



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

FALL 2018 CLASS SCHEDULE



FALL CLASSES BEGIN SEPTEMBER 17

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## LCC Office Hours

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

**Registration and Entry Center –**  
Monday–Friday.....8 a.m.–5 p.m.  
**Cashiering –**  
Monday–Friday.....8:15 a.m.–4:30 p.m.  
(Closed 1-1:30 p.m. for lunch)

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

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

## Equal Opportunity, Affirmative Action, and Reasonable Accommodation

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

The College provides equal opportunity in education and employment and does not discriminate on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal as required by Title VI of the Civil Rights Act of 1964, Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Sections 504 and 508 of the Rehabilitation Act of 1973, the Americans with Disabilities Act and ADA Amendment Act, the Age Discrimination Act of 1975, the Violence Against Women Reauthorization Act and Washington State's Law Against Discrimination, Chapter 49.60 RCW and their implementing regulations.

The following person has been designated to handle inquiries regarding non-discrimination, equal opportunity, affirmative action or the ADA policies or for Title IX/504 compliance issues: Director of Human Resources & Legal Affairs, 1600 Maple Street, Longview, WA 98632, Phone number, 360.442.2120, Phone number/TTY 800.833.6388.

The College publications are available in alternate formats upon request by contacting the Disability Support Services at 360.442.2340.

## About This Schedule:

Every effort is made to ensure that the information in this course schedule is accurate at the time of publication. The College reserves the right to change its class offerings as necessary. For the latest information, please check the online class schedule at [lowercolumbia.edu/classes](http://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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POSTMASTER: Send address changes to Lower Columbia College, 1600 Maple Street, Longview, WA 98632-0310.



## Commercial Driver's License (CDL) classes now available

Gain the knowledge and skills necessary to earn a **Class A or B Commercial Driver's License (CDL)** in a matter of weeks. Training consists of 20-40 hours in the classroom and 28-120 hours of driving and vehicle instruction, depending on the type of license. Classes taught by industry professionals are available in four or six-and-a-half week options. Evening and weekend classes are available. Call 360.442.2603 or email [hhamer@lowercolumbia.edu](mailto:hhamer@lowercolumbia.edu) to learn more.

## Guided Pathways Coming to LCC

Guided Pathways is an educational strategy that simplifies the entry and course selection process for students. This research-based approach is a proven way to help more students successfully graduate and/or transfer. A core component is the adoption of **career pathways** to help students figure out where they are going early in their college career. LCC's current list of pathways (which enhance rather than replace individual degrees and certificates) includes:

- Accounting, Business and Information Technology
- Arts and Communication
- Education
- Health and Wellness
- Manufacturing, Trades and Transportation
- Social Science, Humanities and Public Service
- Science, Technology, Engineering and Math

Learn more about Guided Pathways at [lowercolumbia.edu/guided-pathways](http://lowercolumbia.edu/guided-pathways).



## Accreditation Visit Fall 2018

LCC is accredited by the Northwest Commission on Colleges and Universities, a regional accreditor recognized by the United States Department of Education. This matters, because only accredited colleges can distribute federal and state aid to students. On **October 17-19**, a team of evaluators will be on campus to determine how we're doing in terms of upholding established quality standards. During the visit, open forums will be scheduled for students, faculty and staff. Forum dates and times will be widely advertised before the visit. Individuals wishing to comment about LCC are invited to write to the NWCCU at 8060 165th AVE NE, Suite 100, Redmond, WA. The NWCCU most recently reaffirmed LCC's accreditation in fall 2011. Learn more about accreditation at [lowercolumbia.edu/accreditation](http://lowercolumbia.edu/accreditation).

# HOW TO REGISTER

Go to [lowercolumbia.edu/enrollment](http://lowercolumbia.edu/enrollment) to access the following steps

## New Students

Registration begins June 4 for new students. Apply for admission, there is no fee to apply: [lowercolumbia.edu/apply](http://lowercolumbia.edu/apply). If needed, staff assistance and computers are available in the Admissions Center.

### 1. Apply for admission

Online or in person at the Registration Office.

### 2. Apply for financial aid, if needed.

Go to [lowercolumbia.edu/finaid](http://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](http://lowercolumbia.edu/programs).

### 4. Practice and take a placement test

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

### 5. Attend New Student Orientation & Register

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

### 6. Pay your tuition and fees

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

## Non-credit classes:

Continuing Education class listings and registration information begin on page 38.

## Class Full? Get on the Waitlist!

Students may be added to the waitlist through the end of the day, Friday September 7. If openings occur through the third day of the quarter (September 19), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

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

## Current Students

Registration begins May 29 for students who have attended LCC within the last quarter.

**1. Find out your earliest registration date/time** online at [lowercolumbia.edu](http://lowercolumbia.edu). Student ID Number and Global PIN required.

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

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

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

## Which PIN Do You Need?

**Global PIN**—Received from Registration. Use to log in for most online services.

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

## Fall Dates and Deadlines

Veterans/Dependents Priority Registration begins.....	May 25
Priority Registration for Fall begins.....	May 29
Open Registration for Fall begins .....	June 4
Admission deadline for degree/certificate students.....	August 6
Application deadline for Fall financial aid.....	August 6
Last day for Fall Administrative Hold .....	August 27
Last day to be added to a Waitlist.....	September 7
Fall tuition payment due.....	September 11
First day of classes .....	September 17
Last day of online registration.....	September 19
Last day for 100% tuition refund.....	September 21
Last day to withdraw and avoid a "W" .....	September 28
Last day for 50% tuition refund.....	October 5
Last day to apply for Fall graduation .....	October 16
Last day to withdraw from classes.....	November 9
Veterans Day holiday .....	November 12
Thanksgiving Holidays.....	November 22-23
Last day of Fall classes.....	November 30
Fall finals .....	December 4-6

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

# ONLINE REGISTRATION & PAYMENT

Go to [lowercolumbia.edu/online-services](http://lowercolumbia.edu/online-services) to access the following steps

## 1. Check Your Registration Date and Time

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

## 2. To Register Online

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

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

## 3. Pay Your Tuition or Set Up a Payment Plan Online!

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

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

Tuition is due the Tuesday before classes begin.

## 4. Add or Drop Classes

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

## ONLINE REGISTRATION WORKSHEET

Dept.	Course #	Item #	Section	Credits	M	T	W	Th	F	Time	Bldg/Rm	Entry Code

## Alternate Classes


## When can't I use Online Registration?

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

## Online Registration is available

May 29 - September 19

## 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, permanent resident status, hold an A, E, G, H, I, K or L visa or have "refugee/asylum" status. If your residency cannot be determined at the time of admission, your tuition and fees will be calculated at the non-resident tuition and fee rate. Ask about residency at the Registration Office, 360.442.2370. Complete residency rules are detailed in RCW 28B.15.012.

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

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

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

## Oregon Border County Residents (Column B)

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

## 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 \$1.50 per credit facilities use fee, \$3.75 per credit technology fee and applicable lab fees.

## Miscellaneous Fees for 2017-18

- **Apprenticeship:** \$53 per credit; \$3.53 per clock hour.
- **Computer Lab:** A fee of \$25.10 per class is charged for certain classes identified in the course listing.
- **Facilities:** The chart includes a fee of \$1.50 per credit (up to 18 credits) for facilities maintenance and College security.
- **Fitness Center Upgrade:** The chart includes a fee of \$2.50/credit (up to 10 credits) for fitness center upgrade.
- **Fitness Center Use:** \$20 per student/per quarter.
- **GED Testing:** \$120 for first time on all four. Re-testing: \$30 per test.
- **High School Completion:** Students taking courses to earn a high school diploma are charged a per credit fee based upon residency status (\$53.42 per credit for residents and \$106.84 for non-residents). They also pay the Technology, Facilities, Tutoring Center, Matriculation, Fitness Center Use and Fitness Center Upgrade fees.

**Tuition and fees may change for 2018-19. When known, they will be posted at [lowercolumbia.edu/tuition](http://lowercolumbia.edu/tuition)**

## 2017-2018 Tuition and Fee Schedule

(Facilities Use, Technology, Tutor Center, Fitness Center Upgrade fees included)

# Cr.	A WA State Residents	B Oregon Border Residents	C US Citizens & INS Permanent Residents	D Foreign & US Citizens Not Meeting Req's	E Veterans
1	114.92	123.24	127.40	291.92	94.12
2	229.84	246.48	254.80	583.84	188.24
3	344.76	369.72	382.20	875.76	282.36
4	459.68	492.96	509.60	1,167.68	376.48
5	574.60	616.20	637.00	1,459.60	470.60
6	689.52	739.44	764.40	1,751.52	564.72
7	804.44	862.68	891.80	2,043.44	658.84
8	919.36	985.92	1,019.20	2,335.36	752.96
9	1,034.28	1,109.16	1,146.60	2,627.28	847.08
10	1,149.20	1,232.40	1,274.00	2,919.20	941.20
11	1,206.53	1,293.92	1,337.61	2,983.73	988.07
12	1,263.86	1,355.44	1,401.22	3,048.26	1,034.94
13	1,317.44	1,413.21	1,461.08	3,109.04	1,078.06
14	1,371.02	1,470.98	1,520.94	3,169.82	1,121.18
15	1,424.60	1,528.75	1,580.80	3,230.60	1,164.30
16	1,478.18	1,586.52	1,640.66	3,291.38	1,207.42
17	1,531.76	1,644.29	1,700.52	3,352.16	1,250.54
18	1,585.34	1,702.06	1,760.38	3,412.94	1,293.66
19	1,679.70	1,805.86	1,868.89	3,684.30	1,364.43
20	1,774.06	1,909.66	1,977.40	3,955.66	1,435.20
21	1,868.42	2,013.46	2,085.91	4,227.02	1,505.97
22	1,962.78	2,117.26	2,194.42	4,498.38	1,576.74
23	2,057.14	2,221.06	2,302.93	4,769.74	1,647.51

- **Lab:** Nonrefundable lab fees are collected for certain classes. Where applicable, this fee is shown with class listings in this schedule. Distance Education online courses require a Distance Ed fee of \$6/credit (up to 10 credits) for each class. Distance Education Hybrid and Enhanced classes require a Distance Ed fee of \$3/credit (up to 10 credits).
- **Matriculation:** \$1.50/credit (up to 10 credits).
- **Resident Excess Credit:** Residents pay \$94.36 per credit above 18 credits.
- **Technology:** The chart includes a Technology fee of \$3.75/credit (up to 12 credits). A photo ID card, which serves as your activities card, library card and computer lab card, is issued as part of this fee. The ID card is NOT issued quarterly; it is valid as long as you are at LCC.
- **Transcript:** \$10 fee for each official transcript.
- **Tutoring Center:** The chart includes a fee of \$.50/credit (up to 10 credits), to support the Tutoring Center.
- **Vocational Excess Credit:** Vocational students taking over 18 credits who meet certain requirements pay only \$7 per credit (residents); non-residents over 18 credits pay \$28.

# PAYING FOR COLLEGE

## Applying for Financial Aid

### Who is eligible?

To qualify for Financial Aid you must:

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

Other eligibility issues may be identified in the FAFSA process

### What financial aid is available?

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

### How to apply

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

To receive financial aid, a student MUST complete the FAFSA

1. Review the financial aid steps at [lowercolumbia.edu/finaid](http://lowercolumbia.edu/finaid). To complete the application, a student will need:
  - Social Security Number.
  - Income statements, tax or estimated income tax, bank statement. Visit FAFSA to learn more.
  - LCC's federal school code: 003782
2. Follow the instructions at [fafsa.gov](http://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](http://lowercolumbia.edu/finaid). The applicant will use their Social Security Number and birth date (mm/dd/yy) to log in the first time.

### How do I know if aid is approved? Get my money?

You will be notified of any financial aid awards through the Financial Aid Portal (see Step 3). Read your award notice carefully.

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

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

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

### Financial Aid Hours

Monday-Friday 8 a.m. - 5 p.m.\*

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

## Scholarships

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

Scholarships are based on varied criteria, including:

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

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

Go to [lowercolumbia.edu/scholarships](http://lowercolumbia.edu/scholarships) for more information.

### Looking for your dream job?

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

### Delayed Tuition Payment Options

Need more time to pay your tuition? Here are two options:

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

### Waiting for your Financial Aid funds?

Students who meet the application deadline (August 6 for Fall Quarter 2018) by submitting their application and all required forms are likely to receive a check before the quarter starts and also receive an automatic hold on their classes until finance applies their financial aid to their tuition/fees.

Students who missed the application deadline but complete their file on or before August 27, 2018 are eligible to receive an automatic administrative hold on their classes. However, their check will take 3-6 weeks to process from the date they completed their application and all required forms are submitted.

# UNIVERSITY TRANSFER

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

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

## Associate Degree Transfer Options

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

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

Transfer students graduate in all subjects, including:

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

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

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



## Washington 45

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

### First Year Transfer List

- **Communications** (5 credits) –ENGL& 101, ENGL& 102
- **Quantitative and Symbolic Reasoning** (5 credits) –MATH& 107, MATH& 148 or MATH& 151
- **Humanities** (10 credits in two different subject areas or disciplines) – PHIL& 101, MUSC& 105, DRMA& 101, HIST& 116
- **Social Science** (10 credits in two different subject areas or disciplines) – PSYC& 100, SOC& 101, POLS& 101, POLS& 202, HIST& 117
- **Natural Sciences** (10 credits in two different subject areas or disciplines) – BIOL& 100,\* BIOL& 160\*, ASTR& 101\*, CHEM& 110\*, CHEM& 121\*, CHEM& 161\*, CHEM& 162\*, GEOL& 101\*.

\*Natural Science lab courses.

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

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

2017-18 Annual Tuition & Fees* Comparison	
Lower Columbia College	\$4,274
Washington Public Universities	\$7,140-\$10,974

\* In-state rates

# WORKFORCE PREPARATION

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

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

LCC offers programs in the following professional-technical areas:

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

**Learn more about LCC's Professional-Technical program options at [lowercolumbia.edu/work](http://lowercolumbia.edu/work)**

\*For more information about Gainful Employment programs at LCC, please visit [lowercolumbia.edu/programs/gainful-employment](http://lowercolumbia.edu/programs/gainful-employment)

#### Notification of Title IV Student Complaint Process

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

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



# Veterans' Services

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

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

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

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

## The College participates in the following VA educational programs

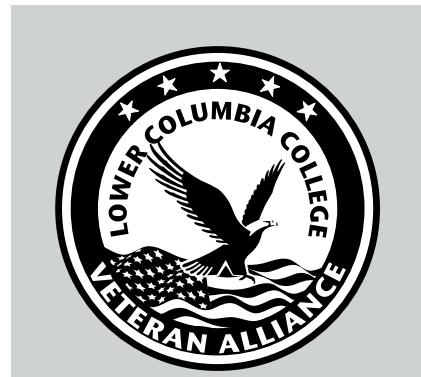
- Post 9/11 GI Bill - Ch 33
- Montgomery GI Bill Active Duty (MGIB-AD) - Ch 30
- Survivors and Dependents Educational Assistance (DEA) - Ch 35
- Montgomery GI Bill Selected Reserve (MGIB-SR) - 1606
- Reserve Educational Assistance Program (REAP) - 1607
- Vocational Rehabilitation and Employment (VR&E)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

## Lower Columbia College Veteran Alliance

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

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

**For more information call 360.442.2346**



## Attend an Upcoming Veteran Briefing

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

Contact Vet Corps Navigator  
Connie O'Brien Larsen  
[cobrienlarsen@lowercolumbia.edu](mailto:cobrienlarsen@lowercolumbia.edu)

[lowercolumbia.edu/veterans](http://lowercolumbia.edu/veterans)  
for more information



## Veterans' Corner

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

# Buying Your Books

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

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early.
- Buy books online at [lowercolumbia.edu/bookstore](http://lowercolumbia.edu/bookstore) and pick them up in-store or have them shipped to your home. **Textbooks will be available online beginning August 6.**



## Bookstore Hours

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

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

## Summer & Fall Book Buyback

*Check Bookstore website for dates and times.*

# Attention LCC Alumni

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

*We look forward to connecting with you!*



**What are you waiting for? Learn more at [lowercolumbia.edu/alumni](http://lowercolumbia.edu/alumni)**

# Does Your Class Use Free Or Inexpensive Textbooks?

Does your class use FREE or INEXPENSIVE textbooks? Alternative Educational Resources (AER) are print or digital, free or inexpensive alternatives to commercial textbooks. AER include course materials that **cost our students less than \$30** to use, and include used textbooks and other physical and digital resources.

Look for this symbol in your class schedule:

## COURSES USING AER – FALL 2018

ANTH& 100 Survey Anthropology:DIV-0975	BUS 150 Customer Service/Management-1605	ENVS 150 Environment & Society:DIV-3015
ANTH& 205 Biological Anthropology-0980	BUS 240 Principles of Supervision-1650	ERSI 105 Earth Systems-3035
ART 130 Introduction to Graphic Design-1045	CHEM& 110 Chemical Concepts w/lab-1765	MUSC 100 Fundamentals of Music-4540
ART 155 Beginning Digital Photo-1050, 1055	CHEM& 121 Introduction to Chemistry-1770	MUSC 115 Group Piano Instruction-4570
ART 295 Art Lab-Photography-1120	CMST& 220 Public Speaking-2200, 2205	MUSC 145 Beginning Voice-4620
BIOL& 160 General Biology-1205, 1210, 1215	CS 170 Programming Fundamentals-2335	MUSC 176 Individual Instruction-Clarinet-4655
BIOL& 211 Majors Biology Cellular-1250	DRMA 116 Stage Crafts I-2465	NUTR& 101 Nutrition-5105, 5110, 5115, 5120, 5125
BIOL& 241 Human Anatomy & Physiology 1-1260, 1265	DRMA 117 Stage Crafts II-2470	PSYC& 100 General Psychology-5415, 5420, 5425, 5440
BIOL& 242 Human Anatomy & Physiology 2-1295	DRMA 118 Stage Crafts III-2475	SOC& 101 Introduction to Sociology:DIV-5485, 5490
BIOL& 260 Microbiology-1310, 1315	ECON 105 Introduction to Economics-2600, 2605	
BUS 100 Foundations of Business Success - 1555, 1560	ENGL 098 College-Ready English I-2695, 2705, 2710, 2715, 2720, 2730	
BUS& 101 Introduction to Business-1680	ENGL 099 College-Ready English II-2750, 2765	
BUS 144 Management Human Relations:DIV-1585, 1590	ENGL& 101 English Composition I-2825, 2835, 2850, 2855, 2860, 2875, 2885, 2890, 2895, 2900, 2910, 2920, 2930, 2945	
	ENGL& 102 Composition II-2950, 2955, 2960	



"Open Textbooks" is licensed under CC BY 3.0

# ONLINE LEARNING @ LCC

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

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

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

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

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

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

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

## Need help with Canvas?

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

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

#### Learn how to:

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

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

## LCC ONLINE CLASSES – FALL 2018

ACCT& 201	Principles of Accounting I	CMST& 220	Public Speaking	MATH 078/079	Pre-College Math I
AH 100	Blood Borne Pathogens and Infection Control	CMST& 230	Small Group Communication	MATH 088/089	Pre-College Math II
ART 226	History of Western Art	COLL 074	Math Success	MATH 098/099	Pre-College Math III
ART& 100	Art Appreciation:DIV	COLL 101	First Year Seminar I	MATH 210	Elements of Statistics
BIOL& 160	General Biology	COLL 102	First Year Seminar II	MATH& 107	Math in Society
BIOL& 241	Human A & P 1	CS 110	Microcomputer Applications	MUSC 119	American Music:DIV
BIOL& 242	Human A & P 2	ECED& 100	Child Care Basics	MUSC& 105	Music Appreciation
BIOL& 260	Microbiology	ECON 105	Intro to Economics	NUTR& 101	Nutrition
BTEC 131	Intro to Spreadsheets	EDUC& 136	School Age Care	OCEA& 101	Intro to Oceanography
BTEC 181	Medical Terminology I	ENGL 098	College-Ready English I	PHED 152	Personalized Fitness
BTEC 182	Medical Terminology II	ENGL 099	College-Ready English II	PHED 252	Personalized Fitness
BUS 144	Management/Human Relations:DIV	ENGL 270	Literature for Children	POLS& 202	American Government
BUS 159	Principles of Retailing	ENGL& 101	English Composition I	PSYC& 100	General Psychology
BUS 206	Statistical Methods	ENGL& 102	Composition II	PSYC& 200	Lifespan Psychology
BUS 240	Principles of Supervision	ERSI 105	Earth Systems	SOC& 101	Intro to Sociology:DIV
BUS& 101	Introduction to Business	GEOL& 208	Geology of Pacific NW	*SPAN& 121	Spanish I:DIV
BUS& 201	Business Law	HIST& 136	US History 1	*SPAN& 122	Spanish II:DIV
CHEM& 110	Chemical Concepts w/lab	HIST& 137	US History 2	*SPAN& 123	Spanish III:DIV
CJ& 110	Criminal Law	HLTH 106	Health and Wellness	*SPAN& 221	Spanish IV
CMST& 210	Interpersonal Communication	HUM 210	Myth and Rites:DIV	*SPAN& 222	Spanish V
		HUM 250	Ethics/Policy Healthcare II	*SPAN& 223	Spanish VI
		HUM 255	Ethics/Policy Healthcare		

\*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](http://www.startnextquarter.org) to find out if you might qualify for special funding programs that help cover college expenses, including textbooks, transportation and childcare. If you pre-qualify, you can sign-up for an information session where you'll learn about available funding programs, determine your eligibility and submit an application. You'll also learn about:

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

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

### Worker Retraining

**360.442.2334**

[lowercolumbia.edu/worker-retraining](http://lowercolumbia.edu/worker-retraining)

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

### Opportunity Grant

**360.442.2338**

[lowercolumbia.edu/opportunity-grant](http://lowercolumbia.edu/opportunity-grant)

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

### Basic Food, Employment & Training (BFET)

**360.442.2332**

[lowercolumbia.edu/bfet](http://lowercolumbia.edu/bfet)

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

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

#### Basic Food, Employment & Training (BFET)

Katie Sully, Educational Planner  
[ksully@lowercolumbia.edu](mailto:ksully@lowercolumbia.edu)

Steve Boyer, Program Coordinator  
[sboyer@lowercolumbia.edu](mailto:sboyer@lowercolumbia.edu)

#### Opportunity Grant

Darren Schwegler, Educational Planner  
[dschwegler@lowercolumbia.edu](mailto:dschwegler@lowercolumbia.edu)

#### Worker Retraining

Crystal Heitz, Educational Planner  
[cheitz@lowercolumbia.edu](mailto:cheitz@lowercolumbia.edu)



## Diversity Classes

To earn a degree at LCC, you must pass a 5-credit Cultural Diversity class.

These courses meet the requirement.

ANTH& 100	Survey of Anthropology	ENGL 245	Contemporary Literature
ANTH 109	American Cultural Diversity	ENGL 246	Rainbow Readers: LGBTQ Literature
ANTH& 206	Cultural Anthropology	ENGL 280	Multicultural Literature
ART& 100	Art Appreciation	ENVS 150	Environment and Society
ART 206	Arts of the Americas	HIST& 126	World Civilization I
ART 207	Arts of the World	HIST& 127	World Civilization II
ART 208	Arts of the Northwest	HIST& 128	World Civilization III
ART 228	History of Western Art	HIST 205	History of East Asia
ASL& 123	American Sign Language III	HIST& 215	Women in U.S. History
BTEC 165	Cultural Awareness for Care Professionals	HUM 104	Ethics and Cultural Values
BUS 144	Management of Human Relations	HUM 164	Cultural Journeys
CHIN& 121	Chinese I	MUSC 117	Myths and Rites
CHIN& 122	Chinese II	MUSC 119	Music Cultures of the World
CHIN& 123	Chinese III	MUSC 209	American Music
CMST 240	Rhetorical Criticism and Popular Culture (was SPCH 209)	SOC& 101	The Blues Culture
CMST 250	Intercultural Communication (Was SPCH 109)	SOC 210	Introduction to Sociology (Includes WAOL's SOC& 101)
EDUC& 205	Introduction to Education w/Field Experience	SOC 225	Human Sexuality
ENGL 140	Introduction to Women Writers	SPAN& 121	Race and Ethnicity
		SPAN& 122	Spanish I
		SPAN& 123	Spanish II
		SPAN& 123	Spanish III

## Fall 2018 Final Exam Schedule (December 4-6)

Use this chart to determine your final exam time. Schedules are online at [lowercolumbia.edu/classes/finals.php](http://lowercolumbia.edu/classes/finals.php)

Class begins between	On these days	Your final exam time will be	On this date
7:00 a.m. - 8:20 a.m.	M, MWF, MW, W, Daily	8:00 a.m. - 10:00 a.m.	December 4
7:00 a.m. - 8:20 a.m.	MTWTh, MTWF, MWThF, TTh	8:00 a.m. - 10:00 a.m.	December 5
9:00 a.m. - 9:50 a.m.	TTh, MTWTh	8:00 a.m. - 10:00 a.m.	December 6
9:00 a.m. - 9:50 a.m.	MWF, MW, Daily	10:10 a.m. - 12:10 p.m.	December 4
9:55 a.m. - 10:50 a.m.	MW, MWF, Daily	10:10 a.m. - 12:10 p.m.	December 5
11:00 a.m. - 11:55 a.m.	MWThF, TTh, MTWTh	10:10 a.m. - 12:10 p.m.	December 6
11:00 a.m. - 11:55 a.m.	MW, MWF, Daily	12:20 p.m. - 2:20 p.m.	December 4
12:00 p.m. - 12:55 p.m.	MW, Daily, MWThF	12:20 p.m. - 2:20 p.m.	December 5
1:00 p.m. - 2:00 p.m.	MWF, MW, W, MTWTh, Daily, MTWF	12:20 p.m. - 2:20 p.m.	December 6
1:00 p.m. - 2:30 p.m.	TTh, Th, T	2:30 p.m. - 4:30 p.m.	December 4
2:40 p.m. - 4:00 p.m.	MWF, MW, M, W	2:30 p.m. - 4:30 p.m.	December 5
2:40 p.m. - 4:00 p.m.	T, TTh	2:30 p.m. - 4:30 p.m.	December 6
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:

**A** = No more than three PHED activity credits may be taken as electives towards a DTA degree.

**D** = Course meets Diversity requirement.

**H** = Course meets distribution credit in Humanities.

**SS** = Course meets distribution credit in Social Science.

**NS** = Course meets distribution credit in Natural Science.

**NSL** = Course meets distribution credits in Natural Science as a lab course.

**P** = Course meets distribution credits as a performance based course.

**¶** = Course is part of the Washington Community Colleges' Common Course Numbering system.

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

**②** = Course uses Open or Alternative Educational Resources/Textbooks cost less than \$30.00

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

## Accounting

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

### ACCT 101 INTRODUCTION TO ACCOUNTING CONCEPTS

▽ 0850 A 5 MWF 11:00a.m.-12:25p.m. AAR 103 STANLEY J

### ACCT 241 INTRODUCTION TO QUICKBOOKS

▽ 0865 A 5 TTh 1:00p.m.-3:00p.m. AAR 108 CUMMINGS D  
Hybrid class; partially online.

### ACCT 244 INDIVIDUAL INCOME TAXATION

▽ 0875 A 5 TTh 9:00a.m.-11:00a.m. AAR 103 CUMMINGS D  
Hybrid class; partially online.

### ACCT & 201 PRINCIPLES OF ACCOUNTING I

▽ 0895 A 5 MW 9:00a.m.-10:25a.m. AAR 103 STANLEY J  
Hybrid class; partially online.

▽ 0900 DE 5 ARR ARR

Online class. No computer lab fee.

## Allied Health

### AH 100 BLOOD BORNE PATHOGENS AND INFECTION CONTROL

▽ 0915 DE 1 ARR ARR SOLADEY V  
Online class.

Course # Course Name

▽ Item# Sec.# Cred.# Days Time Place Instructor

## American Sign Language

### ASL & 121 AM SIGN LANGUAGE I

▽ 1150 A 5 TTh 9:00a.m.-11:15a.m.	HSB 106	MORGAN MA
▽ 1155 B 5 TTh 11:30a.m.-1:45p.m.	HSB 106	MORGAN MA
▽ 1160 C 5 TTh 2:00p.m.-4:15p.m.	HSB 106	MORGAN MA

## Anthropology

### ANTH & 100 SURVEY OF ANTHROPOLOGY:DIV

▽ 0975 A 5 TTh 1:00p.m.-3:15p.m.	AAR 104	D,SS BATEY T
② Uses Alternative Educational Resources.		

### ANTH & 205 BIOLOGICAL ANTHROPOLOGY

▽ 0980 A 5 MWF 11:00a.m.-12:25p.m.	MAN 146	NS BATEY T
② Uses Alternative Educational Resources.		

## Art

### ART & 100 ART APPRECIATION:DIV

▽ 1140 A 5 T 1:30p.m.-3:30p.m.	MAN 146	D,H COOPER R
Hybrid class; partially online.		
▽ 1145 DE 5 ARR ARR	ARR	COOPER R
Online class.		

### ART 101 BEGINNING DRAWING

0985 A 3 MW 9:00a.m.-11:40a.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

0990 B 3 MW 2:00p.m.-4:40p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 102 INTERMEDIATE DRAWING

1000 A 3 MW 9:00a.m.-11:40a.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 103 ADVANCED DRAWING

1010 A 3 MW 9:00a.m.-11:40a.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 106 BASIC DESIGN

1020 A 5 TTh 10:00a.m.-12:15p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80

### ART 107 BASIC DESIGN I

1025 A 5 TTh 2:00p.m.-4:15p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80

### ART 111 BEGINNING PAINTING

1030 A 3 TTh 9:00a.m.-12:20p.m. MAN 103 COOPER R  
Lab Fee: \$5.00  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
<b>ART 112 INTERMEDIATE PAINTING</b>						
▼ 1035 A 3	TTh	9:00a.m.-12:20p.m.	MAN 103	COOPER R		
Lab Fee: \$5.00 <b>⊗</b> Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>ART 113 ADVANCED PAINTING</b>						
▼ 1040 A 3	TTh	9:00a.m.-12:20p.m.	MAN 103	COOPER R		
Lab Fee: \$5.00 <b>⊗</b> Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>ART 130 INTRODUCTION TO GRAPHIC DESIGN</b>						
▼ 1045 A 4	MW	9:00a.m.-11:40a.m.	MAN 118	MYNHIER J		
Lab Fee: \$5.80 <b>◎</b> Uses Alternative Educational Resources.						
<b>ART 155 BEGINNING DIGITAL PHOTO</b>						
▼ 1050 A 5	TTh	12:30p.m.-4:10p.m.	MAN 118	VANDERMATEN		
Lab Fee: \$40.80 <b>◎</b> Uses Alternative Educational Resources.						
<b>ART 162 DIGITAL FUNDAMENTALS ART DESIGN</b>						
▼ 1060 A 4	TTh	9:00a.m.-11:40a.m.	MAN 118	MYNHIER J		
Basic computer skills required.						
Lab Fee: \$26.10						
<b>ART 226 HISTORY OF WESTERN ART</b>						
▼ 1070 DE 5	ARR	ARR	ARR	MYNHIER J		
Online class.						
<b>ART 241 BEGINNING CERAMIC ART</b>						
1075 A 3	MW	1:00p.m.-3:40p.m.	MAN 104	WOODS T		
Lab Fee: \$23.60 <b>⊗</b> Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>ART 242 INTERMEDIATE CERAMIC ART</b>						
1085 A 3	MW	1:00p.m.-3:40p.m.	MAN 104	WOODS T		
Lab Fee: \$32.00 <b>⊗</b> Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>ART 243 ADVANCED CERAMIC ART</b>						
1095 A 3	MW	1:00p.m.-3:40p.m.	MAN 104	WOODS T		
Lab Fee: \$32.00 <b>⊗</b> Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>ART 290 ART STUDIO LAB-CERAMICS</b>						
1115 MM1-3	ARR	ARR	ARR	WOODS T		
Instructor permission required to enroll.						
Lab Fee: \$32.00						
<b>ART 295 ART LAB-PHOTOGRAPHY</b>						
1120 MM1-3	ARR	ARR	ARR	VANDERMATEN		
Instructor permission required to enroll.						
Lab Fee: \$40.80 <b>◎</b> Uses Alternative Educational Resources.						
<b>ART 297 PHOTOSHOP INDEPENDENT STUDY</b>						
1125 MM1-3	ARR	ARR	ARR	VANDERMATEN		
Instructor permission required to enroll.						
<b>ART 299 INDEPENDENT STUDY</b>						
▼ 1130 MM1-3	ARR	ARR	ARR	COOPER R		
Instructor permission required to enroll.						
Lab Fee: \$22.60						
1135 MM2 1-3	ARR	ARR	ARR	KOHLMEIER M		
Instructor permission required to enroll.						
Lab Fee: \$22.60						

## EVENING CLASSES

**ART 101 BEGINNING DRAWING**

0995 N 3 TTh 6:00p.m.-8:40p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 102 INTERMEDIATE DRAWING**

1005 N 3 TTh 6:00p.m.-8:40p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 103 ADVANCED DRAWING**

1015 N 3 TTh 6:00p.m.-8:40p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 155 BEGINNING DIGITAL PHOTO**

1055 N 5 TTh 5:00p.m.-8:40p.m. MAN 118 VANDERMATEN  
Lab Fee: \$40.80

**ART 241 BEGINNING CERAMIC ART**

1080 N 3 MW 6:00p.m.-8:40p.m. MAN 104 WOODS T  
Lab Fee: \$23.60 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 242 INTERMEDIATE CERAMIC ART**

1090 N 3 MW 6:00p.m.-8:40p.m. MAN 104 WOODS T  
Lab Fee: \$32.00 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 243 ADVANCED CERAMIC ART**

1100 N 3 MW 6:00p.m.-8:40p.m. MAN 104 WOODS T  
Lab Fee: \$32.00 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

## Astronomy

## EVENING CLASSES

**ASTR& 101 INTRODUCTION TO ASTRONOMY**

1165 N 5 T 5:30p.m.-7:00p.m. HSB 137 VAZQUEZ J  
Lab included.  
Hybrid class; partially online.

## Automotive Technology

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

**AMTC 104 AUTOMOTIVE ELECTRICAL SYSTEMS**

0935 A 15 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C

**AMTC 216 AUTOMATIC TRANSMISSION**

0945 A 8 MTWTh 7:30a.m.-12:00p.m. DTV 233 ROESKE G

**AMTC 217 POWERTRAINS**

0950 A 6 MTWTh 7:30a.m.-12:00p.m. DTV 233 ROESKE G

**AMTC 299 INDEPENDENT STUDY**

0965 MM1 1-5 ARR ARR ROESKE G  
Instructor permission required to enroll.

0970 MM2 1-5 ARR ARR KILE C  
Instructor permission required to enroll.

## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

## Biology

### BIOLOGY 100 SURVEY OF BIOLOGY

NSL

▼ 1190 A 5 MW 9:00a.m.-10:15a.m. HSB 123 MC CORMICK C  
Students must also enroll in BIOL 100 LA.  
Lab Fee: \$21.50

### BIOLOGY 100 SURVEY OF BIOLOGY—LAB

1195 LA 0 MW 11:00a.m.-12:50p.m. HSB 304 MC CORMICK C

### BIOLOGY 160 GENERAL BIOLOGY

NSL

▼ 1205 A 5 TTh 10:00a.m.-12:00p.m. HSB 123 MYERS L  
Students must also enroll in one of the lab sections, BIOL 160 LA, LB, LC, or LD.  
Students will not be allowed to enroll in one of the DE lab sections.  
Lab Fee: \$11.50 (C) Uses Alternative Educational Resources.

▼ 1210 B 5 MW 11:00a.m.-1:00p.m. HSB 105 MYERS L  
Students must also enroll in one of the lab sections, BIOL 160 LA, LB, LC, or LD.  
Students will not be allowed to enroll in one of the DE lab sections.  
Lab Fee: \$11.50 (C) Uses Alternative Educational Resources.

▼ 1215 DE 5 ARR ARR MYERS L  
Students must also enroll in one of the lab sections, BIOL 160 DEA or DEB.  
Students should be prepared to purchase online lab software called Late Nite Labs.  
The cost for access is \$29.95.  
Online class. (C) Uses Alternative Educational Resources.

### BIOLOGY 160 GENERAL BIOLOGY—LAB

1230 LA 0 Th 11:30a.m.-1:20p.m.	HSB 304	MC CORMICK C
1235 LB 0 F 9:00a.m.-10:50a.m.	HSB 304	STAFF
1240 LC 0 F 11:00a.m.-12:50p.m.	HSB 304	STAFF
1245 LD 0 F 1:00p.m.-2:50p.m.	HSB 304	STAFF
1220 DEA 0 ARR ARR		MYERS L
Online class.		
1225 DEB 0 ARR ARR		MYERS L
Online class.		

### BIOLOGY 211 MAJORS BIOLOGY CELLULAR

NSL

▼ 1250 A 5 TTh 1:00p.m.-2:15p.m. HSB 135 LAPIERRE L  
TTh 2:30p.m.-4:20p.m. HSB 304  
Lab included. Lab Fee: \$21.53 (C) Uses Alternative Educational Resources.

### BIOLOGY 241 HUMAN ANATOMY AND PHYSIOLOGY 1

NSL

▼ 1260 A 5 MWF 11:10a.m.-12:25p.m. HSB 101 MEYERS R  
Students must also enroll in one of the lab sections - BIOL 241 LA, LB, or LC.  
Lab Fee: \$21.53 (C) Uses Alternative Educational Resources.

▼ 1265 DE 5 ARR ARR MEYERS R  
No textbook required for this course. Students must also enroll in one of the lab sections, BIOL 241 DEA or DEB.  
Online class. (C) Uses Alternative Educational Resources.

### BIOLOGY 241 HUMAN ANATOMY AND PHYSIOLOGY 1—LAB

1280 LA 0 T 8:00a.m.-9:50a.m.	HSB 306	STAFF
1285 LB 0 M 1:00p.m.-2:50p.m.	HSB 306	STAFF
1290 LC 0 T 10:00a.m.-11:50a.m.	HSB 306	STAFF
▼ 1270 DEA 0 ARR ARR		MEYERS R
Online class.		
▼ 1275 DEB 0 ARR ARR		MEYERS R
Online class.		

### BIOLOGY 242 HUMAN ANATOMY AND PHYSIOLOGY 2

NSL

▼ 1295 DE 5 ARR ARR ARR MEYERS R  
Prerequisite: BIOL 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. No textbook is required. Students must also enroll in one of the lab sections, DEA or DEB.  
Online class. (C) Uses Alternative Educational Resources.

### BIOLOGY 242 HUMAN ANATOMY AND PHYSIOLOGY 2—LAB

▼ 1300 DEA 0 ARR ARR ARR MEYERS R

Online class.  
▼ 1305 DEB 0 ARR ARR ARR MEYERS R  
Online class.

### BIOLOGY 260 MICROBIOLOGY

NSL

▼ 1310 A 5 TTh 1:30p.m.-2:45p.m. HSB 123 FULLER K  
Students must also enroll in one of the lab sections - BIOL 260 LA or LB.  
Lab Fee: \$26.90 (C) Uses Alternative Educational Resources.

▼ 1315 DE 5 ARR ARR ARR FULLER K  
Students must also enroll in one of the lab sections, BIOL 260 DEA or DEB.  
Lab Fee: \$26.90  
Online class. (C) Uses Alternative Educational Resources.

### BIOLOGY 260 MICROBIOLOGY—LAB

1330 LA 0 TTh 8:00a.m.-9:50a.m.	HSB 302	FULLER K
1335 LB 0 TTh 10:00a.m.-11:50a.m.	HSB 302	FULLER K

▼ 1320 DEA 0 ARR ARR ARR FULLER K  
Online class.

▼ 1325 DEB 0 ARR ARR ARR FULLER K  
Online class.

### BIOLOGY 299 INDEPENDENT STUDY

1180 MM1- 3 ARR ARR ARR MEYERS R

### EVENING CLASSES

### BIOLOGY 160 GENERAL BIOLOGY W/LAB

NSL

▼ 1965 N 5 T 5:15p.m.-7:30p.m. HSB 304 MC CORMICK C  
Lab Fee: \$11.50 Hybrid class; partially online.

## Business Administration

### BUSINESS 100 FOUNDATIONS OF BUSINESS SUCCESS

SS

▼ 1555 A 5 TTh 9:00a.m.-11:00a.m. AAR 105 GAITHER M  
Hybrid class; partially online. (C) Uses Alternative Educational Resources.

▼ 1560 B 5 TTh 1:30p.m.-3:30p.m. AAR 105 GAITHER M  
Hybrid class; partially online. (C) Uses Alternative Educational Resources.

### BUSINESS 101 INTRODUCTION TO BUSINESS

SS

▼ 1675 A 5 T 11:00a.m.-1:00p.m. AAR 108 STUART M  
Hybrid class; partially online.

▼ 1680 DE 5 ARR ARR ARR CUMMINGS D  
Online class. (C) Uses Alternative Educational Resources.

### BUSINESS 104 BUSINESS MATH APPLICATIONS

▼ 1565 A 5 MW 11:00a.m.-12:30p.m. AAR 108 CUMMINGS D  
Hybrid class; partially online.

### BUSINESS 119 BUSINESS COMMUNICATIONS

▼ 1575 A 5 MW 1:00p.m.-3:00p.m. AAR 103 STUART M  
Hybrid class; partially online.

## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
<b>BUS 144</b>	<b>MANAGEMENT OF HUMAN RELATIONS:DIV</b>					<b>D,SS</b>
▼ 1585	A	5	Th	9:00a.m.-11:00a.m.	VOC 116	ALLWINE T
Hybrid class; partially online. <b>②</b> Uses Alternative Educational Resources.						
▼ 1590	DE	5	ARR	ARR	ARR	ALLWINE T
Online class. <b>②</b> Uses Alternative Educational Resources.						
<b>BUS 150</b>	<b>CUSTOMER SERVICE/MANAGEMENT</b>					
▼ 1605	A	5	T	11:00a.m.-1:00p.m.	AAR 103	ALLWINE T
Hybrid class; partially online. <b>②</b> Uses Alternative Educational Resources.						
<b>BUS 159</b>	<b>PRINCIPLES OF RETAILING</b>					
▼ 1615	DE	5	ARR	ARR	ARR	STUART M
Online class.						
<b>BUS&amp; 201</b>	<b>BUSINESS LAW</b>					<b>SS</b>
1690	A	5	TTh	1:00p.m.-3:15p.m.	MAN 145	QUIRK A
▼ 1695	DE	5	ARR	ARR	ARR	QUIRK A
Online class.						
<b>BUS 206</b>	<b>STATISTICAL METHODS</b>					<b>NS</b>
1620	A	5	DAILY	8:00a.m.-8:50a.m.	HSB 107	SWEE R
⊗	Course is cross-listed as BUS 206 and Math 210.					
1625	B	5	MW	1:30p.m.-3:45p.m.	MAN 233	HEBERT M
⊗	Course is cross-listed as BUS 206 and Math 210.					
▼ 1630	DE	5	ARR	ARR	ARR	MALOZZI J
Online class. <b>⊗</b> Course is cross-listed as BUS 206 and Math 210.						
▼ 1635	DE1	5	ARR	ARR	ARR	HEBERT M
Online class. <b>⊗</b> Course is cross-listed as BUS 206 and Math 210.						
▼ 1640	DE2	5	ARR	ARR	ARR	SAMUELS S
Online class. <b>⊗</b> Course is cross-listed as BUS 206 and Math 210.						
<b>BUS 240</b>	<b>PRINCIPLES OF SUPERVISION</b>					
▼ 1650	DE	5	ARR	ARR	ARR	ALLWINE T
Online class. <b>②</b> Uses Alternative Educational Resources.						
<b>BUS 294</b>	<b>CAREER SUCCESS</b>					
▼ 1665	A	2	W	12:00p.m.-12:50p.m.	HSB 107	HOMME S
Hybrid class; partially online.						
<b>EVENING CLASSES</b>						
<b>BUS 206</b>	<b>STATISTICAL METHODS</b>					<b>NS</b>
1645	N	5	TTh	5:15p.m.-7:30p.m.	MAN 146	STAFF
⊗	Course is cross-listed as BUS 206 and Math 210.					

**Business Technology**

If you are enrolled in "P" section, please sign up for individual class orientations in the Business Technology Lab located in Applied Arts 110. You must attend an orientation for your class during the first week of the quarter. A syllabus and progress chart will be provided to you at that time. The BTEC Lab hours are Monday-Friday 9 a.m. to 3:45 p.m., testing is Monday-Thursday 9 a.m. to 2 p.m. and Friday 9 a.m. to 12 p.m. Students must have photo ID to use the computer labs. Unless otherwise noted, a computer lab fee is charged for BTEC Lab courses. Please contact the lab at 360.442.2710 if you have any questions.

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

**BTEC 100 COMPUTER KEYBOARDING**

1350 P 1- 3 ARR ARR AAR 110 GAITHER M

This course is graded on a pass/fail basis only. An orientation is required for this course. Sign up for orientation in AAR 109, Lab 5 or call 360.442.2710. Allow one hour for this orientation.

**BTEC 104 INTRODUCTION TO BUSINESS TECHNOLOGY**

▼ 1355 A 5 MW 9:00a.m.-11:00a.m. AAR 105 GAITHER M

Hybrid class; partially online.

▼ 1360 B 5 MW 1:00p.m.-3:00p.m. AAR 109E GAITHER M

Hybrid class; partially online.

**BTEC 105 KEYBOARDING SPEED/ACCURACY BUILDING**

1375 P 1- 4 ARR ARR AAR 110 GAITHER M

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

**BTEC 111 WORD PROCESSING I**

▼ 1380 A 5 TTh 11:00a.m.-1:00p.m. AAR 105 GAITHER M

Hybrid class; partially online.

**BTEC 130 ELECTRONIC CALCULATORS**

1400 P 1- 2 ARR ARR AAR 110 LEMMONS N

No computer lab fee.

**BTEC 131 INTRODUCTION TO SPREADSHEETS**

▼ 1405 A 5 MW 9:00a.m.-10:25a.m. AAR 109E LEMMONS N

Hybrid class; partially online.

▼ 1410 DE 5 ARR ARR AAR LEMMONS N

No computer lab fee.

Online class.

**BTEC 141 INTRODUCTION DATABASE APPLICATIONS**

▼ 1420 A 5 TTh 11:00a.m.-12:25p.m. AAR 109E LEMMONS N

Hybrid class; partially online.

**BTEC 144 ONENOTE FUNDAMENTALS**

▼ 1425 P 1 ARR ARR AAR 109 LEMMONS N

**BTEC 145 INTRODUCTION TO MS WORD**

▼ 1430 P 1- 5 ARR ARR AAR 110 LEMMONS N

**BTEC 146 POWERPOINT FUNDAMENTALS**

▼ 1435 P 1- 2 ARR ARR AAR 110 LEMMONS N

**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

▼ 1440 P 1- 3 ARR ARR AAR 110 GAITHER M

**Host an International Student!**

If you have a spare room and an open heart, you can provide a home away from home for an international student in our community. As a host, you'll provide room and board and friendship for a student studying at LCC. You'll learn about different cultures while sharing a slice of your American life. Host families come in all shapes and sizes and receive a monthly stipend. For more information, visit [lowercolumbia.edu/international](http://lowercolumbia.edu/international) or email [international@lowercolumbia.edu](mailto:international@lowercolumbia.edu)



## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**BTEC 148 INTRODUCTION TO OUTLOOK**

▼ 1445 A 2 T 10:00a.m.-10:50a.m. AAR 108 HOMME S  
Hybrid class; partially online.

**BTEC 149 INTERNET FUNDAMENTALS**

▼ 1460 P 1 ARR ARR AAR 110 GAITHER M  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**BTEC 150 INTRODUCTION TO GOOGLE APS**

▼ 1465 P 1-3 ARR ARR AAR 110 GAITHER M  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**BTEC 155 WEBSITE MANAGEMENT**

▼ 1470 P 3 ARR ARR AAR 110 GAITHER M

**BTEC 156 INTRODUCTION TO MS VISIO**

▼ 1475 P 2 ARR ARR AAR 110 LEMMONS N

**BTEC 157 INTRODUCTION TO MS PROJECT**

▼ 1480 P 2 ARR ARR AAR 110 LEMMONS N

**BTEC 164 LEGAL ASPECTS OF THE MEDICAL OFFICE**

▼ 1495 P 1-2 ARR ARR AAR 110 LEMMONS N  
No computer lab fee.

**BTEC 171 MEDICAL RECEPTION PROCEDURES**

▼ 1500 A 3 TTh 1:00p.m.-2:15p.m. HSB 244 MILLUS N  
▼ 1505 B 3 TTh 2:30p.m.-3:45p.m. HSB 244 MILLUS N

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 1525 DE 3 ARR ARR ARR RUIZ D  
No computer lab fee.  
Online class.

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 1530 DE 3 ARR ARR ARR RUIZ D  
No computer lab fee.  
Online class.

**BTEC 294 CAREER SUCCESS**

▼ 1545 A 2 W 12:00p.m.-12:50p.m. HSB 107 HOMME S  
Hybrid class; partially online.

**EVENING CLASSES****BTEC 161 INTRODUCTION TO ICD-10 CODING**

▼ 1485 N 5 MW 5:30p.m.-7:30p.m. AAR 103 REIN J  
Hybrid class; partially online.

**Chemical Dependency****EVENING CLASSES**

**CDS 101 INTRODUCTION TO ADDICTIONS & CHEMICAL DEPENDENCY SS**  
1700 N 5 MW 6:00p.m.-8:15p.m. HSB 106 WALTZ M

**CDS 108 COMMUNITY AND SCHOOL-BASED PREVENTION/INTERVENTION**

1705 N 4 FSa 5:15p.m.-8:35p.m. AAR 106 MILLER S  
Class meets Friday and Saturday, Oct. 19 & 20, Nov. 2 & 3, 16 & 17. Friday 5:30-8:00 p.m. and Saturday 9:00 a.m.-4:00 p.m..

**CDS 113 TREATMENT PRINCIPLES AND CHEMICAL DEPENDENCY**

1710 N 3 Th 5:30p.m.-8:10p.m. AAR 106 WALTZ M

**CDS 202 CHEMICAL DEPENDENCY COUNSELING W/DIVERSE POPULATIONS**

1715 N 3 T 5:30p.m.-8:10p.m. MAN 233 CALIMAN J

**CDS 215 GROUP COUNSELING**

1720 N 3 W 5:30p.m.-8:10p.m. MAN 147 MILLER S  
Prerequisite: CDS 101 and 113 with a grade of C or better.

**Chemistry****CHEM& 100 PREPARATORY CHEMISTRY**

▼ 1755 A 5 MWF 11:00a.m.-12:25p.m. HSB 123 HERBELIN A

**CHEM& 110 CHEMICAL CONCEPTS W/LAB**

NSL

▼ 1765 DE 5 ARR ARR PECORE J  
Exams must be proctored for this course, using either the LCC testing center or the online option ProctorU, contact the instructor for more information. CHEM& 110 Lab included. Lab Fee: \$50.00.  
Online class. ⓘ Uses Alternative Educational Resources.

**CHEM& 121 INTRODUCTION TO CHEMISTRY**

NSL

1770 A 5 MWF 10:00a.m.-11:00a.m. HSB 101 WOLFER A  
Students must also enroll in CHEM& 121 LA.  
Lab Fee: \$15.00 ⓘ Uses Alternative Educational Resources.

**CHEM& 121 INTRODUCTION TO CHEMISTRY—LAB**

NSL

1775 LA 0 Th 9:00a.m.-11:50a.m. HSB 332 WOLFER A

**CHEM& 161 GENERAL CHEMISTRY I**

NSL

1790 A 5 MWF 8:55a.m.-9:55a.m. HSB 101 WOLFER A  
Students must also enroll in one of the lab sections, CHEM& 161 LA, LB, or LC.  
Lab Fee: \$26.90

**CHEM& 161 GENERAL CHEMISTRY I—LAB**

NSL

1795 LA 0 T 8:00a.m.-10:50a.m. HSB 332 WOLFER A  
1800 LB 0 T 1:30p.m.-4:20p.m. HSB 332 WOLFER A  
1805 LC 0 W 1:30p.m.-4:20p.m. HSB 332 MC CORMICK C

**CHEM& 261 ORGANIC CHEMISTRY I**

NSL

▼ 1810 A 5 MWF 9:00a.m.-9:50a.m. HSB 104 HERBELIN A  
Students must also enroll in one of the lab sections, CHEM& 261 LA or LB.  
Lab Fee: \$26.90

**CHEM& 261 ORGANIC CHEMISTRY I—LAB**

NSL

1815 LA 0 MW 2:30p.m.-4:20p.m. HSB 329 HERBELIN A  
1820 LB 0 TTh 9:00a.m.-10:50a.m. HSB 329 HERBELIN A

## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

**EVENING CLASSES****CHEM& 100 PREPARATORY CHEMISTRY**

1760 N 5 MW 5:00p.m.-7:15p.m.

HSB 123

GERICK J

**CHEM& 121 INTRODUCTION TO CHEMISTRY**

▼ 1785 N 5 M 5:30p.m.-8:15p.m.  
W 5:30p.m.-8:15p.m.

HSB 105  
HSB 332

NSL

Lab included. Lab Fee: \$15.00

**Communication Studies****CMST 126 COMPETITIVE PUBLIC SPEAKING**

2155 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A

⑩ Course is clustered with other class sections that meet at the same time, in the same classroom.

**CMST 136 INTERCOLLEGiate DEBATE**

2160 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A

⑩ Course is clustered with other class sections that meet at the same time, in the same classroom.

**CMST& 210 INTERPERSONAL COMMUNICATION**

H

▼ 2185 A 5 TTh 8:30a.m.-10:45a.m. RCA 139

NEILL S

▼ 2190 DE 5 ARR ARR

ARR

NEILL S

Online class.

**CMST& 220 PUBLIC SPEAKING**

H

▼ 2195 A 5 TTh 8:30a.m.-10:45a.m. RCA 220

BREHM A

▼ 2200 B 5 MW 11:00a.m.-1:15p.m. RCA 220

NEILL S

⑩ Uses Alternative Educational Resources.

▼ 2205 C 5 MW 8:30a.m.-10:45a.m. RCA 220

NEILL S

⑩ Uses Alternative Educational Resources.

▼ 2210 DE 5 ARR ARR

GORDON S

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

Online class.

▼ 2215 DE1 5 ARR ARR

GORDON S

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

Online class.

▼ 2220 F 5 TTh 1:00p.m.-3:45p.m. RCA 220

BREHM A

**CMST 226 COMPETITIVE PUBLIC SPEAKING**

2165 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A

**CMST& 230 SMALL GROUP COMMUNICATION**

H

▼ 2225 A 5 MW 1:30p.m.-3:45p.m. RCA 220

STAFF

▼ 2230 DE 5 ARR ARR

GORDON S

Online class.

**CMST 236 INTERCOLLEGiate DEBATE**

2170 A 2 MW 4:00p.m.-5:40p.m. RCA 141 BREHM A

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or call 360.442.2130 to learn more

**Computer Science**

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

**CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS**

▼ 2305 A 3 MWF 9:00a.m.-9:50a.m. AAR 110C

ROSI D

▼ 2310 B 3 MWF 11:00a.m.-11:50a.m. AAR 110C

ROSI D

▼ 2315 C 3 TTh 11:00a.m.-12:15p.m. AAR 110C

HOMME S

▼ 2320 DE 3 ARR ARR

ROSI D

Online class. No computer lab fee.

**CS 170 PROGRAMMING FUNDAMENTALS**

2335 A 5 MWF 1:00p.m.-2:40p.m. AAR 105

DERKACHT D

⑩ Uses Alternative Educational Resources.

**CS 270 DATA STRUCTURES I**

2340 A 5 MWF 3:00p.m.-4:25p.m. AAR 105

DERKACHT D

## Cooperative Education

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

This program integrates theories, concepts and methods studied in the classroom with practical skills gained in the workplace. Students may earn one credit for every 33 hours of approved work experience. There is a limit of 1-5 credits per quarter, depending upon specific degree requirements.

To enroll in a Cooperative Education program, students must have prior permission from an instructor in the appropriate program and the Career Connected Learning Coordinator. For information, contact Brian DelMar at 360.442.2310 or bdelmar@lowercolumbia.edu, or stop by the Career Connected Learning Office, Physical Science Building, Room 102B.

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

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

ACCT 288	0885	CJ 288	1830	LIBR 288	3865
ACCT 289	0890	CJ 289	1835	LIBR 289	3870
AH 288	0925	ECED 288	2530	MASP 288	3970
AH 289	0930	ECED 289	2535	MASP 289	3975
AMTC 288	0955	EDUC 288	2635	MATH 288	4310
AMTC 289	0960	EDUC 289	2640	MATH 289	4315
ART 288	1105	ENGR 288	2985	MEDA 288	4495
ART 289	1110	ENGR 289	2990	MEDA 289	4500
BUS 288	1655	ENVS 288	3020	MUSC 288	4875
BUS 289	1660	ENVS 289	3025	MUSC 289	4880
BTEC 288	1535	HLTH 288	3285	PSYC 288	5405
BTEC 289	1540	HLTH 289	3290	PSYC 289	5410
CDS 288	1725	HDEV 288	3210	WELD 288	5950
CDS 289	1730	HDEV 289	3215	WELD 289	5955
CHEM 288	1740	ICP 288	3650		
CHEM 289	1745	ICP 289	3655		
CMST 288	2175	IT 288	3825		
CMST 289	2180	IT 289	3830		

## Criminal Justice

CJ & 101	INTRODUCTION CRIMINAL JUSTICE	1840 A	5	TTh	1:00p.m.-3:15p.m.	HSB 105	HAMILTON A
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CJ & 110	CRIMINAL LAW	1845 A	5	TTh	10:00a.m.-12:15p.m.	PSC 102	QUIRK A
▼	1850 DE	5	ARR	ARR		ARR	QUIRK A

Online class.

## Diesel/Heavy Equipment Technology

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

### DHET 100 ESSENTIALS OF MECHANICS

2345 A 5 MT 9:30a.m.-12:00p.m. DTV 123 ECKLUND K

### DHET 141 HYDRAULICS I

2355 A 4 MT 7:30a.m.-9:10a.m. DTV 106A ECKLUND K

### DHET 142 HYDRAULICS II

2375 A 6 WTh 8:00a.m.-11:20a.m. DTV 123 ECKLUND K

### DHET 215 HEAVY DUTY ENGINE PERFORMANCE

2385 A 15 MTWTh 12:00p.m.-4:35p.m. DTV 106A DILLINGER J

Prerequisite: DHET 102 or instructor permission.

### DHET 216 AUTO/DIESEL TUNE UP AND PERFORMANCE

2390 A 5 MTWTh 12:00p.m.-4:35p.m. DTV 106A DILLINGER J

Prerequisite: DHET 102 or instructor permission.

### DHET 299 INDEPENDENT STUDY

2410 MM1 1-2 ARR ARR ARR DILLINGER J

2415 MM2 1-2 ARR ARR ARR ECKLUND K

## Drama

### DRMA & 101 INTRODUCTION TO THEATRE

H

▼ 2495 A 5 MWF 11:00a.m.-12:25p.m. RCA 139 RICHARD B

### DRMA 106 INTRODUCTION TO ACTING

H,P

▼ 2460 A 5 MWF 1:00p.m.-2:25p.m. RCA 131 RICHARD B

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

### DRMA 116 STAGE CRAFTS I

2465 A 5 TTh 1:30p.m.-3:45p.m. RCA 148 COCHRAN R

⊗ Course is clustered with other class sections that meet at the same time, in the same classroom. ⊗ Uses Alternative Educational Resources.

### DRMA 117 STAGE CRAFTS II

2470 A 5 TTh 1:30p.m.-3:45p.m. RCA 148 COCHRAN R

⊗ Course is clustered with other class sections that meet at the same time, in the same classroom. ⊗ Uses Alternative Educational Resources.

### DRMA 118 STAGE CRAFTS III

2475 A 5 TTh 1:30p.m.-3:45p.m. RCA 148 COCHRAN R

⊗ Course is clustered with other class sections that meet at the same time, in the same classroom. ⊗ Uses Alternative Educational Resources.

### DRMA 206 ACTING I

▼ 2485 A 5 MWF 1:00p.m.-2:25p.m. RCA 131 RICHARD B

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

## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

**EVENING CLASSES****DRMA 196 REHEARSAL & PERFORMANCE I**

▼ 2480 N 1-5 ARR 4:00p.m.-7:30p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.

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

**DRMA 296 REHEARSAL & PERFORMANCE IV**

▼ 2490 N 1-5 ARR 4:00p.m.-7:30p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.

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

**Early Childhood Education****ECED& 100 CHILD CARE BASICS**

▼ 2540 DE 3 ARR ARR ARR JACKSON M  
Online class.

**ECED& 107 HEALTH/SAFETY/NUTRITION**

▼ 2550 A 5 M 12:00p.m.-2:00p.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.

**ECED& 190 OBSERVATION/ASSESSMENT**

▼ 2590 A 3 W 12:00p.m.-1:30p.m. SCI 102 AKINS-FIELDS  
Hybrid class; partially online.

**ECED 261 PRACTICUM IV/PRINCIPLES**

▼ 2520 A 3 W 2:00p.m.-3:00p.m. SCI 102 WILLIAMSON A  
Prerequisite: ENGL& 101, all ECED 100-level courses and EDUC& 114 with a grade of C or better.

**EVENING CLASSES****ECED& 120 PRACTICUM-NURTURING RELATIONSHIPS**

▼ 2565 N 2 M 6:30p.m.-7:30p.m. SCI 102 JACKSON M  
Student will arrange additional hours with instructor.

**ECED& 160 CURRICULUM DEVELOPMENT**

▼ 2575 N 5 T 6:30p.m.-8:30p.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.

**Earth Science****ERSI 104 INTRODUCTION TO EARTH SCIENCE W/LAB**

3030 A 5 MW 12:00p.m.-1:15p.m. HSB 139 NSL SALISBURY M  
TTh 11:30a.m.-1:20p.m. HSB 139

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

**ERSI 105 EARTH SYSTEMS**

▼ 3035 DE 5 ARR ARR ARR BARD E NSL  
Online class. Lab included. ⊗ Uses Alternative Educational Resources.

**Economics****ECON 105 INTRODUCTION TO ECONOMICS**

▼ 2600 A 5 MTWTh 11:00a.m.-11:50a.m. HSB 104 SS FRANZ J  
Hybrid class; partially online. ⊗ Uses Alternative Educational Resources.

▼ 2605 DE 5 ARR ARR ARR FRANZ J  
Online class. ⊗ Uses Alternative Educational Resources.

**ECON& 201 MICRO ECONOMICS**

▼ 2610 A 5 TTh 9:00a.m.-10:25a.m. HSB 101 SS FRANZ J  
Hybrid class; partially online. ⊗ Uses Alternative Educational Resources.

**Education****EDUC& 115 CHILD DEVELOPMENT**

▼ 2650 A 5 T 12:00p.m.-2:00p.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.

**EDUC& 130 GUIDING BEHAVIOR**

▼ 2660 A 3 Th 4:00p.m.-5:30p.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.

**EDUC& 136 SCHOOL AGE CARE**

▼ 2670 DE 3 ARR ARR ARR AKINS-FIELDS  
Online class.

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

▼ 2675 A 5 MW 4:00p.m.-5:30p.m. SCI 102 JACKSON M  
This class includes participation in actual elementary classrooms in addition to class meeting times. Satisfies the Diversity requirement.

**EDUC 215 CLASSROOM MANAGEMENT**

▼ 2630 A 3 T 3:30p.m.-5:00p.m. SCI 102 GRIBSKOV D  
Hybrid class; partially online.

**Engineering**

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

**ENGR& 121 ENGINEERING GRAPHICS I**

2995 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 SKREEN R  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ENGR& 122 ENGINEERING GRAPHICS II**

3000 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 SKREEN R  
Prerequisite: ENGR& 121 or instructor permission. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ENGR& 123 ENGINEERING GRAPHICS III**

3005 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 SKREEN R  
Prerequisite: ENGR& 121 or instructor permission. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ENGR& 214 STATICS**

3010 A 5 MWF 7:30a.m.-8:50a.m. HSB 135 MORRISON D  
Prerequisite: MATH& 151 and either PHYS 251 or ENGR 106.

## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**EVENING CLASSES****ENGR 205 DESIGN OF LOGIC CIRCUITS**

2980 N 5 MW 5:00p.m.-8:05p.m. AAR 105 DERKACHT D  
Prerequisite: MATH& 141 or instructor permission. Lab Fee: \$10.80

**English****ENGL 087 COLLEGE READY INDUSTRIAL COMMUNICATION**

▼ 2680 A 5 MWF 1:30p.m.-2:55p.m. AAR 123 HAYNES J

**ENGL 096 READING WORKSHOP I**

2685 A 2 ARR ARR LEACH M

**ENGL 097 READING WORKSHOP II**

2690 A 2 ARR ARR LEACH M

**ENGL 098 COLLEGE-READY ENGLISH I**

▼ 2695 A 5 DAILY 9:00a.m.-9:50a.m. AAR 129 HAYNES J  
④ Uses Alternative Educational Resources.

▼ 2705 B 5 DAILY 10:00a.m.-10:50a.m. AAR 129 HAYNES J  
④ Uses Alternative Educational Resources.

▼ 2710 DE 5 ARR ARR CONNOLLY B  
Online class. ④ Uses Alternative Educational Resources.

▼ 2715 F 5 MWF 11:00a.m.-12:25p.m. VOC 111 CONNOLLY B  
④ Uses Alternative Educational Resources.

▼ 2720 G 5 DAILY 11:00a.m.-11:50a.m. AAR 129 HAYNES J  
④ Uses Alternative Educational Resources.

▼ 2700 IT 5 MTWTh 9:00a.m.-11:15a.m. MAN 147 BAUER H  
Integrated Studies: Jade Footprints – Chinese Culture in Writing and Arts. Students must enroll in ENGL 098, #2700 or ENGL& 101, #2925, and HUM 164, #3533, for a total of 10 credits. Satisfies the Diversity requirement. ④ Uses Alternative Educational Resources.

▼ 2730 L 5 MWF 9:00a.m.-10:25a.m. VOC 111 CONNOLLY B  
④ Uses Alternative Educational Resources.

**ENGL 099 COLLEGE-READY ENGLISH II**

▼ 2750 DE 5 ARR ARR CONNOLLY B  
Prerequisite: ENGL 098 with a grade of C or better.  
Online class. ④ Uses Alternative Educational Resources.

▼ 2765 H 5 MWF 11:00a.m.-12:25p.m. VOC 116 RISTER M

Prerequisite: ENGL 098 with a grade of C or better. ④ Uses Alternative Educational Resources.

**ENGL& 101 ENGLISH COMPOSITION I**

▼ 2825 A 5 DAILY 8:00a.m.-8:50a.m. MAN 147 RISTER M  
④ Uses Alternative Educational Resources.

▼ 2835 B 5 TTh 8:30a.m.-10:45a.m. AAR 128 LEAVENS A  
A \$10 fee for Lumen Learning will be charged. ④ Uses Alternative Educational Resources.

▼ 2845 DE 5 ARR ARR ARR LEMIERE A  
Online class.

▼ 2850 DE1 5 ARR ARR ARR HEGMANN E  
Online class. ④ Uses Alternative Educational Resources.

▼ 2855 DE2 5 ARR ARR ARR HEGMANN E  
Online class. ④ Uses Alternative Educational Resources.

▼ 2860 DE3 5 ARR ARR ARR HEGMANN E  
Online class. ④ Uses Alternative Educational Resources.

▼ 2865 E 5 TTh 2:30p.m.-3:45p.m. AAR 123 BAUER H

▼ 2870 F 5 TTh 11:00a.m.-1:15p.m. DTV 214 YUND J

▼ 2875 G 5 MWF 11:00a.m.-12:25p.m. DTV 214 LEAVENS A  
④ Uses Alternative Educational Resources.

▼ 2880 H 5 MWF 9:00a.m.-10:25a.m. AAR 130 HULL K

▼ 2885 I 5 TTh 11:30a.m.-1:15p.m. MAN 119 NORWOOD K  
④ Uses Alternative Educational Resources.

▼ 2925 IT 5 MTWTh 9:00p.m.-11:15a.m. MAN 147 BAUER H

Integrated Studies: Jade Footprints – Chinese Culture in Writing and Arts. Students must enroll in ENGL 098, #2700 or ENGL& 101, #2925, and HUM 164, #3533, for a total of 10 credits. Satisfies the Diversity requirement.

▼ 2895 J 5 MW 11:30a.m.-1:15p.m. MAN 119 NORWOOD K  
④ Uses Alternative Educational Resources.

▼ 2900 K 5 MW 1:30p.m.-3:45p.m. AAR 130 NORWOOD K  
④ Uses Alternative Educational Resources.

▼ 2905 L 5 MWF 11:00a.m.-12:25p.m. AAR 130 HULL K

▼ 2910 M 5 TTh 1:30p.m.-3:45p.m. AAR 130 LEMIERE A  
④ Uses Alternative Educational Resources.

▼ 2920 O 5 MW 1:30p.m.-3:45p.m. AAR 129 DIGERLANDO N  
④ Uses Alternative Educational Resources.

▼ 2890 P 5 TTh 8:30a.m.-10:45a.m. MAN 119 NORWOOD K  
④ Uses Alternative Educational Resources.

▼ 2930 U 5 TTh 9:00a.m.-11:15a.m. AAR 130 LEMIERE A  
④ Uses Alternative Educational Resources.

▼ 2935 V 5 TTh 9:00a.m.-11:15a.m. MAN 145 DAWKINS W  
④ Uses Alternative Educational Resources.

▼ 2940 W 5 DAILY 9:00a.m.-9:50a.m. DTV 214 STAFF  
④ Uses Alternative Educational Resources.

▼ 2945 X 5 TTh 1:30p.m.-3:45p.m. DTV 214 NORWOOD K  
④ Uses Alternative Educational Resources.

**ENGL& 102 COMPOSITION II**

▼ 2950 A 5 W 1:30p.m.-3:30p.m. AAR 128 LEAVENS A  
Hybrid class; partially online. A \$10 fee for Lumen Learning will be charged for this class. ④ Uses Alternative Educational Resources.

▼ 2955 B 5 MW 8:30a.m.-10:45a.m. AAR 128 LEAVENS A  
A \$10 fee for Lumen Learning will be charged for this class. ④ Uses Alternative Educational Resources.

▼ 2960 C 5 TTh 11:00a.m.-1:15p.m. AAR 128 LEAVENS A  
A \$10 fee for Lumen Learning will be charged for this class. ④ Uses Alternative Educational Resources.

▼ 2965 DE 5 ARR ARR ARR MCCARTHY D  
Online class.

▼ 2970 DE1 5 ARR ARR ARR MCCARTHY D  
Online class.

**ENGL 106 NW VOICES CREATIVE WRITING**

▼ 2780 A 2 W 11:30a.m.-1:10p.m. MAN 149 BAUER H

**ENGL 110 INDUSTRIAL COMMUNICATION**

▼ 2785 A 5 TTh 1:30p.m.-3:45p.m. AAR 128 DIGERLANDO N

Receive Emergency Text Alerts from LCC  
**lowercolumbia.edu/alerts**



# Fall Events at Lower Columbia College



## ROSE CENTER FOR THE ARTS

### ART GALLERY

Charlie Haughey  
July 11 - August 15  
Reception: July 10, 4-6 p.m.

•••

Anne-Marie Carr  
September 19 - October 11  
Reception: Sept. 18, 4-6 p.m.

•••

Hart James  
October 31 - November 29  
Reception: Oct. 30, 4-6 p.m.

[lowercolumbia.edu/gallery](http://lowercolumbia.edu/gallery)

### THEATRE

*Coming Soon!*

Fall Production TBA  
Center Stage Theatre

Friday, November 9	7:30 p.m.
Saturday, November 10	7:30 p.m.
Sunday, November 11	2:00 p.m.
Thursday, November 15	7:30 p.m.
Friday, November 16	11:00 a.m.
Friday, November 16	7:30 p.m.
Saturday, November 17	7:30 p.m.

[lowercolumbia.edu/aande](http://lowercolumbia.edu/aande)

### CONCERTS

**Symphonic Band**  
November 20

**Jazz Night**  
November 27

**Choir Concert**  
November 30

Performances at 7:30 p.m.  
Wollenberg Auditorium  
[lowercolumbia.edu/aande](http://lowercolumbia.edu/aande)

## National Theatre Live at the Rose Center for the Arts

Experience Britain's most acclaimed stage productions through National Theatre Live, a groundbreaking project to present world-class theatre in cinemas around the world.

Tickets available online and at Rose Center Box Office one hour prior to performance.

Visit [lowercolumbia.edu/ntlive](http://lowercolumbia.edu/ntlive) for more information, including a schedule of events.



**National  
Theatre  
Live**

## ***Take college courses (tuition-free!) while in high school***

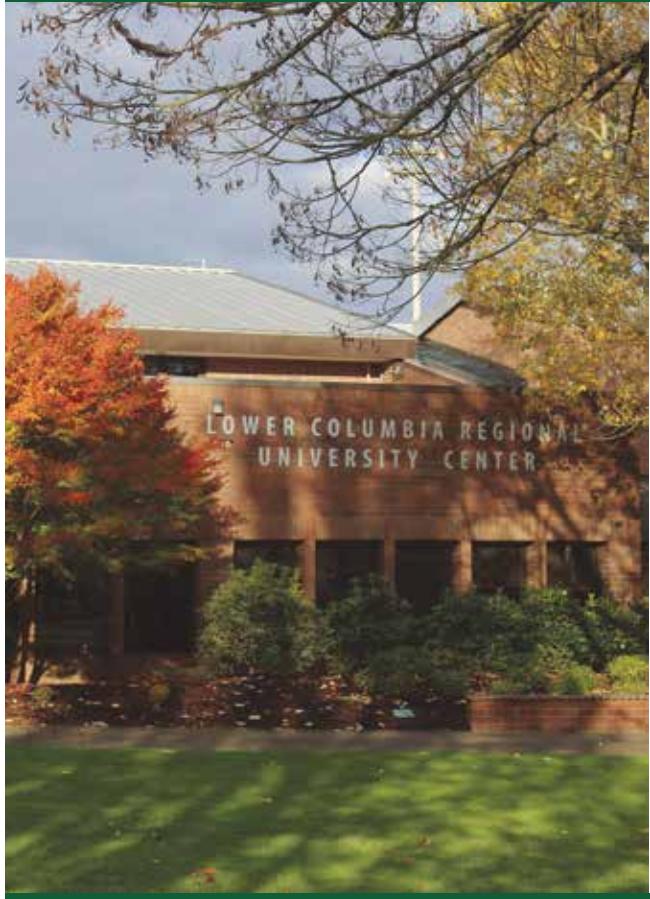
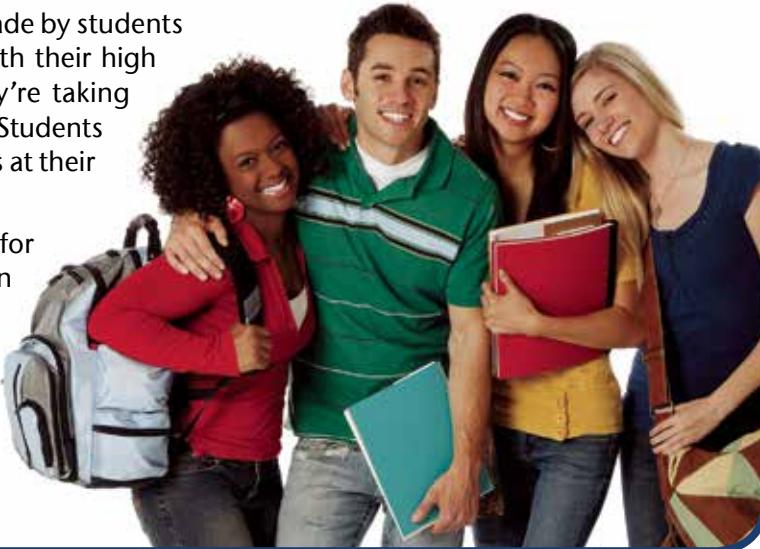
**Running Start** is a statewide program—authorized by the Washington State Legislature—that allows high school juniors and seniors to attend LCC tuition free. Students can attend both their high school and LCC, or just LCC. Students receive both high school and college credit for classes completed at the college. College credits are paid for by the high school.

The decision to enroll in Running Start is made by students and their families.\* Students coordinate with their high school advisors to ensure the classes they're taking fulfill high school graduation requirements. Students can participate in sports and other activities at their high schools while in Running Start.

Students in Running Start are responsible for mandatory fees, books and transportation to the campus. Many classes are available online as well as on campus.

Learn more at [lowercolumbia.edu/running-start](http://lowercolumbia.edu/running-start) or call 360.442.2442.

\* Please see [lowercolumbia.edu/running-start](http://lowercolumbia.edu/running-start) for program eligibility requirements.



**Don't let  
DISTANCE  
keep you from earning your  
BACHELOR'S DEGREE  
or Graduate**

Earn your bachelor's or graduate degree through the Lower Columbia Regional University Center without leaving home. Dozens of degree options are available through a number of university partners. Flexible scheduling is available to help you balance work and family commitments while pursuing the degree that's right for you.

Learn more at [lowercolumbia.edu/u-center](http://lowercolumbia.edu/u-center) or call 360.353.7800.

## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor	H
ENGL 124	ARTS MAGAZINE PUBLICATION I						H,P
▼ 2790	A	2	F	1:00p.m.-3:40p.m.	AAR 146	HULL K	
Students must arrange one additional hour lab time per week.							
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.							
ENGL 224	ARTS MAG PUBLICATION IV						H,P
▼ 2800	A	2	F	1:00p.m.-3:40p.m.	AAR 146	HULL K	
Students must arrange one additional hour lab time per week.							
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.							
ENGL 231	CREATIVE WRITING						H
▼ 2805	A	5	TTH	1:30p.m.-3:45p.m.	AAR 129	HULL K	
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.							
ENGL 232	CREATIVE WRITING						H
▼ 2810	A	5	TTH	1:30p.m.-3:45p.m.	AAR 129	HULL K	
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.							
ENGL 233	CREATIVE WRITING						H
▼ 2815	A	5	TTH	1:30p.m.-3:45p.m.	AAR 129	HULL K	
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.							
ENGL 270	LITERATURE FOR CHILDREN						H
▼ 2820	DE	5	ARR	ARR		MCCARTHY D	
Online class.							

## EVENING CLASSES

ENGL& 101	ENGLISH COMPOSITION I						
▼ 2915	N	5	T	5:15p.m.-7:30p.m.	MAN 147	STAFF	
Hybrid class; partially online.							
ENGL& 102	COMPOSITION II						
▼ 2975	N	5	W	5:15p.m.-7:30p.m.	AAR 130	WALKER N	
Hybrid class; partially online.							

## Environmental Science

ENVS 150	ENVIRONMENT & SOCIETY:DIV						D,NS
▼ 3015	HB	5	W	1:00p.m.-2:50p.m.	HSB 135	LAPIERRE L	

Hybrid class; partially online. **④** Uses Alternative Educational Resources.

## Geology

GEOL& 101	INTRODUCTION PHYSICAL GEOLOGY						NSL
3155	A	5	MW	2:00p.m.-3:15p.m.	HSB 139	SALISBURY M	
			TTH	2:00p.m.-3:40p.m.	HSB 139		

Lab Fee: \$19.30

GEOL& 208	GEOLOGY OF PACIFIC NW						NSL
▼ 3160	DE	5	ARR	ARR		DAWES R	

Online class. Lab included.

## History

HIST& 126	WORLD CIVILIZATION I:DIV						D,H
▼ 3230	A	5	TTh	1:00p.m.-3:15p.m.	MAN 235		SHAH C
Students must arrange one additional hour lab time per week.							
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.							
HIST& 136	US HISTORY 1						SS
▼ 3235	A	5	MWF	11:00a.m.-12:25p.m.	MAN 145		SHAH C
3240	B	5	TTh	9:00a.m.-11:15p.m.	HSB 105		STAFF
▼ 3250	DE	5	ARR	ARR		ARR	VAUGHN C
Online class.							
HIST& 137	US HISTORY 2						SS
▼ 3255	A	5	MW	9:00a.m.-11:15a.m.	MAN 119		SALZMAN A
▼ 3260	DE	5	ARR	ARR		ARR	SHAH C
Online class.							

## Health

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

HLTH 100	OCCUPATIONAL SAFETY AND HEALTH						
3265	A	3	MW	11:00a.m.-12:15p.m.	DTV 202		JOHNSON B
▼ 3270	HB	3	ARR	ARR		DTV 202	JOHNSON B
The 1st Aid/CPR session will be held on Saturday, October 6 from 8:00 a.m. to 5:00 p.m. in DTV 202.							
Hybrid class; partially online.							
HLTH 105	FIRST AID/CPR/BLOOD BORNE PATHOGENS						
3283	A	1	F	1:00p.m.-2:50p.m.	DTV 202		JOHNSON B
Class meets 9/21, 9/28, 10/5, and 10/12.							
HLTH 106	HEALTH AND WELLNESS						
▼ 3280	DE	2	ARR	ARR		ARR	ROSS E
Students must log into canvas for class instructions and syllabus.							
Online class.							

## Human Development

HDEV 120	INDIVIDUAL & GROUP RELATIONS						
3200	A	1-2	M	ARR		ARR	HOGUE J

Instructor permission required to enroll.

## Humanities

HUM 106	COMMUNITY CONVERSATIONS						
▼ 3585	A	1	Th	12:00p.m.-12:50p.m.	HSB 101		SHAH C
Topic - TBD							
HUM 107	HOW TO SEE A PLAY						
▼ 3590	A	1	ARR	ARR		ARR	RICHARD B
Class will meet Thursday, November 16th at 7 p.m. at the Center Stage Theatre.							
Hybrid class; partially online.							
HUM 116	HUMANITIES I						
3640	A	5	MWF	1:00p.m.-2:25p.m.	MAN 146		LEACH M
HUM 150	ETHICS AND POLICY IN HEALTHCARE I						
▼ 3595	A	1	M	1:00p.m.-3:00p.m.	HSB 221		HAMER J
Hybrid class; partially online. Instructor permission required to enroll. Restricted to Nursing students. Class meets on 09/17/18 and 11/26/18.							

## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

**HUM 164 CULTURAL JOURNEYS: DIV** D,H

▼ 3533 IT 5 MTWTh 9:00a.m.-11:00a.m. MAN 147 DIGERLANDO N  
Integrated Studies: Jade Footprints – Chinese Culture in Writing and Arts. Students must enroll in ENGL 098, #2700 or ENGL& 101, #2925, and HUM 164, #3533, for a total of 10 credits. Satisfies the Diversity requirement.

**HUM 210 MYTH AND RITES:DIV** D,H

3605 A 5 TTh 1:00p.m.-3:15p.m. PSC 102 LEACH M

▼ 3610 DE 5 ARR ARR LEACH M  
Online class.

**HUM 250 ETHICS AND POLICY IN HEALTHCARE II**

▼ 3615 DE 2 ARR ARR STAFFORD K  
Online class. Instructor permission required to enroll. Restricted to Nursing students.

**HUM 251 ETHICS AND POLICY IN HEALTHCARE III**

▼ 3620 A 2 F ARR AAR WARD A  
Hybrid class; partially online. Instructor permission required to enroll. Restricted to Nursing students.

**HUM 255 ETHICS AND POLICY IN HEALTHCARE**

▼ 3625 DE 5 ARR ARR NORTON T  
Online class. Instructor permission required to enroll. Restricted to Nursing students.

▼ 3630 DE1 5 ARR ARR STAFFORD K  
Online class. Instructor permission required to enroll. Restricted to Nursing students.

▼ 3635 DE2 1 ARR ARR NORTON T  
Online class. Instructor permission required to enroll. Restricted to Nursing students.

## Information Technology

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

**IT 100 IT FUNDAMENTALS**

▼ 3795 A 5 Th 11:00a.m.-1:00p.m. VOC 119 RIJNHART S  
Hybrid class; partially online. Students must log into class prior to first Thursday.

**IT 111 INTRODUCTION TO WINDOWS**

3800 A 4 MW 9:00a.m.-11:15a.m. VOC 116 DERKACHT D

**IT 141 PC TECHNICIAN I**

▼ 3810 A 4 Th 1:00p.m.-2:25p.m. VOC 119 RIJNHART S  
Hybrid class; partially online.

**IT 211 INTRODUCTION TO NETWORKING**

▼ 3815 A 5 T 1:00p.m.-3:05p.m. VOC 119 RIJNHART S  
Prerequisite: CS 144 or instructor permission.  
Hybrid class; partially online.

**IT 230 DATABASE DEVELOPMENT**

▼ 3820 A 5 TTh 9:00a.m.-11:00a.m. AAR 110C ROSI D  
Hybrid class; partially online.

**IT 294 CAREER SUCCESS**

▼ 3835 A 2 W 12:00p.m.-12:50p.m. HSB 107 HOMME S  
Hybrid class; partially online.

## Integrative Studies



photo by Noël Zia Lee

## *Jade Footprints: Chinese Culture in Writing and Arts*

**Monday-Thursday, 9 a.m.-11 a.m.**

**Instructors: Hiedi Bauer, Nicole DiGerlando**

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

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

**Sign up for:**

**ENGL 098, item 2700,  
College-Ready English I, 5 credits**

**or**

**ENGL& 101, item 2925,  
English Composition I, 5 credits**

**and**

**HUM 164, item 3533,  
Cultural Journeys:DIV, 5 credits**

## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

## Machine Trades

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

### MASP 107 MACHINING FOR RELATED OCCUPATIONS

3875 A 2-6 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

Note: This course may be taken for 2-6 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 111 MACHINE SHOP I

3885 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

Note: This course may be taken for 2-10 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 112 MACHINE SHOP II

3900 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 107 and/or MASP 111. Note: This course may be taken for 2-10 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 113 MACHINE SHOP III

3910 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 112. Note: This course may be taken for 2-10 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 114 MACHINE SHOP IV

3920 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 113. Note: This course may be taken for 2-10 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 204 CNC MACHINING CENTER FUNDAMENTALS

3930 MK 3 ARR ARR ARR

TODD K

This section is self-paced. See instructor.

### MASP 205 CNC MACHINING CENTER FUNDAMENTALS

3935 MK 3 ARR ARR ARR

TODD K

This section is self-paced. See instructor.

### MASP 221 CNC MILLING

3940 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 204. Note: This course may be taken for 2-10 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 222 CNC TURNING

3950 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 205. Note: This course may be taken for 2-10 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 223 ADVANCED CNC PROCESSES

3960 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 221 or MASP 222. Note: This course may be taken for 2-10 credits only. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 299 INDEPENDENT STUDY

3980 MM1-2 ARR ARR

ARR

TODD K

## EVENING CLASSES

### MASP 107 MACHINING FOR RELATED OCCUPATIONS

3880 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

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

### MASP 111 MACHINE SHOP I

3895 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

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

### MASP 112 MACHINE SHOP II

3905 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 107 and/or MASP 111. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 113 MACHINE SHOP III

3915 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 112. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 114 MACHINE SHOP IV

3925 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 113. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

## Manufacturing

### MFG 100 FOUNDATIONAL SKILLS FOR THE TRADES

4219 A 3 TTh 3:00p.m.-4:30p.m. VOC 111

STAFF

### MFG 105 INDUSTRIAL SAFETY

4220 A 3 MW 3:00p.m.-4:30p.m. VOC 112

STAFF

### MFG 115 MANUFACTURING PROCESS

4525 A 5 DAILY 12:00p.m.-12:50p.m. VOC 113

SHEPHERD N

Computer lab fee will be charged.

Lab Fee: \$27.10

### MFG 130 MATERIAL SCIENCE

4185 A 5 TTh 1:00p.m.-3:05p.m. DTV 214

TODD K

### MFG 140 HYDRAULICS

4535 A 4 MT 7:30a.m.-9:10a.m. DTV 106A ECKLUND K

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

### Try out our FREE online math placement prep course created by our LCC faculty

YouPrep reviews whole numbers, integers, decimals, fractions, linear equations and graphs, systems of equations, factoring, quadratics, radicals, and rationals.

YouPrep users who achieve at least 3 hours of online practice will receive a 3rd retest!

Sign up for an account today at

[lowercolumbia.edu/YouPrep](http://lowercolumbia.edu/YouPrep)

or call 360.442.2353

**Course # Course Name**

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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## Mathematics

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.

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

Online homework and electronic textbook for all MATH 078/079, 088/089, 098/099, 141, 142, 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](mailto: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 NUMBER**

3995 A 1 DAILY 10:00a.m.-10:50a.m.	AAR 102	SKEIE M
▼ 4005 P 1 DAILY ARR	AAR 110	MAC

Hybrid class; partially online.

**MATH 078 PRE-COLLEGE MATH I**

3996 A 3 DAILY 10:00a.m.-10:50a.m.	AAR 102	SKEIE M
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**MATH 078/079 PRE-COLLEGE MATH I — 5 Credits**

4015 and 4016 B DAILY 8:00a.m.-8:50a.m.	AAR 102	SKEIE M
4020 and 4021 C DAILY 9:00a.m.-9:50a.m.	VOC 112	BYKER B
▼ 4025 and 4070 DE ARR ARR	ARR	MAC
4030 and 4031 E DAILY 10:00a.m.-10:50a.m.	VOC 112	BYKER B
4035 and 4036 F DAILY 11:00a.m.-11:50a.m.	AAR 123	BRIEN R
4045 and 4046 H DAILY 1:00p.m.-1:50p.m.	AAR 102	SKEIE M
▼ 4055 and 4105 P DAILY ARR	AAR 110	MAC

Hybrid class; partially online.

**MATH 087/097 ESSENTIAL PRE-COLLEGE MATH II—6 Credits**

4110 and 4111 A MWF 8:00a.m.-8:50a.m.	HSB 104	SKEIE T
TTh 8:00a.m.-10:15a.m.	HSB 104	SKEIE T
4115 and 4116 B MWF 11:00a.m.-11:50a.m.	HSB 107	MALOZZI J
TTh 11:00a.m.-1:15p.m.	HSB 107	MALOZZI J
4120 and 4121 C MWF 1:00p.m.-1:50p.m.	HSB 104	SAMUELS S
TTh 1:00p.m.-3:15p.m.	HSB 104	SAMUELS S

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

▼ 4125 and 4126 DE ARR ARR	ARR	MAC
▼ 4140 and 4170 P DAILY ARR	AAR 110	MAC

Hybrid class; partially online.

4150 and 4151 S DAILY 11:00a.m.-11:50a.m.	AAR 106	SWEER R
4155 and 4156 U DAILY 8:00a.m.-8:50a.m.	AAR 106	BABBICK L

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

▼ 4210 and 4211 DE ARR ARR	ARR	MAC
▼ 4215 and 4240 P DAILY ARR	AAR 110	MAC
Hybrid class; partially online.		
4225 and 4226 W DAILY 11:00a.m.-11:50a.m.	AAR 102	STAFF
4230 and 4231 X MWF 9:00a.m.-10:25a.m.	AAR 123	MORRISON D

### College-Level Math

**MATH 106 INDUSTRIAL MATH**

4265 A 5 MWF 1:30p.m.-2:55p.m.	AAR 106	BRIEN R
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**MATH & 107 MATH IN SOCIETY**

4340 A 5 DAILY 9:00a.m.-9:50a.m.	HSB 107	NS
Prerequisite: MATH 099 with a grade of C or better.		

**▼ 4345 B 5 MWF 1:30p.m.-2:55p.m.**

Prerequisite: MATH 099 with a grade of C or better.		
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**▼ 4350 DE 5 ARR ARR**

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

**MATH 125 APPLIED COLLEGE ALGEBRA**

4275 A 5 MWF 1:30p.m.-2:55p.m.	MAN 145	NS
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**MATH & 131 MATH FOR ELEMENTARY EDUCATION 1**

▼ 4355 A 5 MWF 9:00a.m.-10:50a.m.	AAR 106	SAMUELS S
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**MATH & 141 PRECALCULUS I**

4360 A 5 MWF 9:00a.m.-10:25a.m.	PSC 104	NS
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4365 B 5 MWF 10:30a.m.-11:55p.m.	PSC 102	STAFF
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4370 C 5 MWF 1:30p.m.-2:55p.m.	PSC 102	BENJAMIN B
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**MATH & 142 PRE-CALCULUS II**

4380 A 5 MWF 10:30a.m.-11:55a.m.	HSB 106	STAFF
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HEBERT M		
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## MATH BOOT CAMP

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

At the boot camp you will:

- Review important math concepts
- Learn test-taking strategies
- Discuss tips to overcoming math anxiety
- Learn about My Math Lab

Registration is required. Register online at [lowercolumbia.edu/math-boot-camp](http://lowercolumbia.edu/math-boot-camp), call 360.442.2353, or sign up in person at the Testing Office in the Admissions Center.

### Single Evening Session

**May 30, 5-8 p.m.**

**July 25, 5-8 p.m.**

### 2 Day Intensive Session

**June 11 & 12, 9 a.m.-12 p.m.**

**August 20 & 21, 9 a.m.-12 p.m.**

## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
<b>MATH &amp; 151 CALCULUS I</b>						
4390 A	5	DAILY	11:30a.m.-12:20p.m.	PSC 104		NS
4400 B	5	DAILY	10:00a.m.-10:50a.m.	HSB 107		DRAUS D MALOZZI J
<b>MATH 210 ELEMENTS OF STATISTICS</b>						
4280 A	5	DAILY	8:00a.m.-8:50a.m.	HSB 107		SWEE R
⊗ Course is cross-listed as BUS 206 and Math 210.						
4285 B	5	TTh	1:30p.m.-3:45p.m.	MAN 233		HEBERT M
⊗ Course is cross-listed as BUS 206 and Math 210.						
▼ 4290 DE	5	ARR	ARR			ARR
Online class. ⊗ Course is cross-listed as BUS 206 and Math 210.						MALOZZI J
▼ 4295 DE1	5	ARR	ARR			ARR
Online class. ⊗ Course is cross-listed as BUS 206 and Math 210.						HEBERT M
▼ 4300 DE2	5	ARR	ARR			ARR
Online class. ⊗ Course is cross-listed as BUS 206 and Math 210.						SAMUELS S
<b>MATH &amp; 254 CALCULUS IV</b>						
4415 A	5	MWF	12:30p.m.-1:55p.m.	PSC 104		NS
						DRAUS D

## EVENING CLASSES

<b>MATH 078/079 PRE-COLLEGE MATH I — 5 Credits</b>						
4050 and 4051 N	MW		5:15p.m.-7:30p.m.	AAR 104		BRIEN R
<b>MATH 088/089 PRE-COLLEGE MATH II — 5 Credits</b>						
4135 and 4136 N	TTh		5:15p.m.-7:30p.m.	AAR 123		BRIEN R
<b>MATH 210 ELEMENTS OF STATISTICS</b>						
4305 N	5	TTh	5:15p.m.-7:20p.m.	MAN 146		STAFF

## Medical Assisting

<b>MEDA 101 MEDICAL VOCABULARY I</b>						
▼ 4420 A	3	MW	1:30p.m.-2:45p.m.	HSB 244		ENGEL E
<b>MEDA 120 SURVEY OF ANATOMY AND PHYSIOLOGY</b>						
▼ 4440 A	5	TTh	8:30a.m.-10:45a.m.	HSB 244		SOLADEV V
<b>MEDA 122 LAW &amp; ETHICS FOR THE MEDICAL OFFICE</b>						
▼ 4450 A	3	MW	3:30p.m.-4:45p.m.	HSB 244		ENGEL E
<b>MEDA 161 EXAMINING ROOM PROCEDURES I</b>						
▼ 4460 A	4	M	8:30a.m.-11:00a.m.	HSB 244	SOLADEV V	
Program Director's permission required to enroll. Students must also enroll for one of the lab sections, MEDA 161 LA or LB.						
Lab Fee: \$37.00						
<b>MEDA 161 EXAMINING ROOM PROCEDURES I—LAB</b>						
4470 LA	0	W	8:30a.m.-10:10a.m.	HSB 244	SOLADEV V	
4475 LB	0	W	10:30a.m.-12:10p.m.	HSB 244	SOLADEV V	
<b>MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTING</b>						
▼ 4490 DEM	2	ARR	ARR			SOLADEV V
Online class.						

## Music

<b>MUSC 100 FUNDAMENTALS OF MUSIC</b>						
▼ 4540 A	5	Th	10:00a.m.-12:00p.m.	RCA 102		DAVIS R
Hybrid class; partially online. ⊗ Uses Alternative Educational Resources.						
<b>MUSC 101 THEORY/MUSICIANSHIP I</b>						
▼ 4545 A	5	MWF	10:00a.m.-11:25a.m.	RCA 218		DAVIS R
Concurrent enrollment in MUSC 111 required.						
<b>MUSC &amp; 105 MUSIC APPRECIATION</b>						
▼ 4885 DE	5	ARR	ARR		ARR	CHALLED G
Online class.						
<b>MUSC 106 KEYBOARD SKILLS I</b>						
▼ 4550 A	1	Th	1:00p.m.-2:30p.m.	RCA 221		DAVIS R
Instructor permission required to enroll.						
Hybrid class; partially online. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>MUSC 107 KEYBOARD SKILLS II</b>						
▼ 4555 A	1	Th	1:00p.m.-2:30p.m.	RCA 221		DAVIS R
Instructor permission required to enroll.						
Hybrid class; partially online. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>MUSC 108 KEYBOARD SKILLS III</b>						
▼ 4560 A	1	Th	1:00p.m.-2:30p.m.	RCA 221		DAVIS R
Instructor permission required to enroll.						
Hybrid class; partially online. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>MUSC 111 EAR TRAINING I</b>						
▼ 4565 A	1	MW	11:25a.m.-11:50a.m.	RCA 218		DAVIS R
<b>MUSC 115 GROUP PIANO INSTRUCTION</b>						
▼ 4570 A	2	Th	1:00p.m.-2:30p.m.	RCA 221		DAVIS R
Hybrid class; partially online. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom. ⊗ Uses Alternative Educational Resources.						
<b>MUSC 119 AMERICAN MUSIC:DIV</b>						
▼ 4575 DE	5	ARR	ARR		ARR	HARBAUGH K
Online class.						
<b>MUSC 121 CONCERT CHOIR I</b>						
▼ 4580 A	2	MWF	1:30p.m.-2:30p.m.	RCA 102	CHALLED G	H,P
Instructor permission required to enroll.						
Lab Fee: \$8.40 ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>MUSC 131 BEGINNING GUITAR</b>						
▼ 4600 A	2	TTh	3:30p.m.-4:20p.m.	RCA 102	HARBAUGH K	H
Guitars are provided for student use. Students will be allowed to take guitars home for practice.						
Hybrid class; partially online. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.						
<b>MUSC 132 INTERMEDIATE GUITAR</b>						
▼ 4605 A	2	TTh	3:30p.m.-4:20p.m.	RCA 102	HARBAUGH K	H
Guitars are provided for student use. Students will be allowed to take guitars home for practice.						
Hybrid class; partially online. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.						

## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

**MUSC 133 ADVANCED GUITAR****H**

▼ 4610 A 2 TTh 3:30p.m.-4:20p.m. RCA 102 HARBAUGH K  
Guitars are provided for student use. Students will be allowed to take guitars home for practice.  
Hybrid class; partially online. ☺ Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 145 BEGINNING VOICE****H**

▼ 4620 A 2 MW 10:30a.m.-11:55a.m. RCA 102 CHALLED G  
Lab Fee: \$8.40 ☺ Uses Alternative Educational Resources.

**MUSC 151 BELLA VOCE CHOIR I****H,P**

▼ 4630 A 2 MWF 2:30p.m.-3:30p.m. RCA 102 CHALLED G  
Instructor permission required to enroll.  
Lab Fee: \$8.40 ☺ Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 176 INDIVIDUAL INSTRUCTION****H,P**

1 credit ARR ARR ARR STAFF

4645 A Flute	4680 H Trombone	4715 M Violin
4650 B Oboe	4685 I Tuba	4720 N Viola
4655 C Clarinet*	4690 J Percussion	4725 O Cello
4660 D Saxophone	4695 J1 Percussion	4730 P Bass
4665 E Bassoon	4700 J2 Percussion	4735 R Vocal ▼
4670 F Trumpet	4705 K Guitar	
4675 G French Horn	4710 L Piano	

A fee of \$500.00 per credit is collected for this course in addition to tuition.  
To register for Instrumental, contact rdavis@lowercolumbia.edu; for Vocal, contact ghalled@lowercolumbia.edu. \* ☺ Uses Alternative Educational Resources.

**MUSC 221 CONCERT CHOIR IV****H,P**

▼ 4755 A 2 MWF 1:30p.m.-2:30p.m. RCA 102 CHALLED G  
Instructor permission required to enroll.

Lab Fee: \$8.40 ☺ Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 225 OPERA WORKSHOP****H,P**

▼ 4770 A 2 MW 4:00p.m.-4:50p.m. RCA 102 CHALLED G

**MUSC 251 BELLA VOCE CHOIR IV****H,P**

▼ 4775 A 2 MWF 2:30p.m.-3:30p.m. RCA 102 CHALLED G  
Instructor permission required to enroll.

Lab Fee: \$8.40 ☺ Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 276 INDIVIDUAL INSTRUCTION****H,P**

1 credit ARR ARR ARR STAFF

4790 A Flute	4820 G French Horn	4850 M Violin
4795 B Oboe	4825 H Trombone	4855 N Viola
4800 C Clarinet	4830 I Tuba	4860 O Cello
4805 D Saxophone	4835 J Percussion	4865 P Bass
4810 E Bassoon	4840 K Guitar	4870 R Vocal ▼
4815 F Trumpet	4845 L Piano	

A fee of \$500.00 per credit is collected for this course in addition to tuition.  
To register for Instrumental, contact rdavis@lowercolumbia.edu; for Vocal, contact ghalled@lowercolumbia.edu.

**EVENING CLASSES****MUSC 130 JAZZ ENSEMBLE****H,P**

4595 N 2 T 7:00p.m.-9:00p.m. RCA 102 MEAGHER R  
Lab Fee: \$8.40

**MUSC 150 SYMPHONIC BAND****H,P**

4625 N 2 Th 7:00p.m.-9:00p.m. RCA 102 DAVIS R  
Instructor permission required to enroll.  
Lab Fee: \$8.40

**Nursing**

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

Students interested in a nursing career can find information about LCC's nursing programs at [lowercolumbia.edu/programs](http://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 Leszek Cromwell at 360.442.2425 or Jill Yates at 360.442.2584 for course information and to register.

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

**EVENING CLASSES****NURS 090 NURSING ASSISTANT****HSB 249 MACLAREN A**

▼ 4915 N 8 ARR ARR  
Instructor permission required to enroll.  
Lab Fee: \$52.60

▼ 4905 L 0 ARR ARR  
Instructor permission required to enroll.

▼ 4900 LA 0 ARR ARR  
Instructor permission required to enroll.

**Receive Emergency Text Alerts from LCC**  
**[lowercolumbia.edu/alerts](http://lowercolumbia.edu/alerts)**



## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

## Nutrition

## NUTR&amp; 101 NUTRITION

▼ 5095 A 5 MW 9:30a.m.-10:45a.m. GYM 212 NS KOOIMAN J  
Hybrid class; partially online.

▼ 5125 B 5 TTH 10:00a.m.-11:20a.m. GYM 212 ROSS E  
Hybrid class; partially online. (C) Uses Alternative Educational Resources.

▼ 5100 C 5 MW 11:00a.m.-12:15p.m. GYM 212 KOOIMAN J  
Hybrid class; partially online.

▼ 5105 DE 5 ARR ARR ROSS E  
Online class. (C) Uses Alternative Educational Resources.

▼ 5110 DE1 5 ARR ARR KOOIMAN J  
Online class. (C) Uses Alternative Educational Resources.

▼ 5115 DE2 5 ARR ARR ROSS E  
Online class. (C) Uses Alternative Educational Resources.

▼ 5120 DE3 5 ARR ARR KOOIMAN J  
Online class. (C) Uses Alternative Educational Resources.

## NUTR 299 NUTRITION

▼ 5090 MM 1-2 ARR ARR KOOIMAN J  
Online class.

## Oceanography

## OCEA&amp; 101 INTRODUCTION TO OCEANOGRAPHY

▼ 5130 DE 5 ARR ARR NSL KHANDROL  
Online class. Lab included.

## Philosophy

## PHIL&amp; 101 INTRODUCTION TO PHILOSOPHY

▼ 5300 A 5 MWF 9:00a.m.-10:25a.m. HSB 105 LEACH M

## Physical Education

A \$8.10 fee is charged for each Physical Education class.

## PHED 104 BEGINNING PILATES &amp; STRETCH

5150 A 1 TTH 11:00a.m.-11:50a.m. GYM 210 A SKERBECK C  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 106 YOGA FOR BEGINNERS

5155 A 1 TTH 10:00a.m.-10:50a.m. GYM 210 A SKERBECK C

## PHED 120 CROSS TRAINING

▼ 5160 A 2 MW 10:00a.m.-10:50a.m. GYM 113 A ROSS E  
Hybrid class; partially online.

## PHED 127 ZUMBA I

5165 A 1-2 MW 12:00p.m.-12:50p.m. GYM 210 A SANCHEZ L

## PHED 128 WEIGHT TRAINING

▼ 5170 A 1-2 MW 9:00a.m.-9:50a.m. GYM 113 A MC MULLAN E  
Hybrid class; partially online. (C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 139 TRAIN FOR A RACE

▼ 5200 DE1 1-2 ARR ARR A ROSS E  
Students must log into canvas for class instructions and syllabus.  
Online class.

## PHED 140 BASKETBALL: MEN

5175 A 1 DAILY ARR GYM 116 A POLIS M  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 141 BASKETBALL: WOMEN

5180 A 1 DAILY ARR GYM 116 A MEADORS C  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 146 FASTPITCH SOFTBALL-WOMEN

5185 A 1 DAILY ARR ARR FULLER T  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 149 APPLIED SOCCER-WOMEN

5190 A 2 MTWTh ARR GYM 211 A CRUSER H  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 152 PERSONALIZED FITNESS

▼ 5195 DE 1-2 ARR ARR ROSS E  
Students must log into canvas for class instructions and syllabus.  
Online class. (C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 155 ROCK CLIMBING-BEGINNING

5205 A 1 MW 1:00p.m.-1:50p.m. GYM 113 A HAYES E  
Lab Fee: \$32.40

## PHED 160 BASEBALL

5210 A 1 DAILY ARR ARR LANE E  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 167 APPLIED VOLLEYBALL

5215 A 2 DAILY ARR GYM 212 A SMITH C  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 204 INTERMEDIATE PILATES &amp; STRETCH

5220 A 1 TTh 12:00p.m.-12:50p.m. GYM 210 A SKERBECK C  
(C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 215 OUTDOOR SKILLS EXPERIENCE

▼ 5225 A 2 W 1:00p.m.-2:15p.m. GYM 212 A MILLER J  
Fridays are off-campus and activities may include local hikes, biking, kayaking, and rock climbing in the LCC fitness center. Lab Fee: \$162.40  
Hybrid class; partially online.

Start Date: 09/20/18 End Date: 10/06/18

## PHED 220 CROSS TRAINING

▼ 5230 A 2 MW 10:00a.m.-10:50a.m. GYM 113 A ROSS E  
Hybrid class; partially online. (C) Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 228 WEIGHT TRAINING

▼ 5240 A 1-2 TTh 10:00a.m.-10:50a.m. GYM 113 A MC MULLAN E  
Hybrid class; partially online. (C) Course is clustered with other class sections that meet at the same time, in the same classroom.

Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

**PHED 240 BASKETBALL: MEN**

5245 A 1 DAILY ARR GYM 116 POLIS M

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

**PHED 241 BASKETBALL: WOMEN**

5250 A 1 DAILY ARR GYM 116 MEADORS C

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

**PHED 246 FASTPITCH SOFTBALL-WOMEN**

5255 A 1 DAILY ARR ARR FULLER T

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

**PHED 249 APPLIED SOCCER-WOMEN**

5260 A 2 MTWTh ARR GYM 211 CRUSER H

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

**PHED 252 PERSONALIZED FITNESS**

A

▼ 5265 DE 1-2 ARR ARR ROSS E

Students must log into canvas for class instructions and syllabus.

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

**PHED 260 BASEBALL**

5275 A 1 DAILY ARR ARR LANE E

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

**PHED 267 APPLIED VOLLEYBALL**

5280 A 2 DAILY ARR GYM 212 SMITH C

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

**PHED 285 FITNESS MARKETING**

5285 A 3 MW 1:00p.m.-2:15p.m. GYM 211 MC MULLAN E

## Physical Science

**EVENING CLASSES**

**PHSC 109 ENERGY AND MATTER**

NSL

5305 N 5 TTh 5:15p.m.-7:45p.m. HSB 135 PRINCEHOUSE L

Lab included. Lab Fee: \$15.00

## Physics

**PHYS& 114 GENERAL PHYSICS I**

NS

▼ 5320 A 5 MWThF 8:00a.m.-8:50a.m. HSB 137 LIVINS P

Students must also enroll in one of the lab sections, PHYS& 114 LA, LB or LC.

Lab Fee: \$15.00

**PHYS& 114 GENERAL PHYSICS I—LAB**

5325 LA 0 T 9:00a.m.-11:00a.m. HSB 137 LIVINS P

5330 LB 0 T 11:00a.m.-1:00p.m. HSB 137 LIVINS P

5335 LC 0 ARR ARR HSB 137 LIVINS P

**PHYS& 221 ENGINEERING PHYSICS I**

NSL

▼ 5340 A 5 MWF 10:00a.m.-11:15a.m. HSB 137 LIVINS P

Students must also enroll in one of the lab sections, PHYS& 221 LA, LB or LC.

Lab Fee: \$15.00

**PHYS& 221 ENGINEERING PHYSICS I—LAB**

5345 LA 0 T 1:00p.m.-3:00p.m. HSB 137 LIVINS P

5350 LB 0 Th 1:00p.m.-3:00p.m. HSB 137 LIVINS P

5355 LC 0 ARR ARR HSB 137 LIVINS P

## Political Science

**POLS& 101 INTRODUCTION TO POLITICAL SCIENCE**

SS

▼ 5370 A 5 MW 8:30a.m.-10:45a.m. MAN 234 MOSSER J

**POLS& 202 AMERICAN GOVERNMENT**

SS

▼ 5375 A 5 MW 1:00p.m.-3:15p.m. DTV 214 MOSSER J

▼ 5380 B 5 TTh 8:30a.m.-10:45a.m. MAN 234 MOSSER J

▼ 5390 DE 5 ARR ARR VAUGHN C

Online class.

## Process Manufacturing

**PMFG 150 ELECTRICAL AND ELECTRONIC FUNDAMENTALS**

JOINER T

**EVENING CLASSES**

**PMFG 151 PROCESS CONTROL EQUIPMENT**

5365 N 5 MW 5:15p.m.-7:30p.m. VOC 151 JOINER T

# Ride Free with LCC Student ID!



for more info go to  
[lowercolumbia.edu/bus](http://lowercolumbia.edu/bus)

## Course # Course Name

▼ Item# Sec.# Cred.# Days Time Place Instructor

## Psychology

<b>PSYC &amp; 100 GENERAL PSYCHOLOGY</b>				<b>SS</b>		
5415 A 5 MW	8:30a.m.-10:45a.m.	MAN 235	WEAVER N			
④ Uses Alternative Educational Resources.						
▼ 5420 B 5 TTh	9:00a.m.-11:15a.m.	MAN 233	STRAYER M			
④ Uses Alternative Educational Resources.						
5425 C 5 MW	11:00a.m.-1:15p.m.	MAN 235	WEAVER N			
④ Uses Alternative Educational Resources.						
▼ 5430 DE 5 ARR	ARR	ARR	TUCKER J			
Online class.						
▼ 5435 DE1 5 ARR	ARR	ARR	TUCKER J			
Online class.						
▼ 5440 E 5 MW	1:00p.m.-3:15p.m.	MAN 234	STRAYER M			
④ Uses Alternative Educational Resources.						
<b>PSYC 150 PSYCHOSOCIAL ISSUES IN HEALTH CARE I</b>				<b>SS</b>		
▼ 5395 A 2 TW	12:30p.m.-2:00p.m.	HSB 249	DAILEY J			
<b>PSYC &amp; 200 LIFESPAN PSYCHOLOGY</b>				<b>SS</b>		
▼ 5455 A 5 MW	9:00a.m.-11:15a.m.	MAN 233	STRAYER M			
▼ 5460 DE 5 ARR	ARR	ARR	RICHIE G			
Online class.						
<b>PSYC 250 PSYCHOSOCIAL ISSUES IN HEALTH CARE II</b>				<b>SS</b>		
▼ 5400 A 3 MTh	12:30p.m.-3:00p.m.	HSB 248	NORTON T			
<b>PSYC 255 PSYCHOSOCIAL ISSUES IN HEALTH CARE</b>				<b>SS</b>		
▼ 5445 DE 2 ARR	ARR	ARR	NORTON T			
Instructor permission required to enroll.						
Online class.						

### EVENING CLASSES

<b>PSYC &amp; 100 GENERAL PSYCHOLOGY</b>			<b>SS</b>			
▼ 5450 N 5 T	5:30p.m.-7:45p.m.	HSB 104	TUCKER J			
Hybrid class; partially online.						

<b>PSYC &amp; 200 LIFESPAN PSYCHOLOGY</b>			<b>SS</b>			
▼ 5465 N 5 TTh	5:30p.m.-7:45p.m.	HSB 123	CROMWELL L			

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

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



**Pick up or renew your LCC Student ID at the Bookstore during normal business hours!**

## Sociology

<b>SOC &amp; 101 INTRODUCTION TO SOCIOLOGY:DIV</b>			<b>D, SS</b>
5485 A 5 TTh	9:00a.m.-11:15a.m.	MAN 235	WEAVER N
④ Uses Alternative Educational Resources.			
▼ 5490 B 5 MWF	9:00a.m.-10:25a.m.	MAN 145	BATEY T
④ Uses Alternative Educational Resources.			
5495 C 5 TTh	1:00p.m.-3:15p.m.	MAN 234	STAFF
▼ 5500 DE 5 ARR	ARR	ARR	TATE J
Online class.			

## 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.		
<b>SPAN &amp; 121 SPANISH I:DIV</b>		<b>D, H</b>
5515 A 5 DAILY	8:00a.m.-8:50a.m.	AAR 104
5520 B 5 DAILY	10:00a.m.-10:50a.m.	AAR 104
5525 DE 5 ARR	ARR	ARR
Online class.		

<b>SPAN &amp; 122 SPANISH II:DIV</b>		<b>D, H</b>
5535 DE 5 ARR	ARR	ARR
Online class.		

<b>SPAN &amp; 123 SPANISH III:DIV</b>		<b>D, H</b>
5545 DE 5 ARR	ARR	ARR
Online class.		

<b>SPAN &amp; 221 SPANISH IV</b>		<b>D, H</b>
5550 DE 5 ARR	ARR	ARR
Online class.		

<b>SPAN &amp; 222 SPANISH V</b>		<b>H</b>
5555 DE 5 ARR	ARR	ARR
Online class.		

<b>SPAN &amp; 223 SPANISH VI</b>		<b>H</b>
5560 DE 5 ARR	ARR	ARR
Online class.		

## Welding Technology

A \$12.50 per-credit fee to a maximum of \$125.00 is charged for each welding class. Students will arrange class schedule with instructor on first day of the quarter.

<b>WELD 060 WABO EXAM PREPARATION</b>		
5595 MM1-6 ARR	ARR	VOC 161

### WELD 105 RELATED WELDING I

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

5695 A 6 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
5700 B 1-6 MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
5705 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**Course # Course Name**

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**WELD 151 INTRODUCTION TO OXY ACETYLENE**

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

▼ 5730 A	6	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5735 B	1-6	MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5740 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**WELD 152 INTRODUCTION TO ARC WELDING**

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

▼ 5765 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5770 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5775 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**WELD 221 WIRE MACHINE**

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

▼ 5795 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5800 B	6	MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5805 C	6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**WELD 222 ADVANCED WIRE MACHINE**

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

▼ 5825 A	6	MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5830 B	6	MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5835 C	6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**WELD 254 ARC WELDING**

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

▼ 5855 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5860 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5865 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**WELD 255 ADVANCED WELDING PROCESSES**

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

▼ 5890 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5895 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5900 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**WELD 256 ADVANCED WELDING APPLICATION**

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

▼ 5920 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5925 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM R
▼ 5930 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM R

**WELD 299 INDEPENDENT STUDY**

5960 A 1-10 ARR ARR  
Instructor permission required to enroll.

**EVENING CLASSES****WELD 105 RELATED WELDING I**

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

5715 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5720 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5725 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 151 INTRODUCTION TO OXY ACETYLENE**

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

5750 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5755 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5760 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 152 INTRODUCTION TO ARC WELDING**

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

5780 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5785 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5790 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 221 WIRE MACHINE**

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

5810 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5815 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5820 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 222 ADVANCED WIRE MACHINE**

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

5840 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5845 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5850 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 254 ARC WELDING**

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

5875 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5880 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5885 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 255 ADVANCED WELDING PROCESSES**

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

5905 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5910 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5915 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 256 ADVANCED WELDING APPLICATION**

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

5935 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5940 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	MILLER R
5945 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	MILLER R

**WELD 299 INDEPENDENT STUDY**

5970 NA 1-10 ARR ARR  
Instructor permission required to enroll.

5975 NB	1-10	T	6:00p.m.-9:00p.m.	ARR	MILLER R
5980 NC	1-10	W	6:00p.m.-9:00p.m.	ARR	MILLER R
					Instructor permission required to enroll.

## Adult Basic Education

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

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

### Longview ABE Classes

#### **Lower Columbia College** (15th Avenue, Vocational Building)

Daily	9:00 a.m.-9:50 a.m.
	10:00 a.m.-10:50 a.m.
	11:00 a.m.-11:50 a.m.
	12:00 p.m.-12:50 p.m.
	1:00 p.m.-1:50 p.m.
	2:00 p.m.-2:50 p.m.
Mon-Wed-Fri	11:00 a.m.-12:25 p.m.
	11:00 a.m.-12:40 p.m.
Mon-Thurs	5:00 p.m.-5:50 p.m.
	6:00 p.m.-7:00 p.m.
	7:00 p.m.-9:00 p.m.

#### **HS 21+ Portfolio & GED Fast Track** (15th Avenue, Applied Arts 101)

*Intensive, individualized instruction.*  
Tues/Thurs 12:00 p.m.-12:50 p.m.  
Mon-Thurs 6:00 p.m.-8:50 p.m.

### Woodland ABE Classes

#### **Woodland Primary School** (600 Bozarth Avenue, Woodland)

Mon & Wed 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 next page for more information.

### 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. Day, evening, and hybrid classes are available. For more information, call 360.442.2580 or go to [lowercolumbia.edu/hs21](http://lowercolumbia.edu/hs21).



## English as a Second Language

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

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

### Longview ESL Classes

#### **Lower Columbia College** (15th Avenue, Vocational Building)

Daily	9:00 a.m.-10:50 a.m.
Tues-Wed-Thurs	9:00 a.m.-10:25 a.m.
Mon-Thurs	7:00 p.m.-9:00 p.m.

### Woodland ESL Classes

#### **Woodland Primary School** (600 Bozarth Avenue, Woodland)

Mon & Wed 6:00-9:00 p.m.

### LCC Offers High School Diploma Program

Adults have a low-cost option to earn a high school diploma through the High School 21+ program at Lower Columbia College. HS21+ is a comprehensive, competency-based program tailored to adult learning styles, with day, evening and hybrid classes available. Students earn credit toward their high school diploma through classroom studies and prior learning gained in the workplace, life experiences and military service. Previous high school and college credits also count. Expert LCC instructors and staff assess students' experiences to identify gaps in their education and then create a plan to help them complete their remaining requirements. HS21+ students are eligible for the Basic Skills tuition rate of \$25 per quarter. With open enrollment, students can get started at any time. To take the first step, contact the Transitional Studies Department at 360.442.2580 and remember—*You're never too old and it's not too late!* Join the 300+ students that have graduated with their high school diploma since HS21+ came to LCC in Summer 2013. Set your sites even higher and follow the HS21+ graduates who have continued on to professional technical and college studies.

# I-BEST PUTS STUDENTS ON FAST TRACK TO CAREER & STUDENT SUCCESS

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

## **Business Management**

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

<b>ACCT 101</b>	<b>Introduction to Accounting Concepts</b>
<b>BUS 101</b>	<b>Introduction to Business</b>
<b>BUS 104</b>	<b>Business Math Applications</b>
<b>BUS 119</b>	<b>Business Communications</b>
<b>BUS 144</b>	<b>Management of Human Relations:DIV</b>

## **Business Technology**

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

<b>BTEC 104</b>	<b>Introduction to Business Technology</b>
<b>BTEC 111</b>	<b>Word Processing I</b>
<b>BTEC 131</b>	<b>Introduction to Spreadsheets</b>
<b>BTEC 148</b>	<b>Introduction to Outlook</b>
<b>BTEC 171</b>	<b>Medial Reception Procedures</b>
<b>IT 111</b>	<b>Introduction to Windows</b>

## **Diesel/Heavy Equipment Technology**

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

<b>DHET 100</b>	<b>Essentials of Mechanics</b>
<b>DHET 141</b>	<b>Hydraulics I</b>
<b>DHET 142</b>	<b>Hydraulics II</b>

## **Early Childhood Education**

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

<b>ECED 107</b>	<b>Health/Safety/Nutrition</b>
<b>ECED 120</b>	<b>Practicum-Nurturing Relationships</b>
<b>ECED 160</b>	<b>Curriculum Development</b>
<b>ECED 190</b>	<b>Observation/Assessment</b>
<b>ECED 261</b>	<b>Practicum IV/Principles</b>
<b>EDUC 115</b>	<b>Child Development</b>
<b>EDUC 130</b>	<b>Guiding Behavior</b>

## **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.

### **NURS 090 Nursing Assistant**

## **Machine Trades – NEW!**

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

<b>MASP 111</b>	<b>Machine Shop I</b>
<b>MASP 112</b>	<b>Machine Shop II</b>
<b>MASP 113</b>	<b>Machine Shop III</b>

## **Manufacturing Occupations**

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.

<b>ENGL 110</b>	<b>Industrial Communications</b>
<b>MFG 115</b>	<b>Manufacturing Process</b>

## **Medical Assistant**

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

<b>CS 110</b>	<b>Microcomputer Applications</b>
<b>MATH 105</b>	<b>Math for Health Sciences</b>
<b>MEDA 101</b>	<b>Medical Vocabulary I</b>
<b>MEDA 120</b>	<b>Survey of Human A&amp;P</b>
<b>MEDA 122</b>	<b>Law &amp; Ethics in the Medical Office</b>
<b>MEDA 161</b>	<b>Examining Room Procedures I</b>

## **Welding**

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

<b>WELD 151</b>	<b>Introduction to Oxy Acetylene</b>
<b>WELD 221</b>	<b>Wire Machine</b>
<b>WELD 254</b>	<b>ARC Welding</b>

Program Specialist Jill Yates will help each student register for the classes they need: 360.442.2584 or [jyates@lowercolumbia.edu](mailto:jyates@lowercolumbia.edu)

# CORPORATE AND CONTINUING EDUCATION

Corporate and Continuing Education at Lower Columbia College assists individuals and business/industry to meet their personal, professional and corporate 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.

## *Take your Career to New Heights* Training for today's workforce

### **Mindfulness: A Working Advantage**

Improve personal and professional effectiveness and overall organizational productivity in this series of workshops aimed at interpersonal communication, working relationships, and being mentally healthy. Participants will explore personality traits using the Myers-Briggs Type Indicator (MBTI) assessment, discover the strength in our differences, and become certified in Mental Health First Aid.

\$595/Buy one, get additional registrations at a 50% discount from the same organization. For more information, contact Hahli Rogers at 360.442.2611 or Heidi Hamer at 360.442.2603.

Th 10/4-11/8 8 a.m.-12 p.m.

### **Mental Health First Aid Core**

The 8-hour Mental Health First Aid (MHFA) course helps individuals identify risk factors and warning signs for mental health and addiction concerns, strategies for how to help someone in both crisis and non-crisis situations, and where to turn for help. Participants not only gain confidence in their capacity to approach and offer assistance to others, but also to improve their own personal mental health. Resource materials provided. Pre-registration is required. DTV 201 (Clark/Hamer) \$75

CLCE 047 A 8300 Th 9/13 8 a.m.-5 p.m.

CLCE 047 B 8305 F 11/9 8 a.m.-5 p.m.

### **Franklin Covey's Project Management Essentials for the Unofficial Project Manager™**

Today's knowledge workers have quietly slipped into the role of the unofficial project manager. Stakeholders, scope creep, no formal training, and a lack of process all combine to raise the probability of project failure costing organizations time, money, and employee morale. This one-day work session will provide the mindset, skillset, and toolset that will consistently deliver successful projects to completion. Lunch is provided. Location TBD (Garn) \$325

CLCE 046 A 8600 F 10/19 8 a.m.-4:30 p.m.

### **OSHA 10 Construction Safety Certification**

This course is designed for construction workers, foremen, job supervisors and anyone involved in the construction industry. OSHA recommends the 10 Hour construction outreach training program as an orientation to occupational safety and health for workers covered by OSHA 29 CFR 1926. This course includes an introduction to OSHA, General Safety & Health Provisions, in addition to: Electrical Safety, Fall Protection, Personal Protective Equipment, Hand & Power Tools, Scaffolds, Cranes, Derricks, Hoists, Elevators & Conveyors, Excavations, Stairways & Ladders. DTV 201 (Hoole) \$155

SFTY 044 A 8760 MT 12/3 & 12/4 7 a.m.-1 p.m.



## 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 WorkKeys 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 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.

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.

### Small Business Entrepreneur Certification-ONLINE

The Small Business Development Center and Lower Columbia College are partnering to offer a Small Business Entrepreneur Certification. Contact Jerry Petrick at the Longview Small Business Development Center at [jerry.petrick@wsbdc.org](mailto:jerry.petrick@wsbdc.org) or call 360.578.5449. Additional information is also available by calling LCC Continuing Education at 360.442.2601 or 360.442.2602. Visit [www.campusce.net/lcc](http://www.campusce.net/lcc) for more information.

## Workforce Training

### Flagger Certification

Learn professional flagging techniques and proper work zone set-up in accordance with standards and guidelines of the Federal Manual on Uniform Traffic Control Devices (MUTCD), Washington Modifications to the MUTCD, L & I WAC 296-155-305, and WSDOT State Standard Specifications. Upon successful completion, receive both the Washington State Department of Transportation (WSDOT) and American Traffic Safety Services Association (ATSSA) flagger cards (accepted in most other states) valid for 3 years. Fee includes textbook and ID cards. Rich Bunker, Master Instructor, for American Traffic Safety Services Association (ATSSA). Students must bring a photo ID to class. \$75

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

### CDL Training

LCC's Corporate & Continuing Education Department offers a CDL training course for Class A and Class B licenses. The CDL Program has the option of 4 or 8 week training course depending on the quarter. The training consists of 20-40 hours of classroom instruction and 28-120 hours of driving and vehicle instruction based on the class of the license. Training is limited to students that meet the program requirements. For more information, please contact Heidi Hamer at 360.442.2603 or [hhamer@lowercolumbia.edu](mailto:hhamer@lowercolumbia.edu).

### Purchasing and Supply Chain Management-ONLINE

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

### Professional Vocational Relationships: Canvas Online

Examines the legal and regulatory frameworks of practical nursing. Presents concepts of effective communication in health care settings among employees and employers. Explores conflict resolution and teamwork strategies. Discusses professional boundaries, stress management, chain of command, and professionalism as it relates to the licensed practical nurse role and scope. This course fulfills the Washington State requirements for professional relationship content for those applying for licensure as a practical nurse in Washington State. Registration required. Online using Canvas. (Ward) \$125. For more information, please contact Heidi Hamer at 360.442.2603 or [hhamer@lowercolumbia.edu](mailto:hhamer@lowercolumbia.edu).

CLCG 050 A 8980 Online

### 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](mailto:mharris@lowercolumbia.edu), for additional information.

4 hour HIV/AIDS Certification, register for:

SFTY 046 5475 \$40.00

7 hour HIV/AIDS Certification, register for:

SFTY 045 5470 \$65.00

SAVE THE DATE

### Winter Leadership Series

### From Co-Worker to Supervisor

Thursdays,  
February 7-March 14, 2019

# Jump Start Your Career or Start a New One!



## Professional Online Learning through LCC Corporate & Continuing Education

Learn from the comfort of home!

- 6-18 month self-paced, start anytime
- Textbook and materials included
- Prepare for industry certification

- Certification exam vouchers are included
- Financial assistance available
- Student advisor and career readiness support

### CBCS Medical Billing and Coding (Voucher Included)

Students who successfully complete this career course will have developed a solid background in all of the latest technologies associated with web development for both desktop and mobile environments, and at the very end of the program, students will be able to build traditional and mobile websites.

### Child Development Associate Training

With the certificate program in Childcare Education offered at Smart Horizons Career Online High School, you can pursue your Child Development Associate (CDA) certification and launch your career in childcare.

### Digital Arts Certificate

The Digital Arts Online Training Program will help you develop technical skills and creative artistry in digital photography, imaging, and illustration. This program covers Adobe Photoshop and Illustrator and more.

### Entrepreneurship: Start-Up and Business Owner Management

This program covers everything from financing to leadership. You'll learn business planning, communication skills, marketing, and management. If you've ever thought about owning your own business, this program can help make that dream come true!

### Grant Writing

Learn to write grant proposals that get funded in this nationally recognized Grant Writing online training program.

### Human Resources Professional

Master the skills you need to gain an entry-level position in human resources and prepare to take the PHR (Professional in Human Resources) certification exam.

### Paralegal

The Paralegal Online Training Program will prepare you for success in this growing career field. You'll learn about the American legal system, how to conduct legal research and legal interviews, how to perform legal analyses, and more. Your training will prepare you to become a legal secretary or paralegal and to take the certification exam.

### Web Applications Developer

Master the skills you need to create dynamic database-driven websites using the latest technologies.

### Web Design Professional

Upon completion, students can expect to have a solid grounding in the skills and knowledge needed to become a Web Designer.

### Webmaster

The Webmaster course prepares students with the skills and knowledge needed for successful careers in the Web development. Web applications are a vital part of communication on the Internet, and Web developers are in high demand in large and small companies and organizations.

**Get Started on this Exciting Opportunity! Visit or Call us Today!**

[careertraining.ed2go.com/lccbic](http://careertraining.ed2go.com/lccbic)

360-442-2602

# ENGAGE YOUNG MINDS

Corporate and Continuing Education offers classes and workshops throughout the year to engage your children in fun educational experiences. Register online at [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce) and click on the shopping cart feature or call 360.442.2610.

## Family STEM Night on September 21!

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

## STEAM Workshop for Middle School Students

LCC partners with faculty to provide exceptional quarterly outreach workshops. We will be working hard this summer to plan topics and activities for next school year. Check our website for more information at [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce) or call 360.442.2610.

For details about any of these activities please call 360.442.2610 or email Hahli Rogers at [hrogers@lowercolumbia.edu](mailto:hrogers@lowercolumbia.edu).



## Parent and Teen Chemistry Lab

Come learn something new together with your parent / teen. No prior science training is expected – our only prerequisite is curiosity and the desire to learn something new. Learn molecular concepts of chemistry and use modern instrumentation to understand and analyze chemical behavior. Starting with the chemicals we smell and eat in our regular lives we will investigate the molecular composition and investigating the properties of those chemicals. HSB 329 (Herbelin) \$29

CLCE 025 A 8135 M 10/1-11/5 6-8 p.m.

## About Corporate and Continuing Education

For the latest information about Continuing Education, see [lowercolumbia.edu/ce](http://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](http://lowercolumbia.edu/ce)
- OR call 360.442.2840 or 360.442.2602 to sign up over the phone with Visa or MasterCard. If we are away from the phone, please leave your name and return phone number on our voicemail and we will call you back.
- OR fill out the form at the back of this schedule and mail it to us with a check, money order, or credit card information.
- OR fax the form to 360.442.2609 with credit card info.

### Questions? Call us!

Continuing Education: 360.442.2840 or 360.442.2602

Business & Workforce Training:

360.442.2601 or 360.442.2611

Caregiving: 360.442.2602

### Refund Policy:

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

### 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](http://www.ed2go.com/lccbic)

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

#### ■ **ed2go Online Career Training**

[careertraining.ed2go.com/lccbic](http://careertraining.ed2go.com/lccbic)

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

## Art & Culture



### Metal Art

This class will inspire you to find scraps and assist you in exploring different techniques to express your creative side. You will review safety and welding techniques and develop an understanding of different materials and how to manipulate them. You will explore different forms of metal sculptures and even produce a work of your own art by class end. LCC Welding Shop (Pittsley) \$99 *No class 11/12*

CLCE 019 A 8105 M 9/24-11/26 6-8 p.m.

### College of Collage

Learn to create holiday greeting cards, refrigerator magnets, wearable art, and unique gift boxes as you experience the endless creative possibilities of collage. Few art methods allow such flexibility and personal narrative. This course will cover techniques for determining subject matter, integrating a variety of materials and personalizing imagery. We will learn about adhesives, surfaces, and combinations of drawing and painting materials used in collage. MAN 109 (Wade) \$89 *No class 11/12*

CLCE 018 A 8085 M 9/24-11/26 5-7 p.m.

### Painting Techniques

Gain control of the art of painting. We will take painting from palette layout to finished works through the investigation of tools, material handling, color mixing, and traditional techniques. The class is designed for those who are embarking on painting as well as those with experience who want to refine their skills and techniques. Although acrylics will be preferred, students with experience who work in oils are encouraged to use that medium. MAN 109 (Wade) \$115 *No class 11/21*

CLCE 031 B 8090 W 9/26-11/28 5-8 p.m.

### Mixed Media Drawing

Discover drawing with a variety of materials and surfaces. Create finished products such as unique gift boxes, greeting cards, and more. We'll work with both dry and water-based materials, on surfaces ranging from paper to glass. Investigate techniques for creating representational and abstract imagery with pen and ink, watercolor pencils, colored pencils, pastels, glass paints, and unconventional tools. For those who enjoy drawing, this course will expand your tool box of possibilities. Whether you are an experienced artist or someone wanting to explore your creative side, this class is for you! MAN 148 (Wade) \$89 *No class 11/22*

CLCE 018 C 8095 Th 9/27-11/29 5-7 p.m.

## Community Choir

Every voice matters in this class of community members. Participate and harmonize with peers as you expand and develop your vocal range. You will also have the opportunity to perform in the Rose Center! RCA 102 (Challed) *No class 11/12*

CLCE 021 A 8115 M 9/17-11/26 7-9 p.m.

### Symphonic Band

Non-credit section for community members. Offers rehearsal and performances of standard concert band repertoire. Activities of this college/community band include performances for special civic events in community and public concerts. Instructor approval is required to enter this course. RCA 102 (Davis) *No class 11/22*

CLCE 023 A 8125 Th 9/20-11/29 7-9 p.m.

## Computers & Technology



### Filmmaking & Animation

Have fun learning how to plan, film, and edit media for production in live action, stop-motion, and digital animation productions. Use state-of-the-art equipment including video cameras, lighting, green-screens, and software to create short-films. Work with the instructor to discover methods for promoting films including options to submit films to local, regional, national, and international film festivals. Course explores advanced methods and provides access to open-source alternatives to fit any production budget. Repeat the course as often as necessary to learn new skills. AAR 105 (Lab 7) (Gaither) \$99

CLCE011 A 8050 Th 9/27-11/15 4-5:30 p.m.

*Are you passionate about a particular subject and would love to share with others? Continuing Education would like to speak to you!*

*Call Mary Harris at 360.442.2602 for more information!*

## Travel & Outdoors

### Mt. Angel Oktoberfest

Oregon's oldest and best loved Oktoberfest began in 1966 as a traditional harvest to celebrate all the land had to offer. It is now one of the largest folk festivals around! With over 50 Alpine food chalets serving a variety of food, traditional Biergarten, Weingarten and Alpinegarten, old world glockenspiel performances, and a huge arts and crafts show! Transportation to and from event is included; food and beverage purchase on your own. (Wade) \$35

CLCE 038 A 8550 F 9/14 9 a.m.-5 p.m.



### Hood River Valley Harvest Fest

Join us as we travel to Hood River to celebrate the harvest season at the 36th annual festival. This old-fashioned fall festival brings together more than 120 vendors offering local produce and food products, plus arts and crafts, wine, cider and beer tastings. Held along the scenic Hood River waterfront, this is the Columbia River Gorge's biggest celebration of the region's incredible fall bounty. Transportation to and from Hood River and entrance to the festival included. (Wade) \$40

CLCE 038 B 8555 Sa 10/13 9 a.m.-5 p.m.

## Online Learning



Learn More

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



### Genealogy Basics-ONLINE

Tracing your family's history is a fascinating journey. This course guides you through the search process for family names using several subscription-based Web sites that you can access while you're enrolled in the class. You'll learn through hands-on examples that help you dig deeper into your family's past. Discover where to look, who to contact, and how to make your family history come alive. \$99

### Write Your Life Story-ONLINE

Have you thought about writing your story, sharing life-altering events? Does your family really know about their heritage? This course walks you step-by-step through the process. It's fun. It's exciting. It's a story only you can tell. \$99

### Healthy Living Suite-ONLINE

In this program you'll learn how to establish a healthy approach to successful weight loss and weight maintenance for a lifetime. You'll learn how to save money and prepare home-cooked meals that are fast, easy, and delicious, and how to grow nutritious fruit and vegetables that can be used in your meals. \$299

## 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. Dick Mealy Pool at Mark Morris (Dickey) \$69 *No class 11/12 and 11/19, 11/20 & 11/22*

CLCE 035 A 8225 MTTh 9/10-12/13 11:50-12:45 p.m.

### Better Bones and Balance

The Better Bones and Balance course has 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 and appropriate for all ages. Bring a pair of indoor shoes. Hand weights (3, 4, or 5 pounds). Classes meet at Youth and Family Link. (Swanson/Carroll) \$49

#### Session One (*No class 9/3*)

CLCE 036 A	8230	MW	8/27-10/17	7-7:50 a.m.
CLCE 036 B	8235	MW	8/27-10/17	8-8:50 a.m.
CLCE 036 C	8240	MW	8/27-10/17	9-9:50 a.m.

#### Session Two (*No class 11/12, 11/19 & 11/21*)

CLCE 036 D	8231	MW	10/22-12/19	7-7:50 am
CLCE 036 E	8236	MW	10/22-12/19	8-8:50 am
CLCE 036 F	8241	MW	10/22-12/19	9-9:50 am

### Beginning Better Bones & Balance

For beginners or anyone who prefers a lower intensity class. Hand weights (3, 4, or 5 pounds) are optional. Classes meet at the Youth and Family Link Gym. (Swanson/Carroll) \$49

#### Session One (*No class 9/3*)

CLCE 032 A	8205	MW	8/27-10/17	10-10:50 a.m.
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#### Session Two (*No class 11/12, 11/19 & 11/21*)

CLCE 032 B	8206	MW	10/22-12/19	10-10:50 a.m.
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## The Power of Movement: Chair Exercises

This class is for you if you haven't 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 exercises. The power of movement is what it's all about. Classes meet at the Youth and Family Link Gym. (Swanson/Carroll) \$49

### Session One (No class 9/3)

CLCE 033 A 8210 MW 8/27-10/17 11-11:50 a.m.

### Session Two (No class 11/12, 11/19 & 11/21)

CLCE 033 B 8211 MW 10/22-12/19 11-11:50 a.m.

## Low Impact Aerobics

Increase stamina, flexibility and cardio endurance in our Low Impact Aerobics class! Movements are gentle on the joints and easy to follow. From beginning to advanced levels of intensity, work at your own pace! Classes meet at the Youth and Family Link Gym. (Swanson) \$20 for Better Bones & Balance registered students, item 8200/8202/\$25 Low Impact Aerobics only, item 8201/8203.

### Session One

CLCE 031 A 8200/8201 Th 8/30-10/18 10:15-11:05 a.m.

### Session Two (No class 11/22)

CLCE 031 C 8202/8203 Th 10/25-12/20 10:15-11:05 a.m.

## NIA Functional Fitness

NIA (Non-impact Aerobics) is a form of fusion fitness, combining classic movement forms which encompasses martial arts, healing arts, yoga, and the dance arts. Suitable for all ages, NIA is a workout, practice, and lifestyle that fosters vitality and well-being. GYM 210 (Sudar) \$59

### Session One

CLCE 015 A 8070 MW 9/17-10/24 7-8 a.m.

### Session Two (No class 11/12 & 11/21)

CLCE 015 B 8071 MW 10/29-12/12 7-8 a.m.

## Beginner Barre

Beginner barre is an in-depth introduction to the practices of barre. This class focuses on strengthening and toning the entire body by training small movements that isolate muscles followed immediately by a stretching session to help create those long lean muscles. While barre uses concepts and terminology from ballet, there are also foundations in yoga, Pilates, and weight training, but no prior experience in any of those areas is needed! GYM 210 (McMullan) \$59

### Session One

CLCE 029 A 8250 MWF 9/24-10/12 11:30-12:30 p.m.

### Session Two

CLCE 029 B 8255 MWF 10/15-11/2 11:30-12:30 p.m.



## Pilates Core Challenge

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

### Session One

CLCE 034 A 8215 MW 9/17-10/24 5:30-6:30 p.m.

### Session Two (No class 11/12 & 11/21)

CLCE 034 B 8220 MW 10/29-12/12 5:30-6:30 p.m.

## Zumba Fitness

The Zumba workout combines high-energy dance moves with traditional exercises such as lunges, squats and arm curls. Upbeat music like the merengue, salsa and mambo keep the energy high but alternate between slow and fast, keeping you on your toes! Zumba is fun to do and can be a great way to lift your spirits all while getting into shape and burning as many as 540 calories in the hour class! GYM 210 (Sanchez) \$59

### Session One (No class 10/23 & 10/25)

CLCE 030 A 8195 TTh 9/18-11/1 5:30-6:30 p.m.

### Session Two (No class 11/22)

CLCE 030 B 8196 TTh 11/6-12/13 5:30-6:30 p.m.

## Spin Fitness

Bring on the Britney Spears, Lil Jon, and Katy Perry... this will be the sweatiest party you've ever been to! This full body workout rocks to the beat of the music involving sprints, push-ups, climbing hills, hand weights, and core work. This 50 minute class will leave you feeling strong and energized! Get ready to 'hit the corners' and 'tap it back' to transform the way you look and feel. Hop on a stationary bike and join the fun! (Isaacson) \$65

### Session One

CLCE 037 A 8244 TTh 8/28-10/2 4:30-5:20 p.m.  
GYM 210 \$65

CLCE 037 D 8247 M 8/27-10/1 5:30-6:20 p.m.  
GYM 212 \$35  
(No class 9/3)

### Session Two

CLCE 037 B 8245 TTh 10/4-11/8 4:30-5:20 p.m.  
GYM 210 \$65

CLCE 037 E 8248 M 10/8-11/5 5:30-6:20 p.m.  
GYM 212 \$35

### Session Three

CLCE 037 C 8246 TTh 11/13-12/20 4:30-5:20 p.m.  
GYM 210 \$65  
(No class 11/22)

CLCE 037 F 8249 M 11/19-12/17 5:30-6:20 p.m.  
GYM 212 \$35

*Are you passionate about a particular subject and would love to share with others? Continuing Education would like to speak to you!*

*Call Mary Harris at 360.442.2602 for more information!*



**Mail to:** Corporate and  
Continuing Education  
1600 Maple, PO Box 3010  
Longview, WA 98632  
**Phone:** 360.442.2840

**Year 2018**  
Winter      Spring  
Summer      Fall

# Sign up now!

## Corporate and Continuing Education

## Register Online for Corporate and Continuing Education! [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce)

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

**Mailing Address** \_\_\_\_\_ **City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip Code** \_\_\_\_\_

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E-mail Address	Home Phone	Work Phone	Cell Phone
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## ENROLLMENT INFORMATION

## **Have you ever attended classes at LCC?**

Yes  No Last year attended \_\_\_\_\_

## How did you hear about this class?

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**Any other classes you'd like to see at LCC?**

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**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.*

Register Online for Continuing Education Classes: [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce)

# COLLEGE SERVICES INFORMATION

## ■ ADVISING

New students may contact entry advisors daily through the Entry Center in the Admissions Center. Returning students should contact their advisors through the Entry Center or the LCC Directory at [lcc.ctc.edu/employees](http://lcc.ctc.edu/employees) if they have questions.

360.442.2311 [entry@lowercolumbia.edu](mailto: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](http://lowercolumbia.edu/careercenter)

## ■ CHILD CARE/PRESCHOOL

Child care for children, one month to six years, is available for LCC students, staff, faculty, and community members in The Early Learning Center. Children are cared for in a quality environment while learning skills and concepts based on best practices and current research in Early Childhood Education.

360.442.2890 [lowercolumbia.edu/childcare](http://lowercolumbia.edu/childcare)

## ■ COOPERATIVE EDUCATION

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

## ■ COUNSELING CENTER

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

360.442.2311 [lowercolumbia.edu/counseling](http://lowercolumbia.edu/counseling)

## ■ DINING

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

## ■ DISABILITY SUPPORT SERVICES

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

360.442.2341 [lowercolumbia.edu/disability](http://lowercolumbia.edu/disability)

## ■ FINANCIAL AID

Apply early for financial aid; processing takes 3-6 weeks. Application and deadline information is located on page 7.

360.442.2390 [lowercolumbia.edu/finaid](http://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](http://lowercolumbia.edu/ged)

## ■ INSURANCE AVAILABLE TO STUDENTS

LCC offers an accident and sickness insurance plan designed for students. Brochures are available in the Admission Center.

## ■ LEARNING COMMONS AND LIBRARY

Hours: Monday-Thursday: 7:30 a.m.-7 p.m.; Friday: 7:30 a.m.-4 p.m.; Saturday: 10 a.m.-2 p.m. [lowercolumbia.edu/library](http://lowercolumbia.edu/library)

## ■ PLACEMENT TESTING

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

360.442.2353 [lowercolumbia.edu/placement](http://lowercolumbia.edu/placement)

## ■ RUNNING START

High School juniors and seniors may be eligible to take college classes for credit toward both their high school diploma and their college degree program. Advance planning is required.

360.442.2352 [lowercolumbia.edu/running-start](http://lowercolumbia.edu/running-start)

## ■ TECH PREP/CAREER PATHWAYS

High school students can take specific high school courses and receive credit toward both their high school diploma and LCC degree. See your high school counselor for details.

## ■ TRIO PROGRAMS

TRiO Student Support Services is offered at LCC for students who are first-generation, low-income, or students with disabilities and are interested in earning a bachelor's degree. Contact Jodi Reid, Director of TRiO Programs, for more information.

[jreid@lowercolumbia.edu](mailto:jreid@lowercolumbia.edu)

## ■ TUTORING SERVICES

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

[cobrienlarsen@lowercolumbia.edu](mailto:cobrienlarsen@lowercolumbia.edu)

## ■ WITHDRAWAL

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

## ■ WORKER RETRAINING

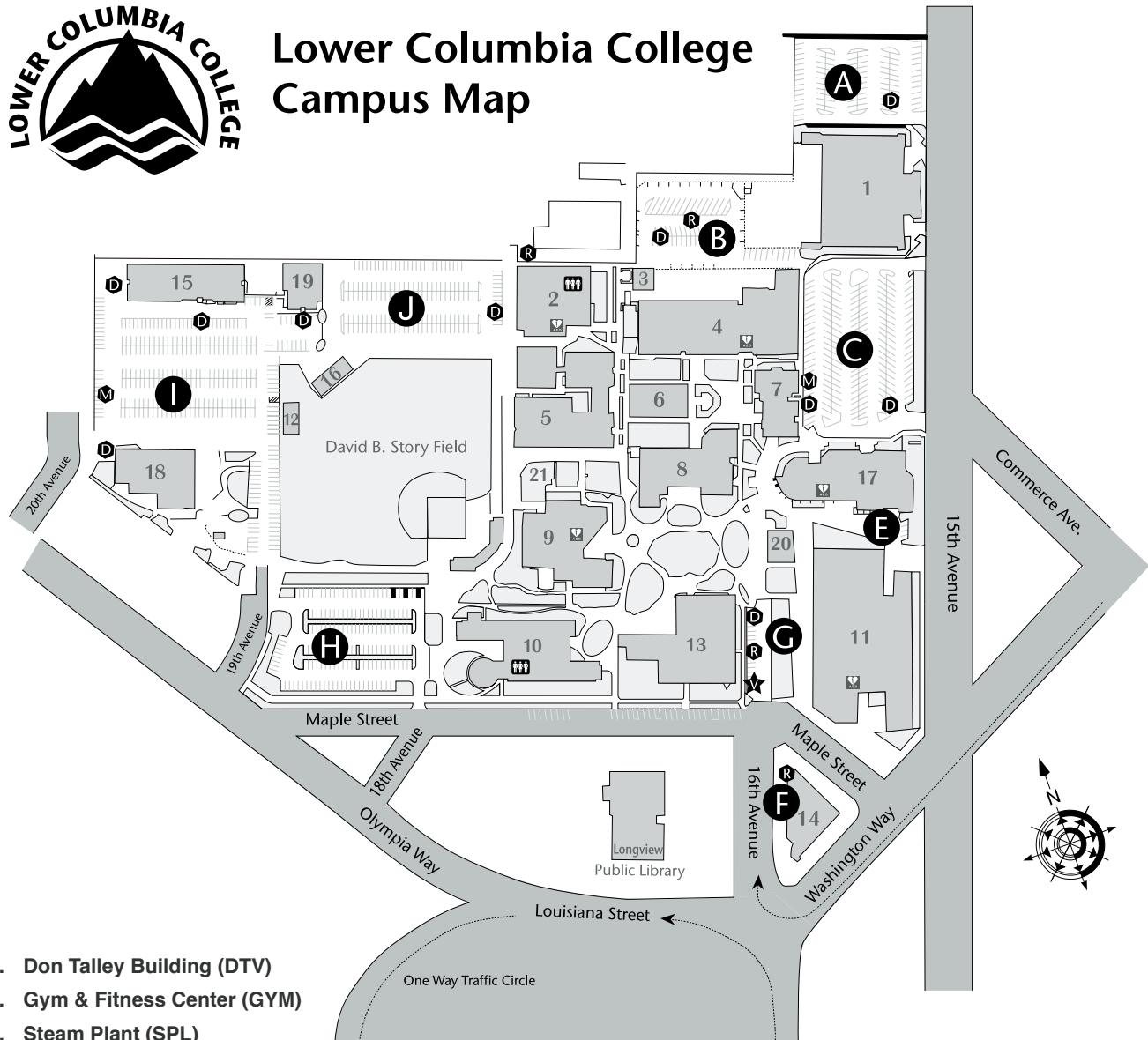
For dislocated workers and others seeking employment, training orientations are offered. Go to [startnextquarter.org](http://startnextquarter.org) to sign up, call the number below, or visit the Career Center's front desk for assistance.

360.442.2330 [lowercolumbia.edu/worker-retraining](http://lowercolumbia.edu/worker-retraining)



# Lower Columbia College Campus Map

CAMPUS MAP



1. Don Tally Building (DTV)
2. Gym & Fitness Center (GYM)
3. Steam Plant (SPL)
4. Vocational Building (VOC)
5. Applied Arts Building (AAR)
6. Science Building (SCI)
7. Physical Science Center (PSC)
8. Admissions Center (ADC)
  - Career Services
  - Cashiers
  - Disability Support Services
  - Financial Aid
  - Registration
  - Testing Center
9. Library- Alan Thompson (LIB)
  - eLearning
  - Regional University Center
  - Tutoring Center
10. Health and Science Building (HSB)
11. Rose Center for the Arts (RCA)
12. International Center (INC)
13. Main Building (MAN)
14. Administration Building (ADM)
15. Head Start/Home & Family Life (HFL)
16. Batting Barn (BTB)
17. Student Center (STC)
  - Bookstore
  - Dining
  - Student Activities Office
  - Student IDs/Information
18. Campus Services Building (CMS)
19. Head Start East Building (HSE)
20. Pavilion
21. Learning & Healing Garden

<b>A - J</b>	<b>Parking Lots</b>
<b>D</b>	<b>Disabled Parking</b>
<b>R</b>	<b>Reserved Parking</b>
<b>M</b>	<b>Motorcycle Parking</b>
<b>★</b>	<b>Visitors</b>
	<b>External Defibrillator (AED)</b>
	<b>Gender Neutral Restroom</b>

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



1600 Maple Street  
PO Box 3010  
Longview, WA 98632-0310

PERIODICALS

**WSS CAR-RT PRESORT  
RESIDENTIAL CUSTOMER**

## **Come to LCC and discover what you can be.**

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

Take a look inside and start planning your next chapter.

- What's new at LCC – page 3
- How to pay for college – page 7
- University transfer options – page 8
- Preparing for the workforce – page 9
- Special services for veterans – page 10
- Join the LCC Alumni Association – page 11
- See if you qualify for special funding for college – page 13
- Class offerings for the quarter – page 15
- Host an International Student – page 18
- Donate to the Student Success Fund – page 20
- Sign up to receive emergency text alerts from LCC – page 23
- Arts and Entertainment – page 24
- How to attend LCC tuition-free while you're in high school – page 25
- Lower Columbia Regional University Center – page 25
- Corporate and Continuing Education – page 38

**Learn more at  
[lowercolumbia.edu](http://lowercolumbia.edu)**

