



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

SUMMER 2018 CLASS SCHEDULE



SUMMER CLASSES BEGIN JULY 2

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**LCC Office Hours****Summer Office Hours****Closed Fridays, June 22 – August 31****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.**

**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.

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**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.



# Lower Columbia College is committed to reducing financial barriers for students.

*Please check out the resources below if you or someone you know is in need of help beyond traditional financial aid.*

## Ride the Bus for Free

Students, faculty and staff can ride for free on any RiverCities Transit bus. Just show your LCC Student or Employee ID. Route #32 stops at the Student Center every hour. Learn more at [lowercolumbia.edu/bus](http://lowercolumbia.edu/bus).



## Student Financial Help webpage

A number of resources are available to help LCC students with expenses, aside from traditional financial aid. Visit [lowercolumbia.edu/student-financial-help](http://lowercolumbia.edu/student-financial-help) to learn more about getting help with basic food benefits, childcare assistance, emergency expenses, textbooks, tools and supplies, transportation, tuition and fees, and veterans benefits.

## Food Pantry

LCC's Food for Thought food pantry was created to help reduce the effects of food insecurity on student success. The pantry is located in Student Center, Room 213-A and is open from 10 a.m. to 2 p.m., Monday through Thursday. Learn more at [lowercolumbia.edu/foodpantry](http://lowercolumbia.edu/foodpantry).



New!



Andrea Gillaspy-Steinhilper

## Alternative Educational Resources (AER)

AER is a term used to describe class resources that provide an alternative to expensive textbooks. Classes that utilize AER appear in the printed class schedule with an AER symbol ©. Students who want or need printed copies can order them at the Bookstore for less than \$30. A special shout out to Andrea Gillaspy-Steinhilper, adjunct reference librarian, for leading this library initiative in support of student success at LCC. Learn more at [lowercolumbia.edu/aer](http://lowercolumbia.edu/aer).

# HOW TO REGISTER

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

## New Students

Registration for new students is now open. Apply for admission - 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 22.

## Class Full? Get on the Waitlist!

Students may be added to the waitlist through the end of the day, Friday June 22. If openings occur through the third day of the quarter (July 5), 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 for current students is now open.

**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.

## Summer Dates and Deadlines

Open registration for Summer begins.....	May 1
Application deadline for Summer financial aid.....	May 21
Summer application for admission deadline.....	May 21
Last day for Summer Administrative Hold .....	June 11
Summer office hours begin .....	June 22
Last day to be added to a Waitlist.....	June 22
Summer quarter tuition due.....	June 26
Independence Day holiday .....	July 4
First day of classes .....	July 2
Last day of online registration.....	July 5
Last day to apply for Summer graduation.....	July 9
Last day for 100% tuition refund.....	July 10
Last day for 50% tuition refund.....	July 19
Last day to withdraw from classes.....	August 23
Last day of Summer classes.....	August 23
Summer finals .....	Last day your class meets

*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 1 - July 5

## 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.

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 [readystograd.org/wasfa](http://readystograd.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/Tuesday/Thursday/Friday 8 a.m. - 5 p.m.

Wednesday 11 a.m. - 2 p.m.

Summer Hours: Closed Fridays

## 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. Find out more at [lowercolumbia.edu/careercenter](http://lowercolumbia.edu/careercenter).

### 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 (May 21 for Summer 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 June 11, 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.

# I-BEST PUTS STUDENTS ON FAST TRACK TO CAREER & COLLEGE 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.

**BUS 101** Introduction to Business

**BUS 104** Business Math Applications

**BUS 144** Management of Human Relations:DIV

## **Business Technology**

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

**BTEC 148** Introduction to Outlook

## **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.

**DHET 100** Essentials of Mechanics

**DHET 104** Vehicle Climate Control

## **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.

**ECED 105** Intro to Early Childhood Education

## **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.

**MASP 111** Machine Shop I

**MASP 112** Machine Shop II

**MASP 113** Machine Shop III

## **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.

**MATH 106** Industrial Mathematics

**TECH 100** Advanced Principles of Technology

## **Medical Assistant**

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

**CS 110** Introduction to Microcomputer Applications

**MEDA 101** Medical Vocabulary I

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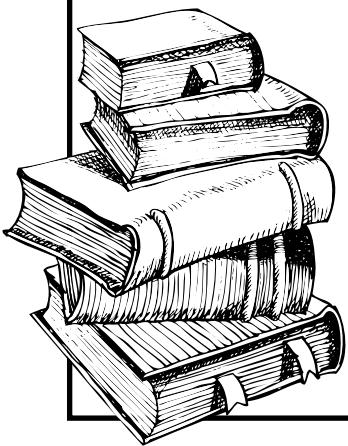
Program Specialist Jill Yates will help each student register for the classes they need: 360.442.2584 or [jyates@lowercolumbia.edu](mailto:jyates@lowercolumbia.edu)

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# Buying Your Books

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

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early. Students now have the option of renting many of their books as well.
- 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 June 8, and available in-store on June 11.



## Bookstore Hours

July 2 – August 30  
Mon-Thurs, 8 a.m.-4 p.m.,  
Closed Friday

## Spring Book Buyback

June 11, 12-4:30 p.m.  
June 12-14, 8:30 a.m.-4:30 p.m.  
June 15, 8:30 a.m.-1 p.m.

## Summer Book Buyback

Check Bookstore website in July 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 – SUMMER 2018

BIOL& 160	General Biology – 0935, 0940, 0945
BIOL& 241	Human A & P 1 – 0965, 0970
BIOL& 242	Human A & P 2 – 0985
BTEC 150	Intro to Google Apps – 1100
BTEC 155	Website Management – 1105
BUS 100	Foundations Business Success – 1175
BUS 144	Management Human Relations:DIV – 1205, 1215
CHEM& 110	Chemical Concepts w/lab – 1325
CMST& 220	Intro to Public Speaking – 3195, 3200
ECED& 100	Child Care Basics – 1700
ECON 105	Intro to Economics – 1730
ECON& 201	Micro Economics – 1735
ENGL 098	College Ready English I – 1795, 1800, 1805, 1810

ENGL 099	College Ready English II – 1825, 1830, 1835, 1840
ENGL& 101	English Composition I – 1870, 1880, 1890
ENGL& 102	Composition II – 1895
MUSC& 105	Music Appreciation – 2875
NUTR& 101	Nutrition – 2950, 2955, 2960, 2965
PSYC& 100	General Psychology – 3075, 3077, 3080
SOC& 101	Intro to Sociology:DIV – 3135



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# 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.

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

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

## Art

### ART & 100 ART APPRECIATION:DIV

0900 A 5 T 9:00a.m.-12:15p.m. MAN 119 COOPER R  
Hybrid class; partially online.

0905 DE 5 ARR ARR ARR COOPER R  
Online class.

0910 DE1 5 ARR ARR ARR COOPER R  
Online class.

### ART 101 BEGINNING DRAWING

0785 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

0786 B 3 TTh 9:00a.m.-12:45p.m. MAN 109 KOHLMEIER M  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 102 INTERMEDIATE DRAWING

0795 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.50 (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

0796 B 3 TTh 9:00a.m.-12:45p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.50 (X) 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

#### ART 103 ADVANCED DRAWING

0805 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

0806 B 3 TTh 9:00a.m.-12:45p.m. MAN 109 KOHLMEIER M  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 106 BASIC DESIGN

0815 A 5 MW 9:00a.m.-12:05p.m. MAN 109 KOHLMEIER M  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 107 BASIC DESIGN I

0820 A 5 MW 9:00a.m.-12:05p.m. MAN 109 KOHLMEIER M  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 108 BASIC DESIGN II

0825 A 3 MW 9:00a.m.-12:45p.m. MAN 109 KOHLMEIER M  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 111 BEGINNING PAINTING

0830 A 3 TTh 12:30p.m.-3:45p.m. MAN 103 COOPER R  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 112 INTERMEDIATE PAINTING

0835 A 3 TTh 12:30p.m.-3:45p.m. MAN 103 COOPER R  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 113 ADVANCED PAINTING

0840 A 3 TTh 12:30p.m.-3:45p.m. MAN 103 COOPER R  
(X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 241 BEGINNING CERAMIC ART

0845 A 3 MW 1:00p.m.-4:45p.m. MAN 104 WALLACE P  
Lab Fee: \$22.70 (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 242 INTERMEDIATE CERAMIC ART

0855 A 3 MW 1:00p.m.-4:45p.m. MAN 104 WALLACE P  
Lab Fee: \$30.80 (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 243 ADVANCED CERAMIC ART

0865 A 3 MW 1:00p.m.-4:45p.m. MAN 104 WALLACE P  
Lab Fee: \$30.80 (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

#### ART 290 ART STUDIO LAB-CERAMICS

0885 MM1 1-3 ARR ARR Instructor permission required to enroll.  
Lab Fee: \$30.80

#### ART 299 INDEPENDENT STUDY

0890 MM1 1-3 ARR ARR Instructor permission required to enroll.  
Lab Fee: \$21.70

0895 MM2 1-3 ARR ARR Instructor permission required to enroll.  
Lab Fee: \$21.70

## Course # Course Name

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

## Automotive Technology

There is a fee of \$13.00 per student per quarter for all AMTC classes.

**AMTC 100 ESSENTIALS OF MECHANICS**

0760 A 5 MT 1:00p.m.-4:45p.m. DTV 108 ROESKE G

**AMTC 104 VEHICLE CLIMATE CONTROL**

0765 A 8 MTWTh 8:00a.m.-12:05p.m. DTV 233 ROESKE G

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

**AMTC 299 INDEPENDENT STUDY**

0775 MM1 1- 5 ARR ARR DTV 108 ROESKE G

Instructor permission required to enroll.

## Astronomy

**ASTR& 101 INTRODUCTION TO ASTRONOMY**

NSL

▼ 0915 A 5 MW 9:00a.m.-12:05p.m. HSB 137 VAZQUEZ J

## Biology

**BIOL 109 ENERGY & LIFE**

NSL

▼ 0920 A 5 TWTh 1:00p.m.-2:20p.m. HSB 304 MCCORMICK C

Hybrid class; partially online.

**BIOL& 160 GENERAL BIOLOGY**

NSL

▼ 0935 DE 5 ARR ARR MYERS L

Students must also enroll in BIOL& 160 DEA. Students should be prepared to purchase online lab software called Late Nite Labs. The cost for access is \$29.95. Online class. ⊖ Uses Alternative Educational Resources.

▼ 0940 DE1 5 ARR ARR MYERS L

Students must also enroll in BIOL& 160 DEB. Students should be prepared to purchase online lab software called Late Nite Labs. The cost of access is \$29.95. Online class. ⊖ Uses Alternative Educational Resources.

▼ 0945 DE2 5 ARR ARR MYERS L

Students must also enroll in BIOL& 160 DEC. Students should be prepared to purchase online lab software called Late Nite Labs. The cost of access is \$29.95. Online class. ⊖ Uses Alternative Educational Resources.

**BIOL& 160 GENERAL BIOLOGY—LAB**

0950 DEA 0 ARR ARR ARR MYERS L

Online class.

0955 DEB 0 ARR ARR ARR MYERS L

Online class.

0960 DEC 0 ARR ARR ARR MYERS L

Online class.

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

NSL

▼ 0965 DE 5 ARR ARR ARR MEYERS R

Prerequisite: BIOL& 160 or equivalent with a grade of C or better or instructor permission. Students must also enroll for one of the lab sections, BIOL& 241 DEA or DEB.

Online class. ⊖ Uses Alternative Educational Resources.

▼ 0970 DE1 5 ARR ARR ARR MEYERS R

Prerequisite: BIOL& 160 or equivalent with a grade of C or better or instructor permission. Students must also enroll for one of the lab sections, BIOL& 241 DEA or DEB.

Online class. ⊖ Uses Alternative Educational Resources.

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

▼ 0975 DEA 0 ARR ARR ARR MEYERS R

Online class.

▼ 0980 DEB 0 ARR ARR ARR MEYERS R

Online class.

**BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2**

NSL

▼ 0985 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 the lab section BIOL& 242 DEA.

Online class. ⊖ Uses Alternative Educational Resources.

**BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2—LAB**

▼ 0990 DEA 0 ARR ARR ARR MEYERS R

Online class.

## Business Administration

**BUS 100 FOUNDATIONS BUSINESS SUCCESS**

▼ 1175 A 5 MW 10:00a.m.-12:50p.m. AAR 105 GAITHER M

Hybrid class; partially online. ⊖ Uses Alternative Educational Resources.

**BUS& 101 INTRODUCTION TO BUSINESS**

SS

▼ 1270 A 5 TTh 9:00a.m.-10:40a.m. AAR 108 CUMMINGS D

Hybrid class; partially online.

▼ 1275 DE 5 ARR ARR ARR ALLWINE T

Online class.

**BUS 104 BUSINESS MATH**

SS

▼ 1190 A 5 TTh 11:30a.m.-1:00p.m. HSB 104 CUMMINGS D

Hybrid class; partially online.

**BUS 144 MANAGEMENT OF HUMAN RELATIONS:DIV**

D

▼ 1205 A 5 TTh 3:00p.m.-5:00p.m. PSC 104 STUART M

Hybrid class; partially online. ⊖ Uses Alternative Educational Resources.

▼ 1215 DE 5 ARR ARR ARR ALLWINE T

Online class. ⊖ Uses Alternative Educational Resources.

**BUS 206 STATISTICAL METHODS**

NS

1230 A 5 MTWTh 9:00a.m.-10:25a.m. HSB 105 HEBERT M

⊗ Course is cross-listed as BUS 206 and Math 210.

▼ 1235 DE 5 ARR ARR ARR MALOZZI J

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

Online class. ⊗ Course is cross-listed as BUS 206 and MATH 210.

## Course # Course Name

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

## 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 Thursday 9 am to 3:45 p.m., testing is Monday-Thursday 9 a.m. to 2 p.m. Students must have photo ID to use the computer labs. Unless otherwise noted, a computer lab fee is charged for BTEC Lab courses. Please contact the lab at 360.442.2710 if you have any questions.

**BTEC 100 COMPUTER KEYBOARDING**

0995 P 1-3 ARR ARR AAR 110 GAITHER M

This course is graded on a Pass/Fail basis only. Students must sign up for orientation in AAR 109, Lab 5. Please allow one hour for this orientation.

**BTEC 105 KEYBOARDING SPEED/ACCURACY BUILDING**

1010 P 1-4 ARR ARR AAR 110 GAITHER M

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

**BTEC 130 ELECTRONIC CALCULATORS**

1030 P 1-2 ARR ARR AAR 110 GAITHER M

No computer lab fee.

**BTEC 131 INTRODUCTION TO SPREADSHEETS**

▼ 1035 DE 5 ARR ARR AAR 110 LEMMONS N

No computer lab fee.

Online class.

**BTEC 144 ONENOTE FUNDAMENTALS**

▼ 1050 P 1 ARR ARR AAR 110 GAITHER M

**BTEC 145 INTRODUCTION TO MS WORD**

▼ 1060 P 1-5 ARR ARR AAR 110 GAITHER M

**BTEC 146 POWERPOINT FUNDAMENTALS**

▼ 1070 P 1-2 ARR ARR AAR 110 GAITHER M

**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

▼ 1075 P 1-3 ARR ARR AAR 110 GAITHER M

Prerequisite: BTEC 145 or equivalent.

**BTEC 148 INTRODUCTION TO OUTLOOK**

▼ 1080 A 2 W 11:00a.m.-12:00p.m. AAR 109E HOMME S

Hybrid class; partially online.

**BTEC 149 INTERNET FUNDAMENTALS**

▼ 1095 P 1 ARR ARR AAR 110 GAITHER M

**BTEC 150 INTRODUCTION TO GOOGLE APPS**

▼ 1100 P 1-3 ARR ARR AAR 110 GAITHER M

② Uses Alternative Educational Resources.

**BTEC 155 WEBSITE MANAGEMENT**

▼ 1105 P 3 ARR ARR AAR 110 GAITHER M

② Uses Alternative Educational Resources.

**BTEC 156 INTRODUCTION TO MS VISIO**

▼ 1110 P 2 ARR ARR AAR 110 GAITHER M

**BTEC 157 INTRODUCTION TO MS PROJECT**

▼ 1115 P 2 ARR ARR AAR 110 GAITHER M

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

▼ 1120 A 2 T 9:00a.m.-10:15a.m. AAR 105 GAITHER M

Hybrid class; partially online.

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 1125 DE 3 ARR ARR AAR 110 LEMMONS N

No computer lab fee.

Online class.

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 1135 DE 3 ARR ARR AAR 110 LEMMONS N

No computer lab fee.

Online class.

## Chemistry

**CHEM& 100 PREPARATORY CHEMISTRY**

1320 A 5 MTWTh 9:00a.m.-10:25a.m. HSB 123 MCCORMICK C

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

▼ 1325 DE 5 ARR ARR AAR 110 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 costs \$50.00.

Online class. ② Uses Alternative Educational Resources.

**CHEM& 121 INTRODUCTION TO CHEMISTRY**

1330 A 5 MTWTh 10:30a.m.-11:30a.m. HSB 123 MCCORMICK C

M 12:00p.m.-3:45p.m. HSB 332 MCCORMICK C

Lab included. Lab Fee: \$14.40

**CHEM& 163 GENERAL CHEMISTRY III**

1333 A 5 MTWTh 9:00a.m.-10:00a.m. HSB 101 WOLFER A

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

Lab Fee: \$25.90

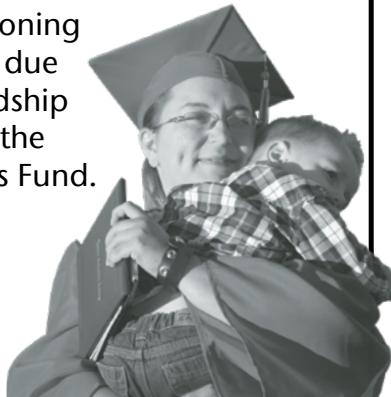
**CHEM& 163 GENERAL CHEMISTRY III—LAB**

1332 LA 0 T 12:00p.m.-3:00p.m. HSB 332 WOLFER A

WOLFER A

## You Can Make a Difference!

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



[lowercolumbia.edu/foundation](http://lowercolumbia.edu/foundation)  
or call 360.442.2130 to learn more

**Course # Course Name**

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

## College Success

**COLL 074 MATH SUCCESS**

▼ 1495 A 2 ARR ARR ARR BABBIK L  
Online class. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

Start Date: 08/06/18 End Date: 08/23/18

▼ 1496 DE 2 ARR ARR ARR BABBIK L  
Online class. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

Start Date: 08/06/18 End Date: 08/23/18

▼ 1497 DE1 2 ARR ARR ARR BABBIK L  
Online class. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

Start Date: 08/06/18 End Date: 08/23/18

**COLL 101 FIRST YEAR SEMINAR I**

▼ 1500 A 2 MW 7:30a.m.-8:40a.m. VOC 111 ENGEL E

▼ 1505 B 2 TTh 11:00a.m.-12:10p.m. AAR 104 AKINS-FIELDS

▼ 1510 C 2 TTh 1:00p.m.-2:10p.m. VOC 111 ENGEL E

▼ 1515 DE 2 ARR ARR ARR MYERS L

Online class.

**COLL 102 FIRST YEAR SEMINAR II**

▼ 1525 A 2 MW 8:00a.m.-9:10a.m. AAR 106 AKINS-FIELDS

## Communication Studies

**CMST& 210 INTERPERSONAL COMMUNICATION**

▼ 3208 DE 5 ARR ARR ARR NEILL S  
Online class.

**CMST& 220 PUBLIC SPEAKING**

▼ 3185 A 5 MW 9:00a.m.-12:05p.m. RCA 220 BREHM A

▼ 3190 B 5 TTh 9:00a.m.-12:05p.m. RCA 220 BREHM A

▼ 3195 DE 5 ARR ARR ARR GORDON S

Online class. ☒ Uses Alternative Educational Resources.

▼ 3200 DE1 5 ARR ARR ARR GORDON S

Online class. ☒ Uses Alternative Educational Resources.

**CMST& 230 SMALL GROUP COMMUNICATION**

▼ 3205 DE 5 ARR ARR ARR GORDON S  
Online class.

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



## Computer Science

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

**CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS**

▼ 1550 A 3 MTWTh 1:00p.m.-1:50p.m. AAR 109E HOMME S

▼ 1560 DE 3 ARR ARR ARR ROSI D

No computer lab fee.

Online class.

## 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	0725	CDS 288	1295	IT 288	2475
ACCT 289	0735	CDS 289	1300	IT 289	2480
AH 288	0750	CJ 288	1340	MFG 288	2840
AH 289	0755	CJ 289	1345	MFG 289	2845
AMTC 289	0770	ECED 288	1690	MEDA 288	2830
ART 288	0875	ECED 289	1695	MEDA 289	2835
ART 289	0880	ENGR 288	1915	PSYC 288	3065
BUS 288	1250	ENGR 289	1920	PSYC 289	3070
BUS 289	1255	HLTH 288	2160	WELD 288	3415
BTEC 288	1150	HLTH 289	2165	WELD 289	3420
BTEC 289	1160	HDEV 288	2095		
		HDEV 289	2100		

## Diesel/Heavy Equipment Tech

There is a fee of \$13.00 per student per quarter for all DHET classes.

**DHET 104 VEHICLE CLIMATE CONTROL**

1625 A 8 MTWTh 8:00a.m.-12:05p.m. DTV 233 ROESKE G

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

**DHET 299 INDEPENDENT STUDY**

1650 MM1-5 ARR ARR DILLINGER J

Instructor permission required to enroll.

Course # Course Name

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

## Early Childhood Education

**ECED & 100 CHILD CARE BASICS**

▼ 1700 DE 3 ARR ARR AKINS-FIELDS  
 Online class. (E) Uses Alternative Educational Resources.

**ECED & 105 INTRODUCTION EARLY CHILD EDUCATION**

▼ 1705 A 5 W 4:00p.m.-5:30p.m. SCI 102 ZBAEREN J  
 Hybrid class; partially online.

## Economics

**ECON 105 INTRODUCTION TO ECONOMICS**

▼ 1730 DE 5 ARR ARR SS FRANZ J  
 Contact instructor at jfranz@lowercolumbia.edu for more information.  
 Online class. (E) Uses Alternative Educational Resources.

**ECON & 201 MICRO ECONOMICS**

▼ 1735 DE 5 ARR ARR SS FRANZ J  
 Contact instructor at jfranz@lowercolumbia.edu for more information.  
 Online class. (E) Uses Alternative Educational Resources.

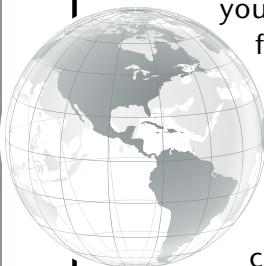
## Education

**EDUC & 203 EXCEPTIONAL CHILD**

▼ 1780 DE 3 ARR ARR ZBAEREN J  
 Online class.

### 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).

## English

**ENGL 098 COLLEGE READY ENGLISH I**

▼ 1795 A 5 MTWTh 9:00a.m.-10:25a.m. VOC 111 HAYNES J  
 (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

▼ 1800 B 5 MTWTh 11:00a.m.-12:25p.m. VOC 111 HAYNES J  
 (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

▼ 1805 C 5 MTWTh 1:30p.m.-2:55p.m. AAR 104 HAYNES J  
 (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

▼ 1810 DE 5 ARR ARR HAYNES J  
 Online class. (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

**ENGL 099 COLLEGE READY ENGLISH II**

▼ 1825 A 5 MTWTh 9:00a.m.-10:25a.m. VOC 111 HAYNES J  
 (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

▼ 1830 B 5 MTWTh 11:00a.m.-12:25p.m. VOC 111 HAYNES J  
 (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

▼ 1835 C 5 MTWTh 1:30p.m.-2:55p.m. AAR 104 HAYNES J  
 (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

▼ 1840 DE 5 ARR ARR HAYNES J  
 Online class. (E) Course is clustered with other class sections that meet at the same time, in the same classroom. (E) Uses Alternative Educational Resources.

**ENGL & 101 ENGLISH COMPOSITION I**

▼ 1870 A 5 MTW 8:30a.m.-10:25a.m. MAN 146 LEAVENS A  
 (E) Uses Alternative Educational Resources.

▼ 1880 DE 5 ARR ARR ARR DIGERLANDO N  
 Online class. (E) Uses Alternative Educational Resources.

▼ 1890 DE1 5 ARR ARR ARR DIGERLANDO N  
 Online class. (E) Uses Alternative Educational Resources.

**ENGL & 102 COMPOSITION II**

▼ 1895 A 5 MW 9:00a.m.-12:05p.m. AAR 108 NORWOOD K  
 (E) Uses Alternative Educational Resources.

▼ 1900 DE 5 ARR ARR ARR MCCARTHY D  
 Online class.

▼ 1905 DE1 5 ARR ARR ARR MCCARTHY D  
 Online class.

**ENGL 110 INDUSTRIAL COMMUNICATION**

▼ 1907 A 5 MW 3:00p.m.-5:00p.m. AAR 128 DIGERLANDO N  
 Hybrid class; partially online.  
 Start Date: 07/02/18 End Date: 08/08/18

**ENGL 204 THE NOVEL**

▼ 1908 DE 5 ARR ARR H MCCARTHY D  
 Online class.

**Course # Course Name**

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**History****HIST& 128 WORLD CIVILIZATIONS III:DIV**

▼ 2110 DE 5 ARR ARR  
Online class.

SS,D

ARR

SHAH C

**HIST& 136 US HISTORY 1**

▼ 2120 DE 5 ARR ARR  
Online class.

SS

ARR

VAUGHN C

**Health**

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

**HLTH 100 OCCUPATIONAL SAFETY AND HEALTH**

2135 A 3 FSa 8:00a.m.-5:10p.m. DTV 202 JOHNSON B  
This class meets July 6, July 7, July 13 and July 14.

▼ 2145 HB 3 ARR ARR DTV 202 JOHNSON B  
Orientation will be online. Check your CANVAS account for information. The 1st Aid CPR training will be on Tuesday, July 10 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**

2155 A 1 M 1:00p.m.-2:50p.m. DTV 202 JOHNSON B  
Class meets on Mondays, July 9, 16, 23, 30, and August 6.

**Humanities****HUM 104 ETHICS AND CULTURAL VALUES:DIV**

▼ 2290 DE 5 ARR ARR  
Online class.

D,H

ARR

LEACH M

**HUM& 117 HUMANITIES II**

▼ 2295 DE 5 ARR ARR  
Online class.

H

ARR

LEACH M

**MASP 204 CNC MACHINING CENTER FUNDAMENTALS**

2565 MK 3 ARR ARR ARR SHEPHERD N

**MASP 205 CNC TURNING CTR FUNDAMENTALS**

2570 MK 3 ARR ARR ARR SHEPHERD N

**MASP 299 INDEPENDENT STUDY**

2575 MM 2 ARR ARR STAFF

HIST – MASP

**Machine Trades**

There is a fee of \$13.00 per student per quarter for all MASP classes.

**MASP 107 MACHINING FOR RELATED OCCUPATIONS**

2540 A 2-6 MTWTh 8:00a.m.-10:45p.m. VOC 114 SHEPHERD N

Note: This course may be taken for 2 - 6 credits only. Students will arrange class schedule with instructor on first day of the quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

**MASP 111 MACHINE SHOP I**

2545 A 2-10 MTWTh 8:00a.m.-12:50p.m. VOC 114 SHEPHERD N

Note: This course may be taken for 2 - 10 credits only. Students will arrange class schedule with instructor on first day of the quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

**MASP 112 MACHINE SHOP II**

2550 A 2-10 MTWTh 8:00a.m.-12:50p.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. Students will arrange class schedule with instructor on first day of the quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

**MASP 113 MACHINE SHOP III**

2555 A 2-10 MTWTh 8:00a.m.-12:50p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 112.

Note: This course may be taken for 2 - 10 credits only. Students will arrange class schedule with instructor on first day of the quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

**MASP 114 MACHINE SHOP IV**

2560 A 2-10 MTWTh 8:00a.m.-12:50p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 113.

Note: This course may be taken for 2 - 10 credits only. Students will arrange class schedule with instructor on first day of the quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

**Ride Free with LCC Student ID!**

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



# Save Money – Attend LCC This Summer

LCC offers a wide array of general education courses in the summer that transfer to public and private universities at a fraction of the cost. Don't just take our word for it! Find out how much you can save through cost comparisons provided by the Washington State Achievement Council at [www.wsac.wa.gov/tuition-and-college-costs](http://www.wsac.wa.gov/tuition-and-college-costs). LCC's rates are included in the category labeled "Community & Technical Colleges."

Be sure to check with your university advisor about degree requirements, then visit [lowercolumbia.edu](http://lowercolumbia.edu) to get started!

## Popular LCC Summer Classes for University Students

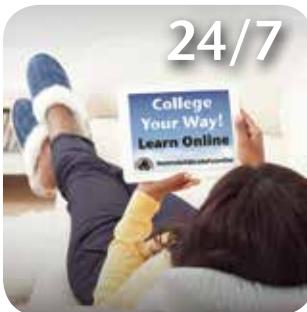
Consider completing one or more of these transferable Summer courses at LCC to satisfy requirements for your bachelor's degree. For course dates and times, plus options for online sections, see the course listings in this schedule or online at [lowercolumbia.edu/classes](http://lowercolumbia.edu/classes). Check with your university advisor about other LCC Summer courses that will meet your degree requirements.

ART 101	Beginning Drawing	BTEC 155	Website Management	HLTH 105	First Aid, CPR & BB Pathogens
ART 102	Intermediate Drawing	BTEC 156	Introduction to MS Visio	HUM 104	Ethics/Cultural Values:DIV
ART 103	Advanced Drawing	BTEC 157	Introduction to MS Project	HUM& 117	Humanities II
ART 106	Basic Design	BTEC 181	Medical Terminology I	MATH 210	Elements of Statistics
ART 107	Basic Design I	BTEC 148	Introduction to Outlook	MATH& 107	Math in Society
ART 108	Basic Design II	BUS 100	Foundations Business Success	MATH& 141	Precalculus I
ART 111	Beginning Painting	BUS 104	Business Math Applications	MATH& 142	Precalculus II
ART 112	Intermediate Painting	BUS 144	Mgmt of Human Relations:DIV	MATH& 153	Calculus III
ART 113	Advanced Painting	BUS 206	Statistical Methods	MUSC 119	American Music:DIV
ART 241	Beginning Ceramic Art	BUS& 101	Introduction to Business	MUSC 121	Beginning Guitar
ART 242	Intermediate Ceramic Art	CHEM& 100	Preparatory Chemistry	MUSC& 105	Music Appreciation
ART 243	Advanced Ceramic Art	CHEM& 110	Chemical Concepts w/lab	NUTR& 101	Nutrition
ART& 100	Art Appreciation:DIV	CHEM& 121	Introduction to Chemistry	OCEA& 101	Introduction to Oceanography
ASTR& 101	Introduction to Astronomy	CHEM& 163	General Chemistry III	PHED 105	Beginning Pilates & Yoga
BIOL 109	Energy & Life: Biological Sciences	CMST& 210	Interpersonal Communication	PHED 205	Intermediate Pilates & Yoga
BIOL& 160	General Biology	CMST& 220	Public Speaking	PHED 128	Weight Training
BIOL& 241	Human A & P 1 w/lab	CMST& 230	Small Group Communication	PHED 228	Weight Training
BIOL& 242	Human A & P 2 w/lab	COLL 101	First Year Seminar I	PHED 152	Personalized Fitness
BTEC 131	Introduction to Spreadsheets	COLL 102	First Year Seminar II	PHED 252	Personalized Fitness
BTEC 100	Computer Keyboarding	CS 110	Microcomputer Applications	PSYC& 100	General Psychology
BTEC 105	Keyboarding Speed/Accuracy	CS 121	Introduction to Spreadsheets:Excel	PSYC& 200	Lifespan Psychology
BTEC 130	Electronic Calculators	ECON 105	Introduction to Economics	SOC& 101	Introduction to Sociology:DIV
BTEC 144	Onenote Fundamentals	ECON& 201	Micro Economics	SPAN& 121	Spanish I:DIV
BTEC 145	Introduction to MS Word	ENGL 204	The Novel	SPAN& 121	Spanish I:DIV
BTEC 146	Powerpoint Fundamentals	ENGL& 101	English Composition I	SPAN& 122	Spanish II:DIV
BTEC 147	Introduction to Desktop Publishing	ENGL& 102	Composition II	SPAN& 123	Spanish III:DIV
BTEC 149	Internet Fundamentals	HIST& 128	World Civilization III:DIV	SPAN& 221	Spanish IV
BTEC 150	Introduction to Google Apps	HIST& 136	US History 1	SPAN& 222	Spanish V
				SPAN& 223	Spanish VI

# College Your Way: Flexible Choices



convenient



24/7



flexible

## 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.

### LCC ONLINE CLASSES – SUMMER 2018

ART& 100	Art Appreciation:DIV	HIST& 136	Us History 1
BIOL& 160	General Biology	HUM 104	Ethics and Cultural Values:DIV
BIOL& 241	Human A & P 1	HUM& 117	Humanities II
BIOL& 242	Human A & P 2	*MATH 078/079	Pre-College Math I
BTEC 131	Introduction to Spreadsheets	*MATH 088/089	Pre-College Math II
BTEC 181	Medical Terminology I	*MATH 098/099	Pre-College Math III
BTEC 182	Medical Terminology II	MATH 210	Elements of Statistics
BUS 144	Management of Human Relations:DIV	MATH& 107	Math in Society
BUS 206	Statistical Methods	MEDA 205	Certification Review for Medical Assisting
BUS& 101	Introduction to Business	MUSC 119	American Music:DIV
CHEM& 110	Chemical Concepts with lab	MUSC& 105	Music Appreciation
CMST& 210	Interpersonal Communication	NUTR& 101	Nutrition
CMST& 220	Intro to Public Speaking	OCEA& 101	Introduction to Oceanography
CMST& 230	Small Group Communication	PHED 152	Personalized Fitness
COLL 074	Math Success	PHED 252	Personalized Fitness
COLL 101	First Year Seminar I	PSYC& 100	General Psychology
CS 110	Microcomputer Applications	PSYC& 200	Lifespan Psychology
ECED& 100	Child Care Basics	SOC& 101	Intro to Sociology:DIV
ECON 105	Introduction to Economics	*SPAN& 121	Spanish I:DIV
ECON& 201	Micro Economics	*SPAN& 122	Spanish II:DIV
EDUC& 203	Exceptional Child	*SPAN& 123	Spanish III:DIV
ENGL 098	College Ready English I	*SPAN& 221	Spanish IV
ENGL 099	College Ready English I	*SPAN& 222	Spanish V
ENGL 204	The Novel	*SPAN& 223	Spanish VI
ENGL& 101	English Composition I		
ENGL& 102	Composition II		
HIST& 128	World Civilizations III:DIV		

\*These courses do not use Canvas

### 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 and 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.

## Course # Course Name

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

## 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. These classes are listed as section P.

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

2585 A 1 MTWTh 9:00a.m.-10:25a.m. SCI 108 SKEIE M  
Start Date: 07/02/18 End Date: 07/19/18  
2590 P 1 MTWTh ARR AAR 110 MAC

#### MATH 078 PRE-COLLEGE MATH I

2586 A 3 MTWTh 9:00a.m.-10:25a.m. SCI 108 SKEIE M  
Start Date: 07/23/18 End Date: 08/23/18

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

2605 and 2606 C MTWTh 7:30a.m.-8:55a.m. SCI 108 SKEIE M  
2648 and 2649 DE ARR ARR MAC  
Online class.  
2610 and 2611 E MTWTh 1:30p.m.-2:55p.m. HSB 106 BYKER B  
2615 and 2616 P MTWTh ARR AAR 110 MAC

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

2640 and 2641 A MTWTh 7:30a.m.-10:00a.m. HSB 107 STETZER J

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

2650 and 2651 DE ARR ARR MAC  
Online class.  
2655 and 2656 G MTWTh 9:00a.m.-10:25a.m. MAN 145 MORRISON D  
2660 and 2680 P MTWTh ARR AAR 110 MAC

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

2695 and 2696 DE ARR ARR MAC  
Online class.  
2700 and 2701 J MTWTh 10:30a.m.-11:55a.m. MAN 145 MORRISON D  
2705 and 2706 P MTWTh ARR AAR 110 MAC

### College-Level Math

#### MATH 106 INDUSTRIAL MATHEMATICS

2735 A 5 MTWTh 10:30a.m.-11:55a.m. VOC 112

BYKER B

#### MATH & 107 MATH IN SOCIETY

▼ 2775 DE 5 ARR ARR

ARR

BENJAMIN B

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

Online class.

#### MATH & 141 PRECALCULUS I

2780 A 5 MTWTh 10:30a.m.-11:55a.m. PSC 102

NS

MALOZZI J

#### MATH & 142 PRECALCULUS II

2790 A 5 MTWTh 10:30a.m.-11:55a.m. HSB 105

NS

HEBERT M

#### MATH & 153 CALCULUS III

2800 A 5 MTWTh 9:00a.m.-10:25a.m. PSC 102

NS

MALOZZI J

#### MATH 210 ELEMENTS OF STATISTICS

2750 A 5 MTWTh 9:00a.m.-10:25a.m. HSB 105

NS

⊗ Course is cross-listed as BUS 206 and Math 210.

▼ 2755 DE 5 ARR ARR

ARR

MALOZZI J

Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or [helpdesk@lowercolumbia.mylabsplus.com](mailto:helpdesk@lowercolumbia.mylabsplus.com)  
Online class. ⊗ Course is cross-listed as BUS 206 and MATH 210.

#### 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

### 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.

#### 2 Day Intensive Session

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

## Course # Course Name

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

## Medical Assisting

**MEDA 101 MEDICAL VOCABULARY I**

▼ 2805 A 3 MW 1:00p.m.-2:45p.m. HSB 244 ENGEL E

**MEDA 190 MEDICAL ASSISTING TO PRECEPTORSHIP**

▼ 2815 A 5 ARR ARR Lab Fee: \$17.50 ENGEL E

**MEDA 195 MEDICAL ASSISTING SEMINAR**

▼ 2820 A 1 T 3:30p.m.-4:40p.m. HSB 244 ENGEL E  
Hybrid class; partially online.

**MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTING**

▼ 2825 DE 2 ARR ARR Online class. SOLADEY V

## Music

**MUSC& 105 MUSIC APPRECIATION**

▼ 2875 DE 5 ARR ARR CHALLEED G  
Online class. (E) Uses Alternative Educational Resources.

**MUSC 119 AMERICAN MUSIC:DIV**

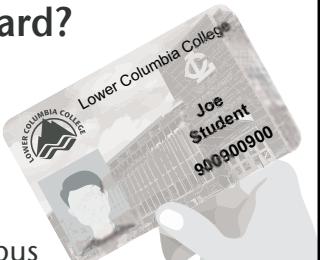
▼ 2855 DE 5 ARR ARR HARBAUGH K  
Online class.

**MUSC 121 BEGINNING GUITAR**

▼ 2870 A 2 T 2:00p.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.

**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



**You may pick up or renew your LCC Student ID at the Bookstore in the Student Center during normal business hours!**

## 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.

**NURS 090 NURSING ASSISTANT**

▼ 2880 A 8 ARR ARR HSB 249 MACLAREN A  
Instructor permission required to enroll.  
Lab Fee: \$50.30

▼ 2895 L 0 ARR ARR HSB 246 WARTHEN J  
Instructor permission required to enroll.  
Lab Fee: \$49.10

▼ 2890 LA 0 ARR AAR HSB 246 MACLAREN A  
Instructor permission required to enroll.  
Lab Fee: \$49.10

## Nutrition

**NUTR& 101 NUTRITION**

▼ 2945 A 5 TTh 3:00p.m.-4:20p.m. HSB 104 MCCORMICK C  
Hybrid class; partially online.

▼ 2950 DE 5 ARR ARR ROSS E  
Online class. (E) Uses Alternative Educational Resources.

▼ 2955 DE1 5 ARR ARR ROSS E  
Online class. (E) Uses Alternative Educational Resources.

▼ 2960 DE2 5 ARR ARR ROSS E  
Online class. (E) Uses Alternative Educational Resources.

▼ 2965 DE3 5 ARR ARR ROSS E  
Online class. (E) Uses Alternative Educational Resources.

## Oceanography

**OCEA& 101 INTRODUCTION TO OCEANOGRAPHY**

▼ 2970 DE 5 ARR ARR NSL  
Online class.  
Lab Fee: \$11.80 KHANDRO L

## Course # Course Name

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

## Physical Education

A \$7.80 fee is charged for each Physical Education class.

**PHED 105 BEGINNING PILATES & YOGA**

2990 A 1 TTh 9:00a.m.-10:10a.m. GYM 210 SKERBECK C

**PHED 128 WEIGHT TRAINING**

▼ 3005 A 1-2 MW 9:00a.m.-10:05a.m. GYM 113 MYERS L  
Hybrid class; partially online. ☒ Course is clustered with other class sections that meet at the same time, in the same classroom.

**PHED 152 PERSONALIZED FITNESS**

▼ 3010 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.

▼ 3015 DE1 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 205 INTERMEDIATE PILATES & YOGA**

3020 A 1 TTh 9:00a.m.-10:10a.m. GYM 210 SKERBECK C

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

**PHED 228 WEIGHT TRAINING**

▼ 3035 A 1-2 MW 9:00a.m.-10:05a.m. GYM 113 MYERS L

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

**PHED 252 PERSONALIZED FITNESS**

▼ 3040 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.

▼ 3045 DE1 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.

## Psychology

**PSYC& 100 GENERAL PSYCHOLOGY**

SS

3075 A 5 MW 9:00a.m.-12:05p.m. MAN 235 WEAVER N

☒ Uses Alternative Educational Resources.

3077 B 5 MW 1:00p.m.-4:00p.m. MAN 235 STAFF

☒ Uses Alternative Educational Resources.

▼ 3085 DE 5 ARR ARR TUCKER J

Online class.

**PSYC& 200 LIFESPAN PSYCHOLOGY**

SS

▼ 3095 A 5 MW 9:00a.m.-12:05p.m. PSC 104 RICHIE G

▼ 3100 DE 5 ARR ARR RICHIE G

Online class.

## EVENING CLASSES

**PSYC& 100 GENERAL PSYCHOLOGY**

SS

▼ 3090 N 5 W 5:30p.m.-8:00p.m. HSB 107 TUCKER J

Hybrid class; partially online.

## Sociology

**SOC& 101 INTRODUCTION TO SOCIOLOGY:DIV**

D, SS

3135 A 5 TTh 9:00a.m.-12:05p.m. MAN 235 WEAVER N

☒ Uses Alternative Educational Resources.

▼ 3145 DE 5 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.

**SPAN& 121 SPANISH I:DIV**

D, H

3150 A 5 MTWTh 9:00a.m.-10:25a.m. AAR 104 EMERSON A

3155 DE 5 ARR ARR ARR EMERSON A

Online class.

**SPAN& 122 SPANISH II:DIV**

D, H

3160 DE 5 ARR ARR ARR EMERSON A

Online class.

**SPAN& 123 SPANISH III:DIV**

D, H

3165 DE 5 ARR ARR ARR EMERSON A

Online class.

**SPAN& 221 SPANISH IV**

D, H

3170 DE 5 ARR ARR ARR EMERSON A

Online class.

**SPAN& 222 SPANISH V**

H

3175 DE 5 ARR ARR ARR EMERSON A

Online class.

**SPAN& 223 SPANISH VI**

H

3180 DE 5 ARR ARR ARR EMERSON A

Online class.

## Technology

**TECH 100 ADVANCED PRINCIPLE/TECHNOLOGY**

H

3235 A 5 MTW 1:00p.m.-2:55p.m. VOC 115 DILLINGER J

## Course # Course Name

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

**WELD 105 RELATED WELDING I**

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

▽ 3335 A	1-6 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3340 B	1-6 MTWTh	8:00a.m.-12:50p.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.

▽ 3345 A	1-6 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3350 B	1-6 MTWTh	8:00a.m.-12:50p.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.

▽ 3355 A	1-10 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3360 B	1-10 MTWTh	8:00a.m.-12:50p.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.

▽ 3365 A	1-10 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3370 B	1-10 MTWTh	8:00a.m.-12:50p.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.

▽ 3375 A	6 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3380 B	6 MTWTh	8:00a.m.-12:50p.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.

▽ 3385 A	1-10 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3390 B	1-10 MTWTh	8:00a.m.-12:50p.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.

▽ 3395 A	1-10 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3400 B	1-10 MTWTh	8:00a.m.-12:50p.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.

▽ 3405 A	1-10 MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
▽ 3410 B	1-10 MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R

**WELD 299 INDEPENDENT STUDY**

▽ 3425 A	1-10	ARR	PITTSLEY D
▽ 3430 B	1-10	ARR	MILLER R

## Make LCC Your Smart Choice!

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

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

## Get Started Today!

### Future Student Check List:

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

# 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.

## *Get Creative this Summer!*

### *Unwind, take a break... summer is here!*

#### **Ceramics for Fun 1-NEW!**

This short term series provides an opportunity for anyone who has no prior or very limited experience with clay to get familiar with this versatile medium. The class will focus on hand building techniques and various decorating/glazing skills. It will finish with an exciting RAKU firing and a potluck. Instructor will begin each class with demonstrations and then assist students with their projects. Instructor will also assist students with prior experience to develop their own skill sets and work on individual projects. MAN 104 (Wallace) \$84 *includes \$15 supply fee*

CLCE 017 A 8080 MW 7/11-7/30 6-8 p.m.

#### **Ceramics for Fun 2-NEW!**

This series provides an opportunity for students in the previous series to continue to develop their skills and projects. The class will continue on more advanced hand building techniques with an introduction to wheel throwing. Also, more decorating/glazing techniques will be introduced. The class will finish with another exciting RAKU firing called Obvara and a potluck. Instructor will begin each class with demonstrations and then assist students with their projects. MAN 104 (Wallace) \$84 *includes \$15 supply fee*

CLCE 017 B 8081 MW 8/1-8/20 6-8 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

CLCE 018 C 8095 Th 6/28-8/23 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 7/4*

CLCE 018 B 8090 W 6/27-8/29 5-8 p.m.

#### **College of Collage**

Experience the endless creative possibilities of collage. Few art methods allow such flexibility and personal narrative. This course will cover techniques for determining subject matter, integrating a variety of materials, and personalizing imagery. We will learn about adhesives, surfaces, and combinations of drawing and painting materials used in collage. MAN 109 (Wade) \$89

CLCE 018 A 8085 M 6/25-8/20 5-7 p.m.

#### **Metal Art**

This class will inspire you to find scraps and assist you in exploring different techniques to express your creative side. You will review safety and welding techniques and develop 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

CLCE 019 A 8105 M 7/2-8/27 6-8 p.m.



# ENGAGE YOUNG MINDS

Corporate and Continuing Education offers classes and workshops throughout the year to engage your children in fun educational experiences.

## Kid's College

July & August

Coming this summer

## Family Stem Night

September

Contact 360.442.2610 or 360.442.2611 for more info or visit [lowercolumbia.edu/stem](http://lowercolumbia.edu/stem)

## Art in the Garden

Cowlitz Master Gardeners and LCC

Coming October 13, 2018

Stay tuned for more information!

## Travel & Outdoors

### Willamette Valley Lavender Festival & Plein Air Art Show-NEW!

The Chehalem Cultural Center in Newberg, Oregon is host to Oregon's largest lavender celebration. Spend a leisurely day enjoying a variety of juried art and craft booths, distinctive lavender products, the plein air art show, and lavender in myriad forms. Talented musicians set the mood while you feast on lavender cuisine and enjoy a glass of local beer or wine. You may even want to try your hand at lavender crafts! Transportation to and from Newberg, Oregon is provided. Meals and other activities on your own. (Wade) \$30

CLCE 038 A 8550 Sa 7/14 9 a.m.-5 p.m.

### Washington State International Kite Festival-NEW!

Washington's Kite Festival draws famous kite fliers from all around the world. The skies of Long Beach are ablaze with color, high flying action, and choreographed movement during the festival. Check out the vendor booths, and breathe the fresh sea air. Kites are available for purchase, so you can join the fun! Transportation to and from Long Beach, Washington is provided. Meals and other activities on your own. (Wade) \$30

CLCE 038 B 8555 F 8/24 9 a.m.-5 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!

# Health & Wellness

## 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 (no class 7/4)

CLCE 034 A 8215 MW 6/25-7/30 5:30-6:30 p.m.

### Session Two (no class 9/3)

CLCE 034 B 8220 MW 8/1-9/5 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

CLCE 030 A 8195 TTh 8/14-9/13 5:30-6:30 p.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 (no class 6/25, 6/27 and 7/4)

CLCE 015 A 8070 MW 6/18-7/30 7-8 a.m.

### Session Two (no class 9/3)

CLCE 015 B 8071 MW 8/1-9/5 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 No class 9/3

CLCE 029 A 8250 MW 8/13-9/19 11:30-12:30 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) \$35

CLCE 037 A 8245 TTh 8/7-8/23 12-12:50 p.m.

## Aquatic Fitness

*Did you know that exercising in water makes you feel up to 90 percent lighter*, according to the American Council on Exercise? This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. Dick Mealy Pool at Mark Morris (Dickey) \$69 No class 7/2-7/5

CLCE 035 A 8225 MTWTh 6/18-8/9 12-12:50 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 No class 7/2, 7/4, 8/6 or 8/8

CLCE 036 A 8230 MW 6/18-8/15 7-7:50 a.m.

CLCE 036 B 8235 MW 6/18-8/15 8-8:50 a.m.

CLCE 036 C 8240 MW 6/18-8/15 9-9:50 a.m.

## 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/McMullan) \$49 No class 7/2, 7/4, 8/6 or 8/8

CLCE 032 A 8205 MW 6/18-8/15 10-10:50 a.m.

## 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/McMullan) \$49 No class 7/2, 7/4, 8/6 or 8/8

CLCE 033 A 8210 MW 6/18-8/15 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) No class 7/5 or 8/9

\$20 for Better Bones & Balance registered students, item 8200/\$25 Low Impact Aerobics only, item 8201.

CLCE 031 A 8200/8201 Th 6/21-8/16 10:15-11:05 a.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.

More than 300 online courses

# Online Courses

anytime, anywhere... just a click away!

## Corporate & Continuing Education

Online Courses are informative, fun, convenient, and highly interactive. Courses are project-oriented and include lessons, quizzes, hands-on assignments, discussion areas, six-week format, supplementary links, and more.

You can complete any course entirely from your home or office, any time of the day or night.

### Courses include:

- Expert Instructor
- 24-Hour Access
- Online Discussion Areas
- 6 Weeks of Instruction
- Hundreds of courses to choose from
- Monthly start sessions

### Beginning Writer's Workshop

Get a taste of the writer's life and improve your writing skills in this introduction to writing creatively.

### Grammar Refresher

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

### Writing Essentials

Master the essentials of writing so you can excel at business communications, express yourself clearly online, and take your creative literary talents to a new level.

### Write Your Life Story

Learn how to create and distribute an inspirational and professional autobiography for family, friends, and others.

### Spanish for Medical Professionals

Learn medical Spanish quickly and easily, honing your basic conversational skills and mastering key healthcare words and phrases.

### Effective Business Writing

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

### Discover Sign Language

Discover the fun of learning sign language and using your hands to communicate with Deaf people.

### Start Your Own Edible Garden

Learn how to grow delicious, nutritious fruit and vegetables in your own backyard.

For more information or to enroll visit:

[www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) or call 360.442.2602

## 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.

### Technical Writing ONLINE

This program will introduce you to a variety of media and formats. You will learn about the different writing standards for websites, emails, proposals, and technical instructions. Discover research methods, audience considerations, various writing styles, drafting and revision techniques, working in a collaborative environment, and more. All textbooks and materials are included with the cost of the program, and instruction is entirely online. Register at <https://careertraining.ed2go.com/lccbic> \$1,795

### Productivity eTools:

#### Be Organized and Get Stuff Done-ONLINE

Discover the top 40 favorite applications and eTools of productive workers. Get the latest tools, sites, iPhone and iPad applications to turbo-charge your work and simplify your life. Then discover how to select the right tools for your needs, evaluate your productivity system and develop a framework that gets things done. Learn about different new productivity tools each week, while also blending an evaluation of your own productivity needs. Work more efficiently and uncover more time in your day. July 2-27, 2018. Register at [www.yougotclass.org/catalog.cfm/LCC](http://www.yougotclass.org/catalog.cfm/LCC) \$245

Visit our UGotClass Online Training catalog for a complete list of courses at [www.yougotclass.org/catalog.cfm/LCC](http://www.yougotclass.org/catalog.cfm/LCC)

### 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.

*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!*



# GRANTWRITING BOOTCAMP



**August 20-22**

**8:30 a.m. to 4:30 p.m.**

**Lower Columbia College  
Health & Science Building,  
Room 123**

## GET INSPIRED – YOU CAN MAKE A DIFFERENCE

Learn to write compelling grant applications for your organization or cause and make a positive change in the world

Learn the core skills for writing grants. It starts with learning where to find grants and understanding the application process. Then you'll walk step by step through writing every section of the proposal.

This comprehensive Grantwriting Bootcamp is an inspiring and informative three-day course that will provide you with the tools, skills, and resources necessary to research, write, and manage successful grant proposals. In this course, an experienced grant writer will show you how to research and write winning proposals that get funded. Walk away from the course with a completed letter of interest and your current proposal nearly done!

### DAY ONE

- What makes a great grant writer
- Prospect research
- Getting organized
- Types of proposal formats
- Logic model

### DAY TWO

- Letter of interest/application
- The "Holy Grail" grant application
- Organizational description
- Need statement

### DAY THREE

- Project/program description
- Evaluation
- Financials and other materials
- Communicating with grant makers and site visits
- Ethics of grant writing

Allison Shirk has over 20 years' experience as a professional grant writer and grant-writing instructor and is the Executive Director of Spark the Fire Grantwriting Classes. She has taught grant writing classes to hundreds of professionals to help organizations and institutions build their internal capacity to get funding to support their work. Allison has served as a Site Reviewer for 4Culture, as a Board Member of the Puget Sound Grantwriters Association, and as a member of the Association of Fundraising Professionals - Northwest Advancement. She is a guest columnist for the Foundation Center - New York's blog and is a current member of the Willamette Valley Development Officers Association. Learn more about Allison and her work at [sparkthefiregrantwriting.com](http://sparkthefiregrantwriting.com).



*Allison Shirk*

**\$425 per registration, get additional registrations at a \$100 discount for participants from the same organization.**

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

Participants completing the grant writing program will receive a professional development certificate and 2 Continuing Education Units (CEUs)

# 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. 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.

## Professional Vocational Relationships

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. May start any time prior to February 23, 2018. (Ward) \$125.

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

CLCG 050 A 8980 Canvas 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, for additional information.

4 hour HIV/AIDS Certification, register for:

SFTY 046 3110 \$40.00

7 hour HIV/AIDS Certification, register for:

SFTY 045 3105 \$65.00



## POPULAR ONLINE COURSES

Learn from the comfort of home!

- 24-Hour Access
- Discussion Areas
- 6 Week Format

Our **instructor-led** online courses are informative, fun, convenient, affordable, and highly interactive. We focus on creating supportive communities for our learners. New course sessions begin monthly.

Complete any of these courses entirely from your home or office and at any time of the day or night.

Prices start as low as: **\$99**

### Accounting Fundamentals

Give yourself skills that are in high demand by exploring corporate accounting with a veteran instructor.

### Introduction to SQL

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

### Project Management Fundamentals

Gain the skills you'll need to succeed in the fast-growing field of project management.

### Speed Spanish

Learn shortcuts to help you engage in conversational Spanish, as you build your language skills and develop fluency.

### Grammar Refresher

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

### Beginning Writer's Workshop

Get a taste of the writer's life and improve your writing skills in this introduction to writing creatively.

### Effective Business Writing

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

### A to Z Grant Writing

Learn how to research and develop relationships with potential funding sources, organize grantwriting campaigns, and prepare proposals.

### Introduction to Microsoft Excel

Become proficient in using Microsoft Excel and discover how to create worksheets, workbooks, charts, and graphs quickly and efficiently.

### Computer Skills for the Workplace

Gain a working knowledge of the computer skills you'll need to succeed in today's job market.

### Intermediate Microsoft Excel

Take your Microsoft Excel skills to the next level as you master charts, graphs, PivotTables, Slicers, Sparklines, AutoFilter, macros, and other advanced Excel functions.

### Creating WordPress Websites

Discover how to easily create blogs and websites with WordPress, the world's most popular Web publisher.

### Human Anatomy and Physiology

Learn the basic characteristics of the four main types of tissues, the general and special senses, cellular metabolism, body chemistry, and significant events in the life span, from fertilization through old age.

### SAT/ACT Prep Course

Master the reading, writing, English, and science questions on the ACT and new SAT.

### Explore a Career in Medical Coding

Learn how to use the CPT manual and the ICD-10-CM to find medical codes for any disease, condition, treatment, or surgical procedure.

### Medical Terminology:

#### A Word Association Approach

Prepare for a career in the health services industry by learning medical terminology in a memorable and enjoyable fashion.

Visit our website for more courses and view start dates for the courses that interest you!

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

Questions? Call 360.442.2602

7/09/18



**Mail to:** Corporate and  
Continuing Education  
1600 Maple, PO Box 3010  
Longview, WA 98632  
**Phone:** 360.442.2840

**Year 2018**  
Winter Spring  
**Summer** Fall

## Register Online for Corporate and Continuing Education! [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce)

# Sign up now! Corporate and Continuing Education

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

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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 ICC?**

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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.*

## 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)

Mon–Thurs 8:00 a.m.-10:00 a.m.  
9:00 a.m.-10:25 a.m.  
10:30 a.m.-11:55 a.m.  
1:00 p.m.-2:25 p.m.  
2:30 p.m.-3:55 p.m.  
5:30 p.m.-6:55 p.m.  
6:00 p.m.-8:50 p.m.  
7:00 p.m.-9:00 p.m.

Mon & Wed 7:00 p.m.-9:00 p.m.

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

*Intensive, individualized instruction.*  
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 page 8.

### 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)

Mon–Thurs 9:00 a.m.-12:00 p.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 p.m.-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.



# 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–Thursday. 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 Admissions Center.

## ■ LEARNING COMMONS AND LIBRARY

Hours: Monday–Thursday: 8 a.m.-6 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: Monday–Thursday: 8 a.m.-6 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

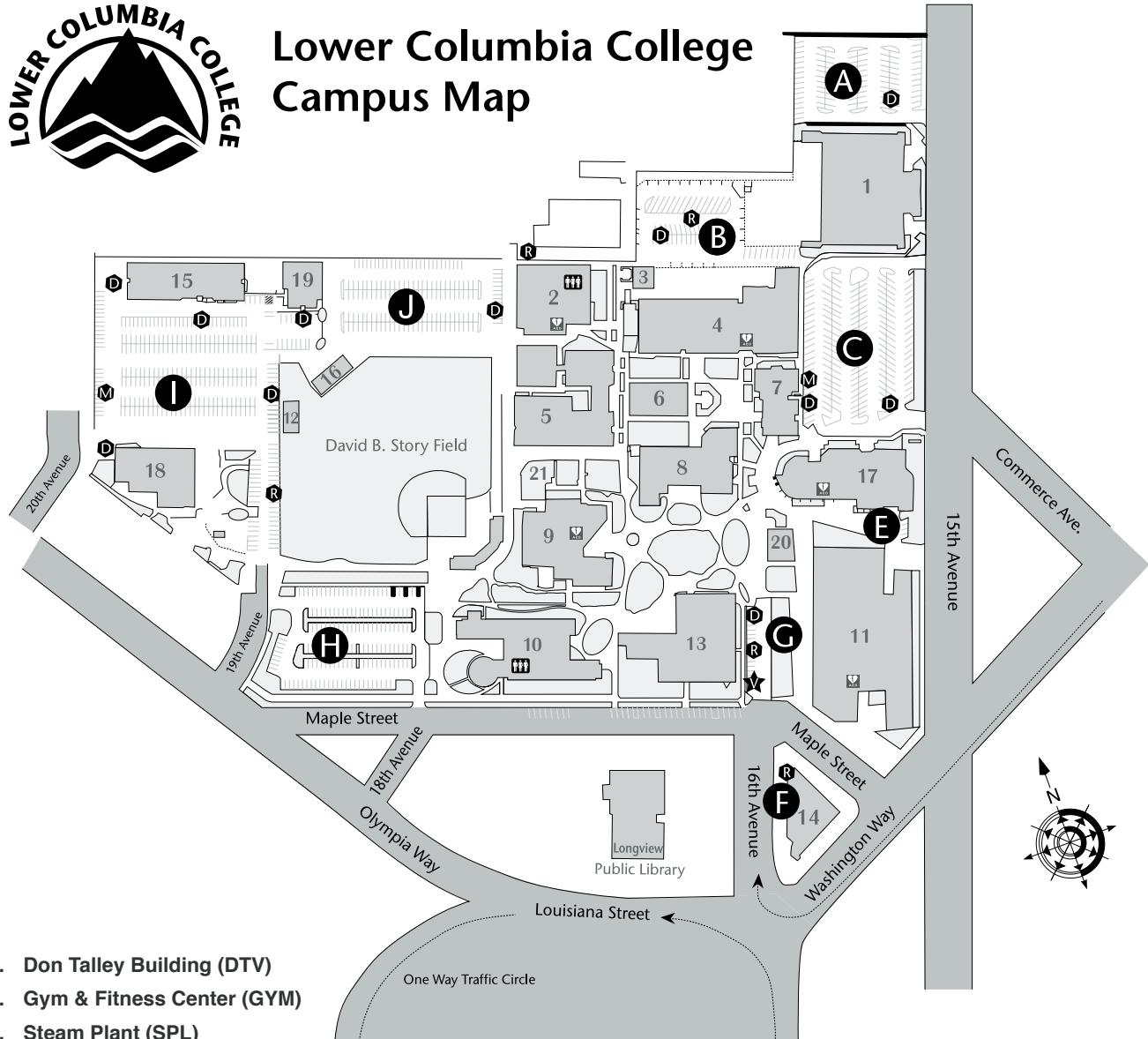
For dislocated workers and others seeking employment, training orientations are offered every Tuesday from 1:30-2:30 p.m. (except holidays), Admissions Center, Room 120.

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

## Make LCC Part of Your Summer Plans

Summer is a great time to get started at LCC, work on your degree, catch up on distribution requirements, or take courses for personal or professional development. At just eight weeks, summer is our shortest term and there are no classes held on Fridays.

There's no need to skip that vacation you've been planning. We offer a wide variety of online as well as classroom-based courses to help you develop the schedule that's right for you. See page 17 for a list of online courses.

Home for the summer? LCC is a great option for picking up distribution credits required by your four-year college or university for a fraction of the cost. See page 16 for a list of the most popular classes for university students.

**Summer classes start  
on Monday, July 2**

Please see page 4 of this schedule or visit [lowercolumbia.edu](http://lowercolumbia.edu) for registration and other important information.

*Get Started Today!*

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

