White
by Tim Kelly
A wild, knockabout melodrama to boo and hiss at.
May 27-30; June 4-6; 11-13
Performances start at 7:30 p.m. in the Center Stage Theatre
Tickets & Info: lowercolumbia.edu/aande
Auditions for Egad, The Woman in White are April 6-7, 6-9 p.m., and are open to all college and community members

The LCC Foundation extends special thanks to our 2013-14 Platinum and Gold Angels for their support of Student Success:

Paul & Marlene Laufman; Chairman, Building Healthy Futures Campaign
Laboratory Science Institute
David and Jennifer Houten
Weyerhaeuser Foundation Giving Fund
Vernon and Karen Pickett
Fibre Federal Credit Union
Chet and Birgita Makinster
Anderson & Anderson Advisory, LLC
JH Kelly, LLC
LeBlanc Wealth Advisors, Inc.
The Legacy Group

The LCC Student Success Fund assists students who are most at risk for abandoning their higher education goals due to financial hardship. For more information on donating to the Student Success Fund, please contact the LCC Foundation at 360.442.2130.

Find Us on the Web!
Catch up on news & highlights, see photos, and check out coming events. Now you can even donate online.
lowercolumbia.edu/foundation
facebook.com/LCCFoundation
In 2005, the Associated Students of Lower Columbia College (ASLCC) made a bold move: impose a student fee to raise funds for a Fitness Center/gymnasium upgrade. Funds soon began accumulating thanks to the self-imposed fee and matching funds from the State of Washington. With additional financial support from LCC, the project began in earnest in 2012.

The new facility has several new features. In addition to the gymnasium, first floor highlights include a climbing wall, strength-training equipment, and a juice/shake bar that will offer protein shakes and smoothies. Second floor features include a dance studio and two classrooms that can be used for “box seat” court viewing. Second floor highlights also include a cardio mezzanine containing treadmills, elliptical machines and spinning bikes. LCC’s baseball field is also visible from the second floor.

The second floor of the Fitness Center will also eventually contain offices for LCC Athletics staff, but not just yet. Space is available and will be converted into offices when funding becomes available.

Water bottle refill stations are a prominent feature throughout the renovated building. The stations are a convenience for athletes, Fitness Center users and visitors to the facility, in addition to supporting the ASLCC initiative to eliminate the presence of single-use plastic water bottles on campus.

The Fitness Center can be used by LCC students and staff.
ENGL 101  ENGLISH COMPOSITION I  
3745 A 5  DAILY 8:00a.m.-8:50a.m.  DTV 215  ROOSE J
3750 B 5  DAILY 9:00a.m.-9:50a.m.  DTV 215  ROOSE J
3755 C 5  MWF 9:00a.m.-10:25a.m.  MAN 203  MOIR D
3760 D 5  T 9:00a.m.-11:00a.m.  AAR 103  MOIR D
Hybrid class; partly online.
3765 DE 5  ARR  ARR  DE1 5  ARR  FRANCKIEWICZ E
Online class.
3770 DE1 A 5  ARR  ARR  DE1 5  ARR  DAWKINS W
Online class.
3775 F 5  MWF 11:10a.m.-12:35p.m.  LIB 130  MOIR D
3780 G 5  MWF 1:20p.m.-2:45p.m.  DTV 214  STOWELL B
3785 H 5  TTh 1:20p.m.-3:20p.m.  AAR 110C  STOWELL B
Online class.
3790 I 5  MWF 9:00a.m.-11:00a.m.  AAR 104  HULL K
3800 B 5  TTh 9:00a.m.-11:00a.m.  AAR 123  BAUER H
3805 C 5  MWF 10:00a.m.-12:00p.m.  MAN 147  DIGERLANDO N
3810 DE 5  ARR  ARR  DE1 5  ARR  MCCARTHY D
Online class.
3815 DE1 A 5  ARR  ARR  DE1 5  ARR  MCCARTHY D
Online class.
3820 F 5  MWF 1:20p.m.-2:30p.m.  MAN 207  HULL K
3825 G 5  TTh 1:20p.m.-2:30p.m.  AAR 124  BAUER H
3830 H 5  MWF 1:20p.m.-2:45p.m.  ARR 105  LEMIERE A
Hybrid class; partly online.
3833 I 5  MWF 9:00a.m.-10:25a.m.  ARR 105  LEMIERE A
ENGL 102  COMPOSITION II  
3795 A 5  MW 9:00a.m.-11:00a.m.  AAR 104  HULL K
3800 B 5  TTh 9:00a.m.-11:00a.m.  AAR 123  BAUER H
3805 C 5  MWF 10:00a.m.-12:00p.m.  MAN 147  DIGERLANDO N
3810 DE 5  ARR  ARR  DE1 5  ARR  MCCARTHY D
Online class.
3815 DE1 A 5  ARR  ARR  DE1 5  ARR  MCCARTHY D
Online class.
3820 F 5  MW 1:20p.m.-3:20p.m.  MAN 207  HULL K
3825 G 5  TTh 1:20p.m.-2:30p.m.  AAR 124  BAUER H
3830 H 5  MWF 1:20p.m.-2:45p.m.  ARR 105  LEMIERE A
3833 I 5  MWF 9:00a.m.-10:25a.m.  ARR 105  LEMIERE A
ENGL 110  INDUSTRIAL COMMUNICATION  
3675 A 5  MW 1:20p.m.-2:30p.m.  MAN 145  DIGERLANDO N
3680 B 5  TTh 1:20p.m.-3:20p.m.  MAN 125  DIGERLANDO N
ENGL 126  ARTS MAGAZINE PUBLICATION III  
3690 A 2  F 1:00p.m.-3:00p.m.  MAN 148  BAUER H
Students must arrange one additional hour lab time per week.
ENGL 226  ARTS MAGAZINE PUBLICATION VI  
3710 A 2  F 1:00p.m.-3:00p.m.  MAN 148  BAUER H
Students must arrange one additional hour lab time per week.
ENGL 231  CREATIVE WRITING  
3720 A 5  TTh 1:20p.m.-3:20p.m.  MAN 205  HULL K
ENGL 232  CREATIVE WRITING  
3725 A 5  TTh 1:20p.m.-3:20p.m.  MAN 205  HULL K
ENGL 233  CREATIVE WRITING  
3730 A 5  TTh 1:20p.m.-3:20p.m.  MAN 205  HULL K
ENGL 244  AMERICAN LITERATURE I  
3840 A 5  MWF 9:00a.m.-10:25a.m.  MAN 233  BAUER H
ENGL 246  RAINBOW READERS: LGBTQ LITERATURE  
3735 A 5  TTh 9:00a.m.-11:00a.m.  VOC 111  DIGERLANDO N
ENGL 270  LITERATURE FOR CHILDREN  
3740 DE 5  ARR  ARR  MCCARTHY D
Online class.

Evening Classes

ENGL 102  COMPOSITION II  
3835 N 5  Th 5:15p.m.-7:20p.m.  MAN 125  ROOSE J
Hybrid class; partly online.

Hygiene

ENVS 215  ENVIRONMENTAL ISSUES & APPLICATIONS  
2180 A 5  MW 1:20p.m.-2:35p.m.  HSB 135  LAPIERRE L
5:20p.m.-6:05p.m.  HSB 135  LAPIERRE L
Lab Fee: $11.00

Fire Science

FISC 206  HAZARDOUS MATERIALS  
4735 A 1  T 1:30p.m.-4:00p.m.  DTV 202  MACK B
A state certification, IFSAC, will be offered at the end of the class.
Call 360.442.2871 for more information.

FISC 220  WILDLAND FIREFIGHTER II  
4740 A 1  Sa 8:30a.m.-4:00p.m.  OC  FISHER R
Class meets at Cowlitz 2 Fire and Rescue, 701 Vine St, Kelso, WA. Class will meet
Friday, April 17 from 5-10 p.m.; Saturday, April 18 from 8 a.m.-5 p.m.; and Sunday,
April 19 from 8 a.m.-5 p.m. Call 360.442.2871 for more information.

FISC 255  FIRE FIGHTING TACTICS  
4745 A 3  W 1:30p.m.-4:00p.m.  DTV 202  MACK B

GEOL 118  HISTORICAL GEOLOGY  
4760 A 5  MWF 11:10a.m.-12:00p.m.  HSB 139  CORDERO D
TTh 12:00p.m.-1:50p.m.  HSB 139  CORDERO D
Lab included. Lab Fee: $13.20
Health

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

**HLTH 100 OCCUPATIONAL SAFETY AND HEALTH**
- 4905 B 3 Sa 8:00a.m.-5:00p.m. DTV 202 JOHNSON B
- Classes will be held on April 11th, 18th, May 2nd, and 9th, 2015.
- 4915 D 3 MW 11:10a.m.-12:25p.m. DTV 202 JOHNSON B

The 1st Aid/CPR session is scheduled for Saturday, April 18 from 8 a.m. to 5 p.m. in DTV 202.

**HLTH 105 FIRST AID/CPR/BLOOD BORNE PATHOGENS**
- 4935 A 1 F 1:00p.m.-2:50p.m. DTV 202 JOHNSON B

**HLTH 106 HEALTH TODAY**
- 4940 DE 2 ARR ARR

Online class.

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.

**HSC 075 INTRODUCTION TO DRAMA** 5095
**HSC 076 FAMILY LIFE** 5100
**HSC 079 MATH CONCEPTS-GEOMETRY** 5110
**HSC 080 MATH CONCEPTS-ALGEBRA** 5115
**HSC 081 CULMINATING PROJECT** 5120
**HSC 083 CAREER PLANNING** 5125
**HSC 085 HEALTH** 5130
**HSC 086 INTRODUCTION TO LITERATURE** 5135
**HSC 087 INTRODUCTION TO POETRY** 5140
**HSC 088 INTRODUCTION TO WRITING** 5145
**HSC 089 ENGLISH ESSENTIALS** 5150
**HSC 090 NATURAL HAZARDS** 5155
**HSC 091 ENVIRONMENTAL SCIENCE** 5160
**HSC 092 US GOVERNMENT** 5165
**HSC 093 US HISTORY I** 5170
**HSC 094 US HISTORY II** 5175
**HSC 095 WASHINGTON STATE HISTORY** 5180
**HSC 096 CONTEMPORARY WORLD PROBLEMS** 5185
**HSC 097 PERSONAL FINANCE** 5190

History

**HIST & 128 WORLD CIV III DIV**
- 4870 A 5 MWF 11:10a.m.-12:35p.m. MAN 145 SHAH C

**HIST & 136 US HISTORY 1**
- 4875 A 5 MW 8:00a.m.-10:00a.m. MAN 145 AUSTIN K
- 4880 DE 5 ARR ARR

Online class.

**HIST & 137 US HISTORY 2**
- 4885 A 5 MWF 1:20p.m.-2:45p.m. MAN 234 SHAH C
- 4890 B 5 TTh 8:00a.m.-10:00a.m. MAN 145 AUSTIN K
- 4895 DE 5 ARR ARR

Online class.

Human Development

**HDEV 080 TRANSITIONS**
- 4785 POP 2 TWTh 8:40a.m.-11:00a.m. HS SWIER K

**HDEV 101 CAREER PLANNING**
- 4790 A 2 TTh 1:20p.m.-2:10p.m. MAN 149 HOUGE J
- 4792 B 1-2 TTh ARR

Mandatory workshops throughout the quarter. Start date: 05/18/15

**HDEV 118 LEADERSHIP AND STUDENT GOVERNMENT**
- 4805 A 1-3 T 11:10a.m.-1:10p.m. STC AHMADIFARD R
- 4815 A 1-3 T 11:10a.m.-12:00p.m. STC AHMADIFARD R

**HDEV 120 INDIVIDUAL & GROUP RELATIONS**
- 4815 B 1-2 ARR ARR

For class information, contact instructor at amcnabb@lowercolumbia.edu

**HDEV 125 ASSERTIVENESS TRAINING**
- 4820 A 2 F 11:10a.m.-12:50p.m. AAR 104 MCNABB A

**HDEV 128 TRANSFER PLANNING**
- 4835 A 1 W 2:00p.m.-3:00p.m. RCA 218 WALKER N

**HDEV 150 PSYCHOLOGY OF HUMOR**
- 4840 A 1-3 MW 1:20p.m.-3:20p.m. MAN 119 MCNABB A

**HDEV 165 LEADERSHIP EXPLORATION**
- 4837 A 2 T 10:00a.m.-12:00p.m. RCA 220 SUEK J

**HDEV 218 LEADERSHIP AND STUDENT GOVERNMENT**
- 4845 A 1-3 T 11:10a.m.-1:10p.m. STC AHMADIFARD R
- 4850 A 1-3 T 11:10a.m.-12:00p.m. STC AHMADIFARD R

**HDEV 299 INDEPENDENT STUDY**
- 4865 A 1-10 ARR ARR

**EVENING CLASSES**

**HDEV 115 STRESS MANAGEMENT**
- 4795 N 2 F 12:00p.m.-1:40p.m. MAN 203 HEDGLIN P
### Humanities

**HUM 106**  COMMUNITY CONVERSATIONS  
5215 A  1  Th  12:00p.m.-12:50p.m.  RCA 123  SHAH C  
Topic - Turning Points in Science.

**HUM & 118**  HUMANITIES III  
5235 A  5  MWF  1:00p.m.-2:45p.m.  LIB 130  LEACH M  

**HUM 210**  MYTH AND RITES:DIV  
5230 A  5  Th  1:20p.m.-3:20p.m.  MAN 145  LEACH M  

#### EVENING CLASSES

**HUM 107**  HOW TO SEE A PLAY  
5220 N  1  Th  7:30p.m.-10:30p.m.  RCA 131  CORRELL D  
LCC Center Stage performance. Students must contact the instructor by May 22, 2015 by e-mail at dcorrell@lowercolumbia.edu Class meets face-to-face one evening, Thursday, May 28, 2015.

### 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  
5260 A  1-10 ARR  ARR  STAFF

### Machine Trades

There is a fee of $11.40 per student per quarter for all MASP classes.

**MASP 107**  MACHINING FOR RELATED OCCUPATIONS  
5545 N  2  W  6:00p.m.-9:00p.m.  VOC 114  WAGNER J  

**MASP 111**  MACHINE SHOP I  
5560 A  2  W  6:00p.m.-9:00p.m.  VOC 114  WAGNER J  

**MASP 112**  MACHINE SHOP II  
5570 N  2  W  6:00p.m.-9:00p.m.  VOC 114  WAGNER J  
Prerequisite: 10 credits of MASP 107 and/or MASP 111.

**MASP 113**  MACHINE SHOP III  
5580 N  2  W  6:00p.m.-9:00p.m.  VOC 114  WAGNER J  
Prerequisite: 10 credits of MASP 112.

**MASP 114**  MACHINE SHOP IV  
5590 N  2  W  6:00p.m.-9:00p.m.  VOC 114  WAGNER J  
Prerequisite: 10 credits of MASP 113.

### Manufacturing

**MFG 120**  QUALITY ASSURANCE  
6130 A  4  TTh  3:30p.m.-5:10p.m.  VOC 112  JOINER T  
Computer lab fee will be charged.

**MFG 230**  CIM  
6135 A  4  TTh  1:00p.m.-3:30p.m.  VOC 113  TODD K
Mathematics (See also: Math Achievement Center)

Math classes at LCC are offered in three different formats to meet a variety of student needs:
- Standard math classes, where a lecture is presented and homework assigned.
- Online classes.
- Math Achievement Center classes, where students work on their own with the assistance of tutors and an instructor. See the next page.

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

Online homework and electronic textbook for all MATH 078/079, 088/089, 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

**MATH 050 REVIEW MATH-WHOLE NUMBERS**

- 5665 A 1 DAILY 10:00a.m.-10:50a.m. RCA 139 BABBICK L
- Start Date: 04/06/15 End Date: 05/01/15

**MATH 078 PRE-COLLEGE MATH I**

- 5666 A 3 DAILY 10:00a.m.-10:50a.m. RCA 139 BABBICK L
- Start Date: 05/01/15 End Date: 06/12/15

**MATH 078/079 PRE-COLLEGE MATH I — 5 Credits**

- 5680 and 5681 B DAILY 8:00a.m.-8:50a.m. RCA 139 BABBICK L
- 5685 and 5686 C DAILY 9:00a.m.-9:50a.m. PSC 102 STETZER J
- 5695 and 5696 E DAILY 9:00a.m.-9:50a.m. RCA 139 BABBICK L
- 5705 and 5706 G DAILY 11:10a.m.-12:00p.m. AAR 102 STETZER J

**MATH 079/088 PRE-COLLEGE MATH III — 5 Credits**

- 5750 and 5751 H DAILY 9:00a.m.-9:50a.m. HSB 107 SKEIE T

**MATH 088/089 PRE-COLLEGE MATH II — 5 Credits**

- 5775 and 5776 I DAILY 8:00a.m.-8:50a.m. MAN 146 SKEIE T
- 5780 and 5781 J DAILY 9:00a.m.-9:50a.m. MAN 146 CALHOON B
- 5790 and 5791 L DAILY 11:10a.m.-12:00p.m. AAR 106 SKEIE T
- 5800 and 5801 O MW 1:20p.m.-2:45p.m. MAN 146 RHODE C

- 5765 and 5766 DE DAILY ARR BENJAMIN B

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 089/098 PRE-COLLEGE MATH II/III — 5 Credits**

- 5850 and 5851 R DAILY 10:00a.m.-10:50a.m. MAN 125 SKEIE M

### College-Level Math

**MATH 098/099 PRE-COLLEGE MATH III — 5 Credits**

- 5875 and 5876 S DAILY 8:00a.m.-8:50a.m. LIB 130 SKEIE M
- 5880 and 5881 T MW 9:00a.m.-10:25a.m. VOC 112 MORRISON D
- 5885 and 5886 U MWF 1:20p.m.-2:45p.m. AAR 102 HEBERT M
- 5890 and 5891 V MWF 11:10a.m.-12:35p.m. PSC 104 HEBERT M

**MATH 0855 and 0856 DE DAILY ARR MARTIN P**

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.

### EVENING CLASSES

**MATH 098/099 PRE-COLLEGE MATH III — 5 Credits**

- 5860 and 5861 N TTh 5:15p.m.-7:20p.m. MAN 145 DAMARIO L

**College-Level Math**

**MATH 105 MATH FOR HEALTH SCIENCES**

- 5940 A 5 MW 1:20p.m.-2:45p.m. VOC 112 SWEE R

**MATH 106 INDUSTRIAL MATH**

- 5945 A 5 DAILY 11:10a.m.-12:00p.m. HSB 104 BYKER B

**MATH& 107 MATH IN SOCIETY**

- 6020 A 5 MW 9:00a.m.-10:25a.m. VOC 116 RHODE C
- 6025 B 5 TTh 1:20p.m.-3:20p.m. MAN 234 RHODE C

- 6030 DE 5 ARR ARR BENJAMIN B

Online class.

**MATH& 141 PRECALCULUS I**

- 6040 A 5 MW 9:00a.m.-10:25a.m. HSB 106 HEBERT M
- 6045 B 5 MW 11:10a.m.-12:35p.m. VOC 111 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& 142 PRECALCULUS II**

- 6050 A 5 MW 11:10a.m.-12:35p.m. MAN 233 CALHOON B

**MATH& 148 BUSINESS CALCULUS**

- 6055 A 5 MW 1:20p.m.-2:45p.m. MAN 125 BENJAMIN B

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& 152 CALCULUS II**

- 6060 A 5 DAILY 11:25a.m.-12:15p.m. MAN 235 BENJAMIN B

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& 153 CALCULUS III**

- 6065 A 5 DAILY 11:25a.m.-12:15p.m. HSB 106 DRAUS D

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 210 ELEMENTS OF STATISTICS**

- 5960 A 5 DAILY 8:00a.m.-8:50a.m. AAR 106 SKEIE T
- 5975 B 5 MW 1:20p.m.-3:20p.m. HSB 106 DRAUS D

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.

Online class.
Course # Course Name

MATH 220 LINEAR ALGEBRA NS
5990 A 5 DAILY 12:25p.m.-1:15p.m. HSB 106 DRAUS D

MATH & 132 MATH FOR ELEMENTARY EDUCATION 2 NS
6035 N 5 MW 6:00p.m.-8:30p.m. VOC 111 GRIBSKOV D

MATH 210 ELEMENTS OF STATISTICS NS
5960 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 CALHOON B

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 staff.

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

| MATH 050 REVIEW MATH-WHOLE NUMBER |
| 5670 P 1 DAILY ARR MAN 127 STAFF |

| MATH 078 PRE-COLLEGE MATH I |
| 5715 P 3 DAILY ARR MAN 127 STAFF |

| MATH 079 PRE-COLLEGE MATH I |
| 5760 P 2 DAILY ARR MAN 127 STAFF |

| MATH 088 PRE-COLLEGE MATH II |
| 5805 P 3 DAILY ARR MAN 127 STAFF |

| MATH 089 PRE-COLLEGE MATH II |
| 5845 P 2 DAILY ARR MAN 127 STAFF |

| MATH 098 PRE-COLLEGE MATH III |
| 5865 P 3 DAILY ARR MAN 127 STAFF |

| MATH 099 PRE-COLLEGE MATH III |
| 5910 P 2 DAILY ARR MAN 127 STAFF |

Medical Assisting

MEDA 101 MEDICAL VOCABULARY I
6070 A 3 MW 1:30p.m.-2:45p.m. HSB 244 ENGLE E

MEDA 102 MEDICAL VOCABULARY II
6080 A 3 MW 3:45p.m.-5:00p.m. HSB 244 ENGLE E
Prerequisites: MEDA 101 or equivalent, or instructor permission.

MEDA 120 SURVEY OF ANATOMY AND PHYSIOLOGY
6085 A 5 TW 9:30a.m.-11:30a.m. HSB 248 MAHON C
MEDA 120 will meet on Tuesday, April 7 and Wednesday, April 8 in the Heritage Room. Beginning Tuesday, April 14 the class will meet in HSB 248 9:30-11:30 a.m.

MEDA 145 MEDICAL LAB TECHNIQUES
6090 A 6 TTh 8:00a.m.-9:40a.m. HSB 244 SOLADEY V
Students must also enroll for one of the lab sections, MEDA 145 LA or LB.
Lab Fee: $31.30

MEDA 145 MEDICAL LAB TECHNIQUES—LAB
6095 LA 0 TTh 10:00a.m.-11:40a.m. HSB 244 SOLADEY V
Lab Fee: $31.30
6100 LB 0 TTh 12:10p.m.-1:50p.m. HSB 244 SOLADEY V
Lab Fee: $31.30

MEDA 165 MEDICATIONS IN MEDICAL ASSISTING & DISEASES
6105 A 5 MW 8:00a.m.-9:15a.m. HSB 244 SOLADEY V
Students must also enroll for one of the lab sections, MEDA 165 LA or LB.
Lab Fee: $31.30

MEDA 165 MEDICATIONS IN MEDICAL ASSISTING & DISEASES—LAB
6110 LA 0 MW 9:45a.m.-11:25a.m. HSB 244 SOLADEY V
Lab Fee: $31.30
6115 LB 0 MW 12:00p.m.-1:40p.m. HSB 244 SOLADEY V
Lab Fee: $31.30

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

Spring Dates:
March 11, 16 and 18-20, 5-8 p.m.
Registration Required
### Music

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credits</th>
<th>Sec.</th>
<th>#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>MUSC 100</td>
<td>FUNDAMENTALS OF MUSIC</td>
<td>3</td>
<td>T</td>
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<td>12:00p.m.-3:00p.m.</td>
<td>RCA 220</td>
<td>DAVIS R</td>
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<tr>
<td>MUSC 103</td>
<td>THEORY/MUSICIANSHIP III</td>
<td>3</td>
<td>MWF</td>
<td>10:00a.m.-11:25a.m.</td>
<td>RCA 218</td>
<td>DAVIS R</td>
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<td>MUSC 105</td>
<td>MUSIC APPRECIATION</td>
<td>3</td>
<td>MWF</td>
<td>11:10a.m.-12:35p.m.</td>
<td>RCA 220</td>
<td>CHALLED G</td>
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<td>MUSC 108</td>
<td>GROUP PIANO INSTRUCTION</td>
<td>3</td>
<td>MW</td>
<td>1:20p.m.-2:35p.m.</td>
<td>RCA 221</td>
<td>HARBAUGH K</td>
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<td>MUSC 113</td>
<td>EAR TRAINING III</td>
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<td>MW</td>
<td>11:00a.m.-12:15p.m.</td>
<td>RCA 221</td>
<td>DAVIS R</td>
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<td>MUSC 117</td>
<td>MUSIC CULTURES WORLD:DIV</td>
<td>3</td>
<td>W</td>
<td>11:25a.m.-11:50a.m.</td>
<td>RCA 218</td>
<td>DAVIS R</td>
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<td>MUSC 126</td>
<td>APPLIED MUSIC I</td>
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<td>ARR</td>
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<td>STAFF</td>
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<td>MUSC 134</td>
<td>STRING CHAMBER MUSIC</td>
<td>3</td>
<td>ARR</td>
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<td>DAVIS R</td>
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<tr>
<td>MUSC 143</td>
<td>CONCERT CHOIR III</td>
<td>3</td>
<td>MWF</td>
<td>1:10p.m.-2:00p.m.</td>
<td>RCA 102</td>
<td>CHALLED G</td>
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<tr>
<td>MUSC 145</td>
<td>BEGINNING VOICE</td>
<td>3</td>
<td>MW</td>
<td>10:10a.m.-11:00a.m.</td>
<td>RCA 102</td>
<td>CHALLED G</td>
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<tr>
<td>MUSC 153</td>
<td>SHOW CHOIR III</td>
<td>3</td>
<td>MWF</td>
<td>2:10p.m.-3:00p.m.</td>
<td>RCA 102</td>
<td>CHALLED G</td>
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<tr>
<td>MUSC 208</td>
<td>GROUP PIANO INSTRUCTION</td>
<td>3</td>
<td>MW</td>
<td>11:00a.m.-12:15p.m.</td>
<td>RCA 221</td>
<td>DAVIS R</td>
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<tr>
<td>MUSC 222</td>
<td>OPERA WORKSHOP</td>
<td>3</td>
<td>MW</td>
<td>4:10p.m.-5:00p.m.</td>
<td>RCA 102</td>
<td>CHALLED G</td>
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<tr>
<td>MUSC 226</td>
<td>APPLIED MUSIC I</td>
<td>3</td>
<td>ARR</td>
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<td>DAVIS R</td>
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<tr>
<td>MUSC 243</td>
<td>CONCERT CHOIR VI</td>
<td>3</td>
<td>MWF</td>
<td>1:10p.m.-2:00p.m.</td>
<td>RCA 102</td>
<td>CHALLED G</td>
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</tbody>
</table>

Private music lessons are available in piano, brass, guitar, organ, percussion, string, and voice. Student pays for private lessons in addition to tuition. Instructor permission required to enroll.

### Nursing

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

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

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

### EVENING CLASSES

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credits</th>
<th>Sec.</th>
<th>#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>MUSC 130</td>
<td>JAZZ ENSEMBLE</td>
<td>3</td>
<td>2</td>
<td>W</td>
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<td>7:00p.m.-9:00p.m.</td>
<td>RCA 102</td>
<td>VALDEZ D</td>
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<tr>
<td>MUSC 150</td>
<td>SYMPHONIC BAND</td>
<td>3</td>
<td>Th</td>
<td>7:00p.m.-9:00p.m.</td>
<td>RCA 102</td>
<td>DAVIS R</td>
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Lab Fee: $7.20

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<th>Course #</th>
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<th>Sec.</th>
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<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>MUSC 208</td>
<td>GROUP PIANO INSTRUCTION</td>
<td>3</td>
<td>2</td>
<td>TTh</td>
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<td>11:00a.m.-12:15p.m.</td>
<td>RCA 221</td>
<td>DAVIS R</td>
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</table>

Instructor permission required to enroll.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credits</th>
<th>Sec.</th>
<th>#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>NURS 090</td>
<td>NURSING ASSISTANT</td>
<td>3</td>
<td>8</td>
<td>ARR</td>
<td></td>
<td>4:30p.m.-9:30p.m.</td>
<td>HSB 249</td>
<td>LANDON C</td>
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</tbody>
</table>

Instructor permission required to enroll.
NUTR—PHIL

PHED 147  APPLIED FASTPITCH SOFTBALL—WOMEN  6625 A  2  DAILY  2:00p.m.-2:50p.m.  OOC  FULLER T

PHED 128  WEIGHT TRAINING  6615 A  2  TTh  2:00p.m.-2:50p.m.  GYM 210  SANCHEZ E

PHED 139  TRAIN FOR A RACE  6620 A  1-2 MW  9:00a.m.-9:50a.m.  GYM 212  ROSS E

PHED 146  ZUMBA II  6670 A  1.5  MWF  12:00p.m.-12:50p.m.  GYM 210  DAvis TL

PHED 152  PERSONALIZED FITNESS  6630 A  1-2 MW  11:00a.m.-11:50a.m.  GYM 211  LANE E

PHED 162  APPLIED BASEBALL  6640 A  2  DAILY  2:00p.m.-2:50p.m.  GYM 212  SMITH E

PHED 204  INTERMEDIATE PILATES & STRETCH  6650 A  1  TTh  9:00a.m.-9:50a.m.  GYM 210  SKERBECK C

PHED 205  PILATES & YOGA—INTERMEDIATE  6655 A  1  TTh  8:00a.m.-8:50a.m.  GYM 210  SKERBECK C

PHED 220  CROSS TRAINING  6665 A  2  TTh  1:00p.m.-1:50p.m.  GYM 210  SANCHEZ E

PHED 227  ZUMBA II  6670 A  1.5  MWF  12:00p.m.-12:50p.m.  GYM 210  DAvis TL

PHED 228  WEIGHT TRAINING  6675 A  1-2 TTh  2:00p.m.-2:50p.m.  GYM 210  SANCHEZ E

PHED 247  APPLIED FASTPITCH SOFTBALL—WOMEN  6680 A  2  DAILY  2:00p.m.-2:50p.m.  OOC  FULLER T

PHED 252  PERSONALIZED FITNESS  6685 A  1-2 MW  11:00a.m.-11:50a.m.  GYM 211  LANE E

PHEd 250  APPLIED BASEBALL  6695 A  2  DAILY  2:00p.m.-2:50p.m.  GYM 210  SMITH E

EVENING CLASSES
PHED 171  PREVENTION AND CARE OF ATHLETIC INJURIES  6645 N  3  M  6:00p.m.-9:15p.m.  GYM 212  EARNEST E

Lab Fee: $18.20

PHIL& 101  INTRODUCTION TO PHILOSOPHY  6705 A  5  MWF  9:00a.m.-10:25a.m.  MAN 235  SHAw D
### Physics

**PHYS 100 PHYSICS: NON-SCIENCE MAJOR**  
- **6710 A** 5 **MWF** 1:20p.m.-2:35p.m.  
  HSB 137  LIVINS P  
  Lab included. Lab Fee: $13.20

**PHYS 116 GENERAL PHYSICS III**  
- **6715 A** 5 **MWF** 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**  
- **6720 LA** 0 **T** 9:00a.m.-10:40a.m.  
  HSB 137  LIVINS P  
- **6725 LB** 0 **T** 11:00a.m.-12:40p.m.  
  HSB 137  LIVINS P  
- **6730 LC** 0 **ARR**  
  HSB 137  LIVINS P

**PHYS 223 ENGINEERING PHYSICS III**  
- **6735 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**  
- **6740 LA** 0 **T** 1:00p.m.-2:40p.m.  
  HSB 137  LIVINS P  
- **6745 LB** 0 **Th** 1:00p.m.-2:40p.m.  
  HSB 137  LIVINS P  
- **6750 LC** 0 **ARR**  
  HSB 137  LIVINS P

### Political Science

**POLS 202 AMERICAN GOVERNMENT**  
- **6725 DE** 5 **ARR**  
  CASCADDAN D  
  Online class.

**POLS 203 INTERNATIONAL RELATIONS**  
- **6777 A** 5 **MW** 9:00a.m.-11:00a.m.  
  AAR 102  HOLLENBECK T  
- **6780 IS** 5 **MTWTh** 9:00a.m.-12:30p.m.  
  MAN 119  BENSON D  
  Integrative Studies: "WAR"-Students must also enroll in PSYC 201IS, #6970, and DRMA 101IS, #3355, or DRMA 108IS, #3320, or DRMA 208IS, #3345 for a total of 15 credits.

**POLS 250 SEMINAR: POLY SCI:IS**  
- **6780 IS** 5 **MTWTh** 9:00a.m.-12:30p.m.  
  MAN 119  BENSON D  
  Integrative Studies: "WAR"-Students must also enroll in PSYC 201IS, #6970, and DRMA 101IS, #3355, or DRMA 108IS, #3320, or DRMA 208IS, #3345 for a total of 15 credits.

### Process Manufacturing

**PMFG 202 ELECTRIC MOTORS**  
- **6755 N** 2 **W** 6:00p.m.-7:40p.m.  
  VOC 112  JOINER T

**PMFG 210 ADVANCED INDUSTRIAL MAINTENANCE**  
- **6760 N** 5 **TTh** 6:00p.m.-8:10p.m.  
  VOC 112  JOINER T

### Psychology

**PSYC 100 GENERAL PSYCHOLOGY**  
- **6795 A** 5 **MW** 9:00a.m.-11:00a.m.  
  PSC 104  HAYES B  
- **6800 B** 5 **TTh** 9:00a.m.-11:00a.m.  
  PSC 104  HAYES B  
- **6805 C** 5 **TTh** 3:30p.m.-5:20p.m.  
  MAN 235  GATES K  
- **6810 DE** 5 **ARR**  
  TUCKER J  
  Online class.  
  **6815 E** 5 **TTh** 1:20p.m.-3:20p.m.  
  MAN 233  WEAVER N

**PSYC 200 LIFESPAN PSYCHOLOGY**  
- **6830 A** 5 **MW** 1:20p.m.-3:20p.m.  
  PSC 104  HAYES B  
- **6835 DE** 5 **ARR**  
  WORLEY M  
  Online class.  
- **6840 DE1** 5 **ARR**  
  WORLEY M  
  Online class.

**PSYC 204 APPLIED PSYCHOLOGY:IS**  
- **6970 IS** 5 **MTWTh** 9:00a.m.-12:30p.m.  
  MAN 119  STRAYER M  
  Integrative Studies: "WAR"-Students must also enroll in POLS& 203IS, #6780, or POLS 250IS, #6770, and DRMA& 101IS, #3355, or DRMA 108IS, #3320, or DRMA 208IS, #3345 for a total of 15 credits.

### Evening Classes

**PSYC 100 GENERAL PSYCHOLOGY**  
- **6825 N** 5 **T** 5:15p.m.-7:30p.m.  
  MAN 125  TUCKER J  
  Hybrid class; partly online.

### Sociology

**SOC 101 INTRODUCTION TO SOCIOLOGY:DIV**  
- **6980 A** 5 **MW** 9:00a.m.-11:00a.m.  
  MAN 234  WEAVER N  
- **7000 B** 5 **MW** 1:20p.m.-3:20p.m.  
  PSC 102  SUEK J  
- **6985 C** 5 **TTh** 9:00a.m.-11:00a.m.  
  MAN 234  WEAVER N  
  Online class.  
- **6990 DE** 5 **ARR**  
  TATE J  
  Online class.  
- **6995 DE1** 5 **ARR**  
  TATE J  
  Online class.

Textbook info online at lowercolumbia.edu/bookstore
Spanish

All DE sections are online, using Maestro and email communication with the instructor. A Distance Education fee will be charged. After registering, students must contact Alex Emerson at aemerson@lowercolumbia.edu.

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

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

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<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>SPCH 104</td>
<td>INTERPERSONAL COMMUNICATION</td>
<td>H</td>
<td>2</td>
<td>MW</td>
<td>3:30 p.m.-5:30 p.m.</td>
<td>RCA 141</td>
<td>SCHABOT D</td>
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<tr>
<td>SPCH 110</td>
<td>INTRODUCTION TO PUBLIC SPEAKING</td>
<td>H</td>
<td>2</td>
<td>MW</td>
<td>3:30 p.m.-5:30 p.m.</td>
<td>RCA 141</td>
<td>SCHABOT D</td>
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Technology

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<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>TECH 100</td>
<td>ADVANCED PRINCIPLES OF TECHNOLOGY</td>
<td></td>
<td>2</td>
<td>MW</td>
<td>3:30 p.m.-5:30 p.m.</td>
<td>VOC 115</td>
<td>GERICK J</td>
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</table>
# Welding Technology

A $11.40 per-credit fee to a maximum of $114 is charged for each welding class.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Instructor(s)</th>
<th>Schedule</th>
<th>Location</th>
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<tbody>
<tr>
<td>WELD 105</td>
<td>RELATED WELDING I</td>
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<tr>
<td></td>
<td>7250 A  6 DAILY 8:00 a.m.-11:00 a.m. VOC 161</td>
<td>EVALD A</td>
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<tr>
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<td>7255 B  1-6 MWF 8:00 a.m.-11:00 a.m. VOC 161</td>
<td>EVALD A</td>
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<td>7260 C  1-6 MWF 1:00 p.m.-4:00 p.m. VOC 161</td>
<td>EVALD A</td>
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<tr>
<td>WELD 151</td>
<td>INTRODUCTION TO OXY ACETYLENE</td>
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<td>7280 A  6 DAILY 8:00 a.m.-11:00 a.m. VOC 161</td>
<td>BYRUM/EVALD A</td>
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<tr>
<td>WELD 152</td>
<td>INTRODUCTION TO ARC WELDING</td>
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<td>7310 A  10 DAILY 8:00 a.m.-11:00 a.m. VOC 161</td>
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<td>7320 C  1-6 MWF 1:00 p.m.-4:00 p.m. VOC 161</td>
<td>EVALD/BYRUM</td>
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<td>WELD 221</td>
<td>WIRE MACHINE</td>
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<td>7345 B  1-6 MWF 8:00 a.m.-11:00 a.m. VOC 161</td>
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<td>7350 C  1-6 MWF 1:00 p.m.-4:00 p.m. VOC 161</td>
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<td>WELD 222</td>
<td>ADVANCED WIRE MACHINE</td>
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<td>7380 C  1-6 MWF 1:00 p.m.-4:00 p.m. VOC 161</td>
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<td>WELD 254</td>
<td>ARC WELDING</td>
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<td>7400 A  10 DAILY 8:00 a.m.-11:00 a.m. VOC 161</td>
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<td>7405 B  1-8 MWThF 8:00 a.m.-11:00 a.m. VOC 161</td>
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<td>7410 C  1-6 MWF 1:00 p.m.-4:00 p.m. VOC 161</td>
<td>EVALD/BYRUM</td>
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<td>WELD 255</td>
<td>ADVANCED WELDING PROCESSES</td>
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<td>WELD 256</td>
<td>ADVANCED WELDING APPLICATION</td>
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<td>7465 B  1-8 MWThF 8:00 a.m.-11:00 a.m. VOC 161</td>
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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.-4:20 p.m.
Mon–Thurs  5:30 p.m.-9:05 p.m.

LCC Head Start (19th Ave.)
Tues–Thurs  8:30 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–Thurs  11:30 a.m.-2:00 p.m.
Mon–Thurs  6:00 p.m.-8:45 p.m.

Goodwill (15th Avenue)
Tues–Thurs  12:30 p.m.-2:10 p.m.

Kelso ABE Classes
Barnes Elementary School (1601 Bowmont Ave.)
Tues–Thurs  9:00 a.m.-10:55 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  5:30 p.m.-9:10 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 both through classroom studies and by demonstrating knowledge gained in the workplace, life experiences and military service. Previous high school and college studies also count.

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

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

LCC began offering the HS21+ program in Summer 2013. Since then, over 150 students have completed studies to graduate with their high school diploma. Even better, many graduates have continued on to college studies.
CONTINUING EDUCATION

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.

Health & Wellness

Aquatic Fitness
Did you know that exercising in water makes you feel up to 90 percent lighter, according to the American Council on Exercise? This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. Students in our aquatic fitness program benefit by burning calories, building strength as they work against 12 times the resistance of air, and increasing metabolism. Join Tamara Haulk at the Dick Mealy Pool as she leads you through a variety of exercises to get you moving and feeling great! (Tamora Haulk) $69 No class April 6-10 or May 25.
CLCE 035 A 8225 MTTh 3/23-6/11 11:50 a.m.-12:45 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, benefit by burning calories, building strength as they work against 12 times the resistance of air, and increasing metabolism. Classes meet at the Youth and Family Link Gym. (Judy Bain) $14
CLCE 031 A 8200 Th 5/7-7/2 10:15-11:05 a.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 (Tracy Davis) $59
Session One
CLCE 030 A 8195 TTh 3/17-5/7 5:30-6:30 p.m.
Session Two
CLCE 030 B 8196 TTh 5/12-7/2 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 Gym. (Judy Bain) $49
CLCE 036 A 8230 MW 5/4-7/1 7:00-7:50 a.m.
CLCE 036 B 8235 MW 5/4-7/1 8:00-8:50 a.m.
CLCE 036 C 8240 MW 5/4-7/1 9:00-9:50 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. (Judy Bain, Mary Ann Mabey) $49
CLCE 032 A 8205 MW 5/4-7/1 10:00-10:50 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. (Judy Bain) $49
CLCE 033 A 8210 MW 5/4-7/1 11:00-11:50 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 (Jayne Poole) $60
Session One
CLCE 034 A 8215 MW 4/13-5/13 5:30-6:30 p.m.
Session Two
CLCE 034 B 8220 MW 5/18-6/22 5:30-6:30 p.m.
**Art & Culture**

**Metal Art**
Enter the world of making junk into art! This class will inspire you to find scraps and assist you in exploring different techniques to express your creative side. You will learn safety and welding techniques and develop understanding different materials and how to manipulate them. You will explore different forms of metal sculptures and even produce a work of your own art by the end. Make money selling your reformed junk; this industry is growing and in demand. Junk will never look the same! LCC Welding Shop (Rodney Miller) $99

**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 (Gina Challed)

**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 (Rob Davis)

**Jazz Ensemble**
Non-credit section for community members. Preparation and performance of literature from the jazz idiom appropriate from small to large jazz ensemble for required on and off campus concerts. Jazz literature from the swing era to the present will include be-bop, rock, funk, fusion, and blues. Prior knowledge of jazz improvisation not required. Open to trumpet, trombone, all saxophone, drum, bass, and guitar players with strong musical skills and good music reading abilities. Prerequisite: Audition or approval by instructor. RCA 102 (Rob Davis)

**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 (Max 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 (Max Wade) $75

**Thinking Inside the Box**
This class will investigate artistic imagery contained within a box or other enclosed structure. Assemblage, the process of combining visual elements inside a container, has a rich history. From ancient reliquaries, through Victorian shadow boxes, and contemporary photographic montages, the power of the box has endured. The resultant depth and shadowing of the imagery produces a psychological power that isn’t possible in traditional 2-dimensional art works. We will cover ideas for finding and creating visual elements, as well as techniques for constructing boxes, niches, drawers and sourcing existing containment objects. MAN 109 (Max Wade) $75 No class 5/25
Travel & Outdoors

Woodland Tulip Festival-NEW
The vibrant colors and unique shape of tulips tell us that spring is here! Every year the tulip fields in Woodland come alive with color during the Woodland Tulip Festival. Complete with a vendor’s market, u-pick field and gift shop, the Tulip Festival is a wonderful way to say good-bye to winter and welcome in spring. Join us for an afternoon of beauty, and bring home a striking bouquet of your very own! Woodland (STAFF) $15, transportation to and from the festival included.

CLCE 038 B 8555 Sat 4/18 10:00 a.m.-2:00 p.m.

Hulda Klager Lilac Gardens-NEW
Listed as a National Historic Site in Woodland, the lilac gardens transport visitors back in time to the 1880’s Victorian Farmhouse and country garden. Each year during the spring months, the garden comes alive with Lilac Days. Join us for a trip to the gardens where you can stroll the lilac gardens, purchase your favorite lilacs and tour the Victorian home. A trip not to be missed, as you can visit the gardens daily, only during Lilac Days can you purchase lilacs, tour the farmhouse and visit the gift shop. $15, transportation to and from included, does not include the $3 gate fee. Woodland (STAFF)

Recommended reading prior to trip, Where the Lilacs Still Bloom by Jane Kirkpatrick.

CLCE 038 C 8560 Sat 5/2 10:00 a.m.-2:00 p.m.

Recycled Arts Festival
The Recycled Art Festival was created as a way to educate the community about waste reduction, reuse and recycling. Artists participating in the RAF have created their artwork out of at least 75% recycled or reused materials. Each booth lists items used and why the artist selected those materials instead of using new materials. You will have a chance to see and purchase art such as clocks, wall art, glass art, purses, wood furniture, sculptures and so much more! Join us for an afternoon of good weather, good friends and great art! $25, transportation to and from festival included. Ester Short Park, Vancouver (STAFF)

CLCE 038 A 8550 Sat 6/27 9 a.m.-4 p.m.

About 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!
CONTINUING EDUCATION

Business & Professional Development

LCC offers a variety of services supporting workforce development and customized training through the Workforce & 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.

Newspaper Seed Starter Pots-NEW

Starting your vegetables and herbs, or any plant you want to experiment with starting from seed, is easy and inexpensive if you learn to create your own seed starting pot using old newspaper. These seedling pots require no staples, glue, tape or origami skills. Recycle your old newspapers and get your 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. Seeds, soil and newspaper will be available or you can bring your own. Bring a tray or flat cardboard box to transport your seed starter pots home.

DTV 201 $29
CLCE 026A  8175  Sat  4/18  9 a.m.-12 p.m.

Lower Columbia College and the WSU Small Business Development Center are pleased to present the 5th annual Business Best Practices Series for business owners, their employees and individuals contemplating starting a business. The series features experts in their field providing practical information and provides important tools to help businesses grow and thrive. Each session includes time dedicated to questions and answers so you can ask questions specific to your business.

The series is offered at no cost and sponsored by area lenders, agencies and service providers. Sessions are held the 1st or 2nd Thursday of each month. E-mail Jerry Petrick jerry.petrick@wsbdc.org or Lynell Amundson lamundson@lowercolumbia.edu if you are interested in receiving notification of upcoming sessions.

Professional Development: Leadership and Management Skill Building

THURSDAYS, 8 A.M. TO NOON
Lower Columbia College
Don Talley Building, Room 201
$150 per session (All classes are offered individually.)

Time Management & Delegation
Learn practical techniques that can be used immediately to gain control over your day. Practice how to plan and prioritize more effectively while managing interruptions and distractions. In addition, identify when to assign work to others to get things done efficiently and effectively. (Hahli Clark/Tamra Bell)
CLCE 040 A 8575 Th  5/7

Conflict Management
Participants will improve relationships with coworkers, clients, and managers and find ways through conflict back to cooperation. This training is focused on effective conflict resolution and reveals simple, repeatable techniques that apply in most business situations. (Leszek Cromwell)
CLCE 040 C 8590 Th  5/14

Communication Essentials and Self-Concept
Communication starts with the self. At the end of this training participants will have a better understanding of how self-perception impacts communication with others. Participants will focus on identity management strategies used to influence others’ perceptions. (Stefanie Neill)
CLCE 040 B 8580 Th  5/21
Principles of Lean-NEW
Principles of Lean with live simulation is a one-day seminar that introduces Lean in a classroom discussion combined with live simulation sessions that demonstrate Lean concepts.

Lean is about operating the most efficient and effective organization possible, with the least amount of cost and zero waste. It is an approach that shows companies how to make smarter and better use of all their resources - technology, equipment, and especially the knowledge and skills of their people. While manufacturing is the arena where Lean initiatives originated, the principles can be applied to office settings, health care, and any transactional business, as well as government. This class will introduce you to the fundamentals of the process and prepare you for the first step of your lean journey.

(Staff) $299

CLCE 044 A Item #8595 Th 4/30 8:30 a.m.-4:30 p.m.

Home Buyer Education Course-NEW
Through local partnerships, the Washington State Housing and Finance Commission helps homebuyers learn how to purchase and maintain a home. This course will show you what to expect in the home-buying process and special programs for first time home buyers. Commission-sponsored homebuyer education seminars are the first step in purchasing a home. They are free and open to the public, include information about the Commission’s first mortgage programs, down payment assistance, and other loan programs; and are accepted by all affordable housing loan programs as meeting or exceeding educational requirements. Jon Trussell, Guild Mortgage and Laura Yoder, The Real Living – Longview WA

Class located in the Don Talley Building, Room 201

Monday and Wednesday May 4 and 6, 5:30-8 p.m.

OR

Saturday May 30, 9 a.m.-2 p.m.

Please call 360.200.6607 or email jtrussell@guildmortgage.net for registration. Snacks and refreshments provided. Reservations required due to limited seating.

Workforce Training
Through our partnership with ed2go (formerly Gatlin Education Services) a number of open enrollment programs are available and can provide the skills necessary to acquire professional level positions for many in-demand occupations. You will receive an effective web-based learning experience. Each program includes a set of lessons and evaluations; grades are a combination of the instructor’s evaluation of students’ work and computer graded tests. Visit www.gatlineducation.com/lccbic for a full course listing.

Marketing Design Certificate-ONLINE
In this program, students will focus on developing technical skill and creative artistry using applied marketing principles. You will complete a number of projects, including marketing concept development, retouching, composing, illustration, advertising design, logo design and corporate branding. You’ll also learn in-demand software programs, such as, Adobe Photoshop or Illustrator.

360 hours, $5995

Call for registration information.

Spanish for Medical Professionals-ONLINE
Learn medical Spanish quickly and easily, honing your basic conversational skills and mastering key healthcare words and phrases. Whether you’re new to the Spanish language or just want a refresher, this fun and simple course will give you the basic tools you need to bridge the communication gap. Starting with the basics of Spanish pronunciation, you’ll move right into simple words for everyday topics including colors, numbers, conversational phrases, family names, and words for asking questions. Next, you’ll get to the meat of the course as you discover how to ask about pain, symptoms, medical histories, insurance, and patients’ feelings. You’ll also learn how to talk about body parts, diets, and medical care and treatment.

By the end of this course, you’ll have a strong foundation in basic medical Spanish that you can build on for years to come. $99

Spanish for Medical Professionals II-ONLINE
Learn medical Spanish vocabulary from a variety of medical fields, as well as more advanced Spanish grammar. Appropriate for healthcare providers who already have a solid foundation in Spanish, but need the medical terminology, as well as for those who have taken Spanish for Medical Professionals. Learn a comprehensive Spanish medical vocabulary that includes words and phrases from insurance to OB to physical therapy and even dentistry! $99

Certified Bookkeeper-ONLINE
The Web-based format of this program will allow you to move at your own pace while learning in the comfort of your own home. The program consists of six separate subject areas:

- Adjusting entries
- Correction of accounting errors (including the bank reconciliation)
- Book and tax depreciation
- Basic payroll
- Merchandise inventory
- Internal controls and fraud prevention

This program includes a set of six workbooks that will help prepare you for each of the exams.

140 hours, $1995. Call for registration information.

Workplace Spanish
Command Spanish®, Inc. is the country’s pioneer and leading provider of Spanish language training for the workplace.

- Business and Industry
- Education
- General Interest
- Healthcare
- Public Safety
- Law Enforcement, Corrections, & Probation

These courses are offered online. For only $69 you will have access to the coursework for 4 months! lowercolumbia.edu/ce

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!
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.

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 to register, please contact: Mary Harris at 360.442.2602 or mharris@lowercolumbia.edu.

Understanding Diabetes
W 4/8 8 a.m.-1:30 p.m.

Diabetic Nutrition
W 4/8 2-4 p.m.
Please contact mharris@lowercolumbia.edu for a current schedule.

Nurse Delegation
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 6940 $40.00
7 hour HIV/AIDS Certification, register for: SFTY 045 6935 $65.00

Computers & Technology
Internet Basics Small Group Training—NEW
New class designed for those who are new to browsing the internet. We'll start with the basics, from choosing a browser, basic email, search engines, downloading basics, and keeping your computer clean. We'll also discuss internet safety including shopping online, creating passwords, and more. Basics Computer Skills required. DTV 103 (Mary Harris) $39
CLCE 005A 8020 Th 5/7-5/21 3:30-4:30 p.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 you 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 108 (David Juneman) $39
CLCE 001 A 8000 M 4/13-5/4 3-5 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 108 (David Juneman) $39
CLCE 002 A 8005 M 5/11-6/8 3-5 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 108 (David Juneman) $39
CLCE 003 A 8010 M 6/15-7/6 3-5 p.m.

Sign up for an individual course or take all three for $79! Save the cost of one class by taking all 3! Item #8015.
Ed2go has over 300 instructor-facilitated online courses to choose from. Through well-crafted lessons, expert online instruction, and interaction with fellow students, you gain valuable knowledge at your convenience. Online continuing education courses begin each month and continue for six weeks. You can complete any course wherever you have internet access, any time of the day or night! Most courses are $99. Visit www.ed2go.com/lccbic or call 360.442.2602 for more information.

**What’s New in Microsoft Office 2013**
Get up to speed on the exciting new features of Microsoft Office 2013, including Word, Excel, PowerPoint, Access, Outlook, OneNote, and Publisher. $99 Register at www.ed2go.com/lccbic

**Understanding the Cloud**
Learn how the Cloud works, what drives it, why it’s so popular, and how to make it work for you. $99 Register at www.ed2go.com/lccbic

**Introduction to QuickBooks**
Gain control of your business as you learn to use this powerful accounting software to create and print invoices, track your payables and receivables, and more. $99 Register at www.ed2go.com/lccbic

**Using Social Media in Business**
Discover how to use the five most popular social media platforms – Facebook, Twitter, LinkedIn, Pinterest, and Google+ – to grow and promote your business. $99 Register at www.ed2go.com/lccbic

**Creating WordPress Websites**
Learn how to use WordPress, a free and popular Web design tool, to quickly and easily create attractive blogs and interactive websites. $99 Register at www.ed2go.com/lccbic

**Write Effective Web Content**
Learn how to write Web content and produce multimedia elements to make your website or blog a must-visit site on the Internet. $99 Register at www.ed2go.com/lccbic

**Effective Business Writing**
Learn how to develop powerful written documents that draw readers in and keep them motivated to continue to the end. $99 Register at www.ed2go.com/lccbic

**Grammar Refresher**
Gain confidence in your ability to produce clean, grammatically correct documents and speeches. $99 Register at www.ed2go.com/lccbic

**Research Methods for Writers**
Learn the most efficient and effective methods to conduct research for any writing project. $99 Register at www.ed2go.com/lccbic

**Genealogy Basics**
Discover where to look, who to contact, and how to use research tools to begin an exciting and fascinating exploration of your roots. $99 Register at www.ed2go.com/lccbic

**Write Your Life Story**
Create and distribute an inspirational and professional autobiography for family, friends, and others. $99 Register at www.ed2go.com/lccbic

**Discover Sign Language**
Discover the fun of learning sign language and using your hands to communicate with the deaf. $99 Register at www.ed2go.com/lccbic

**Secrets of Better Photography**
Learn how to take better pictures by understanding your camera and how to use it in a variety of situations. $99 Register at www.ed2go.com/lccbic

**Introduction to Digital Scrapbooking**
Make the most of your scrapbooking talents and artistic ideas when you combine digital and traditional scrapbooking techniques. $99 Register at www.ed2go.com/lccbic

**Lose Weight and Keep It Off**
Discover how to establish a healthy approach to successful weight loss and weight maintenance for a lifetime. $99 Register at www.ed2go.com/lccbic

**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! $99 Register at www.ed2go.com/lccbic

**Start Your Own Edible Garden**
Learn how to grow delicious, nutritious fruits and vegetables in your own backyard. $99 Register at www.ed2go.com/lccbic

Visit our Online Instruction Center for a complete catalog of courses at www.ed2go.com/lccbic
Sign up now! Continuing Education

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

Last Name First Name Middle Initial Previous Last Name

Mailing Address City State Zip Code

E-mail Address Home Phone Work Phone Cell Phone

ENROLLMENT INFORMATION

<table>
<thead>
<tr>
<th>Item#</th>
<th>Course Description</th>
<th>Dept.</th>
<th>Course</th>
<th>Section</th>
<th>Room</th>
<th>Days</th>
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<tr>
<td>1111</td>
<td>Sample Course Title</td>
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<td>7 p.m.</td>
<td>4/15</td>
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</table>

Have you ever attended classes at LCC?

❑ Yes  ❑ No Last year attended ______________________

How did you hear about this class?

________________________________________________________________________
________________________________________________________________________

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

________________________________________________________________________
________________________________________________________________________

Mail your completed form with payment to complete enrollment.

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

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

**The Student ID # is assigned by Lower Columbia College to provide specific identification for every student. Your Student ID Number is NOT your Social Security number.**
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 this year’s Carnegie Hall trip).

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

Gina Challed
LCC Choir Director

Dr. Robert W. Davis
LCC Band Director

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.
GENERAL 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
Student Center Café: 8 a.m.–1:30 p.m. Monday–Friday; Espresso Bar: Opens 7:30 a.m. Monday–Friday.

■ 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 23. 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@lcc.ctc.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 from 1:30-2:30 p.m. every Monday (except holidays), Admissions Center, Room 120. 360.442.2330 workerretraining@lowercolumbia.edu
1. Don Talley Building (DTV)
2. Myklebust Gymnasium (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. Instructional Office Building (IOB)
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 Center (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. Health and Science Building (HSB)

Note: Buildings are not physically numbered. The numbers on this map are for key purposes only. Parking permits are required in all lots.
Host Families Wanted for LCC International Students

LCC is expanding its International Program by actively seeking students from foreign countries to study at the College and live in our community. Many international students prefer to stay in family homes rather than apartments in order to have a more authentic experience. Participating in family activities can provide rich and lasting memories.

Host families gain a unique opportunity to learn about different cultures and languages. In return for a monthly stipend, host family responsibilities include providing a private room and meals for their student (ages 16-20) in addition to transportation. Transportation requirements can also be met if host families live on a bus line or within walking distance of LCC.

For more information, please visit lowercolumbia.edu/host-a-student or call 360.442.2440