



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

SUMMER 2019 CLASS SCHEDULE



SUMMER CLASSES BEGIN JULY 8

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## LCC Office Hours

### Summer Office Hours

**Closed Fridays, June 28 – August 30**

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

#### Registration and Entry Center –

Monday–Friday ..... 8 a.m.–5 p.m.

#### Cashiering –

Monday–Friday ..... 8:15 a.m.–4:30 p.m.  
(Closed 1-1:30 p.m. for lunch)

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

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

## Equal Opportunity, Affirmative Action, and Reasonable Accommodation

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

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

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

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

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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.



## Bachelor of Applied Science in Teacher Education

**NEW!**

LCC will offer a Bachelor of Applied Science in Teacher Education (BAS-TE) beginning in fall 2019.

- Offering both certification and non-certification options.
- Certification option offers a dual endorsement in Early Childhood (P-3) and Elementary (K-8) Education.
- Non-certification option provides specialized coursework for working with children and families in early learning settings.
- Combines knowledge earned from previous degrees such as an Associate of Applied Science with upper division (300 and 400 level) Teacher Education courses.
- Will help meet community demand for elementary and pre-kindergarten and early childhood education teachers in the region.
- First degree for LCC at the applied bachelor's degree level.

**There are many benefits of the new program for prospective students.**

- Studying close to home saves on expenses related to travel, room and board.
- Staying with LCC through the entire degree and credentialing process reduces stress related to applying to other institutions and transferring credits.
- Going to school in the community where you live and work increases exposure to prospective employers and job opportunities.

**Learn more at [lowercolumbia.edu/bas-te](http://lowercolumbia.edu/bas-te)**

**NEW!**

## GraduationPlus

In today's economy, you need a *high school diploma plus a college credential* to earn a living wage!

GraduationPlus is a collaboration between LCC and local school districts to help more students achieve the dream of going to college and entering rewarding and productive careers.

The purpose of the initiative is to encourage more career and technical education students to get the education they need to be competitive in today's job market.

- By 2023, 77 percent of job openings are expected to require at least some education beyond high school.
- Earning a two-year degree can boost lifetime earnings by \$324,000 (on average) over a high school diploma alone.

**Learn more at [lowercolumbia.edu/graduation-plus](http://lowercolumbia.edu/graduation-plus)**



**GraduationPlus**



# HOW TO REGISTER

Go to [lowercolumbia.edu/enrollment](http://lowercolumbia.edu/enrollment) 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, Wednesday, July 3. If openings occur through the third day of the quarter (July 10), 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 6
Priority application deadline for Summer financial aid ....	May 27
Summer application for admission deadline .....	May 28
Last day for Summer Administrative Hold .....	June 17
Summer office hours begin .....	June 24
Summer quarter tuition due.....	July 2
Last day to be added to a Waitlist.....	July 3
Independence Day holiday .....	July 4
First day of classes .....	July 8
Last day of online registration .....	July 10
Last day for 100% tuition refund.....	July 15
Last day to apply for Summer graduation .....	July 16
Last day for 50% tuition refund.....	July 25
Last day to withdraw from classes.....	August 29
Last day of Summer classes.....	August 29
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 6 - July 10

### 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.

### Non-Resident (Operating Fees Only Waiver) (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.

### Non-Resident (Column D)

Those who are not eligible to pay the “Resident Students,” “Oregon Border County Residents,” or “Non-Resident: Operating Fees Only Waiver” rates, above, pay this rate.

### Veterans (Column E)

Special rates are available for some Veterans. Visit the Veterans’ Office in the Student Center or see [lowercolumbia.edu/veterans](http://lowercolumbia.edu/veterans) for details.

### 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 \$1.60 per credit facilities use fee, \$3.00 per credit technology fee and applicable lab fees.

2018-2019 Tuition and Fee Schedule					
(Facilities Use, Technology, Tutor Center, Fitness Center Upgrade fees included)					
# Cr.	A WA State Residents	B OR Border Residents	C Non-Resident (Operating Fees Only Waiver)	D Non-Resident	E Veterans
1	116.69	125.19	129.44	294.11	95.44
2	233.38	250.38	258.88	588.22	190.88
3	350.07	375.57	388.32	882.33	286.32
4	466.76	500.76	517.76	1,176.44	381.76
5	583.45	625.95	647.20	1,470.55	477.20
6	700.14	751.14	776.64	1,764.66	572.64
7	816.83	876.33	906.08	2,058.77	668.08
8	933.52	1,001.52	1,035.52	2,352.88	763.52
9	1,050.21	1,126.71	1,164.96	2,646.99	858.96
10	1,166.90	1,251.90	1,294.40	2,941.10	954.40
11	1,224.76	1,314.04	1,358.68	3,006.18	1,001.57
12	1,282.62	1,376.18	1,422.96	3,071.26	1,048.74
13	1,337.48	1,435.32	1,484.24	3,133.34	1,092.91
14	1,392.34	1,494.46	1,545.52	3,195.42	1,137.08
15	1,447.20	1,553.60	1,606.80	3,257.50	1,181.25
16	1,502.06	1,612.74	1,668.08	3,319.58	1,225.42
17	1,556.92	1,671.88	1,729.36	3,381.66	1,269.59
18	1,611.78	1,731.02	1,790.64	3,443.74	1,313.76
19	1,708.31	1,837.20	1,901.65	3,717.69	1,386.16
20	1,804.84	1,943.38	2,012.66	3,991.64	1,458.56
21	1,901.37	2,049.56	2,123.67	4,265.59	1,530.96
22	1,997.90	2,155.74	2,234.68	4,539.54	1,603.36
23	2,094.43	2,261.92	2,345.69	4,813.49	1,675.76

### Miscellaneous Fees for 2018-19

- **Apprenticeship:** \$54 per credit; \$3.60 per clock hour.
- **Computer Lab:** A fee of \$27.10 per class is charged for certain classes identified in the course listing.
- **Facilities:** The chart includes a fee of \$1.60 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 (\$53.80 per credit for residents and \$107.59 for non-residents). They also pay the Technology, Facilities, Tutoring Center, Matriculation, Fitness Center Use and Fitness Center Upgrade fees.

- **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 \$96.53 per credit above 18 credits.
- **Technology:** The chart includes a Technology fee of \$3/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 [readyssetgrad.org/wasfa](http://readyssetgrad.org/wasfa) to apply for state aid if you are ineligible to apply for federal aid due to immigration status.

Other eligibility issues may be identified in the FAFSA process

### What financial aid is available?

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

### How to apply

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

To receive financial aid, a student MUST complete the FAFSA

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

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

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

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

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

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

### Financial Aid Hours

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

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

## Scholarships

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

Scholarships are based on varied criteria, including:

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

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

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

### Looking for your dream job?

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

### Delayed Tuition Payment Options

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

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

### Waiting for your Financial Aid funds?

Students who meet the application deadline (May 27 for Summer Quarter 2019) 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 17, 2019 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.



## 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 7, and available in-store on June 10.



### Bookstore Hours

June 28 – August 30

Mon-Thurs, 8 a.m.-4 p.m.,  
Closed Friday

### Spring Book Buyback

June 10, 12-4:30 p.m.

June 11-13, 8:30 a.m.-4:30 p.m.

June 14, 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 \$50** to use, and include used textbooks and other physical and digital resources. Look for this symbol in your class schedule: © All Transitional Studies, ABE and ESL classes are AER.

### COURSES USING AER – SUMMER 2019

BIOL& 160 General Biology–0930, 0935, 0940  
BIOL& 241 Human A & P 1–0975, 0980  
BIOL& 242 Human A & P 2–0995, 1000  
BTEC 150 Intro to Google Apps–1125  
BTEC 155 Website Management–1130  
BUS 100 Foundations Business Success–1195  
BUS& 101 Introduction to Business–1310  
BUS 144 Management Human Relations:DIV–1235, 1245  
  
CHEM& 110 Chemical Concepts w/lab–1355  
CMST& 220 Public Speaking–1550, 1555, 1560  
ECED& 100 Child Care Basics–1790  
ENGL 098 College Ready English I–1880, 1885, 1890  
ENGL 099 College Ready English II–1900, 1905, 1910

ENGL& 101 English Composition I–1925, 1940, 1945  
ENGL& 102 Composition II–1950, 1955, 1960  
MATH& 107 Math In Society–2885  
MUSC& 105 Music Appreciation–3020  
NUTR& 101 Nutrition–3095, 3100, 3105, 3110  
POLS& 202 American Government–3207  
PSYC& 100 General Psychology–3220  
SOC& 101 Intro to Sociology:DIV–3280



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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. CANVAS orientation information is on page 17.

**Ⓢ** = Course uses Open or Alternative Educational Resources/Textbooks cost less than \$50.00

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

## Art & Design

### ART& 100 ART APPRECIATION:DIV

**D,H**

**▽** 0900 DE 5 ARR ARR ARR COOPER R  
Online class.

**▽** 0905 DE1 5 ARR ARR ARR COOPER R  
Online class.

### ART 101 BEGINNING DRAWING

**H,P**

0780 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 102 INTERMEDIATE DRAWING

**H,P**

0795 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 103 ADVANCED DRAWING

**H,P**

0810 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 106 TWO-DIMENSIONAL DESIGN

**H,P**

0817 A 5 TTh 9:00a.m.-1:25p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

## Course # Course Name

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

### ART 107 COLOR THEORY AND DESIGN

**H,P**

0820 A 5 TTh 9:00a.m.-1:25p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 108 THREE-DIMENSIONAL DESIGN

**H,P**

0827 A 5 TTh 9:00a.m.-1:25p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$6.80 **⊗** Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 299 INDEPENDENT STUDY

**▽** 0885 MM1 1-3 ARR ARR ARR COOPER R

Instructor permission required to enroll.

Lab Fee: \$22.60

0890 MM2 1-3 ARR ARR ARR KOHLMEIER M

Instructor permission required to enroll.

Lab Fee: \$22.60

## Astronomy

### ASTR& 101 INTRODUCTION TO ASTRONOMY

**NSL**

**▽** 0910 A 5 MW 9:00a.m.-12:05p.m. HSB 137 VAZQUEZ J

## Automotive Technology

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

### AMTC 100 ESSENTIALS OF MECHANICS

0755 A 5 MT 12:00p.m.-3:45p.m. DTV 108 ROESKE G

### AMTC 105 VEHICLE CLIMATE CONTROL

0760 A 5 MT 7:30a.m.-11:15a.m. DTV 233 ROESKE G

### AMTC 299 INDEPENDENT STUDY

0770 MM1 1-5 ARR ARR DTV 108 ROESKE G

Instructor permission required to enroll.

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



## Course # Course Name

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

**BIOL& 160 GENERAL BIOLOGY W/LAB**

NSL

▽ 0930 DE 5 ARR ARR ARR MYERS L  
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.

▽ 0935 DE1 5 ARR ARR ARR MC CORMICK C  
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.

▽ 0940 DE2 5 ARR ARR ARR PAREDES D  
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& 241 HUMAN ANATOMY AND PHYSIOLOGY 1 W/LAB**

NSL

▽ 0975 DE 5 ARR ARR ARR MYERS L  
Prerequisite: BIOL& 160 or equivalent with a grade of C or better or instructor permission.

Online class. ☉ Uses Alternative Educational Resources.

▽ 0980 DE1 5 ARR ARR ARR MYERS L  
Prerequisite: BIOL& 160 or equivalent with a grade of C or better or instructor permission.

Online class. ☉ Uses Alternative Educational Resources.

**BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2 W/LAB**

NSL

▽ 0995 DE 5 ARR ARR ARR MYERS L  
Prerequisite: BIOL& 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. No textbook is required.

Online class. ☉ Uses Alternative Educational Resources.

▽ 1000 DE1 5 ARR ARR ARR MYERS L  
Prerequisite: BIOL& 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. No textbook is required.

Online class. ☉ Uses Alternative Educational Resources.

**BIOL& 260 MICROBIOLOGY W/LAB**

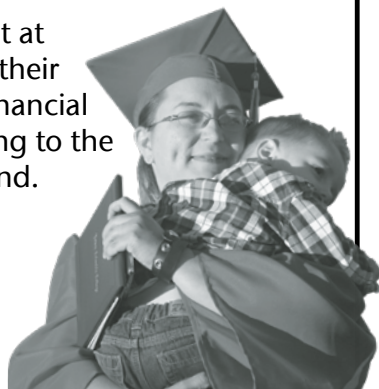
NSL

▽ 1012 DE 5 ARR ARR ARR ZWICKEY H  
Students must also enroll in the lab section BIOL& 260 DEA.

Online class. Lab Fee: \$26.90

## 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**  
or call 360.442.2130 to learn more

## Business Administration

**BUS 100 FOUNDATIONS BUSINESS SUCCESS**

▽ 1195 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

▽ 1310 DE 5 ARR ARR ARR ALLWINE T  
Online class. ☉ Uses Alternative Educational Resources.

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

D

▽ 1235 A 5 TTh 3:00p.m.-5:00p.m. AAR 106 STUART M  
Hybrid class; partially online. ☉ Uses Alternative Educational Resources.

▽ 1245 DE 5 ARR ARR ARR ALLWINE T  
Online class. ☉ Uses Alternative Educational Resources.

**BUS 150 CUSTOMER SERVICE/MANAGEMENT**

▽ 1255 DE 5 ARR ARR ARR STUART M  
Online class.

## Business Technology

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

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

**BTEC 010 KEYBOARDING SPEED/ACCURACY**

1027 P 1-5 ARR ARR AAR 110 GAITHER M

**BTEC 045 INTRODUCTION TO MS WORD**

1028 P 1-5 ARR ARR AAR 110 GAITHER M

**BTEC 046 POWERPOINT FUNDAMENTALS**

1029 P 1-2 ARR ARR AAR 110 GAITHER M

**BTEC 047 INTRODUCTION TO DESKTOP PUBLISHING**

1031 P 1-3 ARR ARR AAR 110 GAITHER M

**BTEC 050 INTRODUCTION TO TO GOOGLE APPS**

1031 P 1-3 ARR ARR AAR 110 GAITHER M

**BTEC 055 WEBSITE MANAGEMENT**

1033 P 3 ARR ARR AAR 110 GAITHER M

**BTEC 110 KEYBOARDING SPEED/ACCURACY**

1015 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.

## Course # Course Name

▽ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**BTEC 120 SPECIALIZED APPS FOR BUSINESS**

▽ 1075 P	3	ARR	ARR		AAR 110	GAITHER M
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**BTEC 130 ELECTRONIC CALCULATORS**

1050 P	1-2	ARR	ARR		AAR 110	GAITHER M
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No computer lab fee.

**BTEC 131 INTRODUCTION TO SPREADSHEETS**

▽ 1055 DE	5	ARR	ARR		ARR	LEMMONS N
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No computer lab fee.  
Online class.

**BTEC 145 INTRODUCTION TO MS WORD**

▽ 1085 P	1-5	ARR	ARR		AAR 110	GAITHER M
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**BTEC 146 POWERPOINT FUNDAMENTALS**

▽ 1095 P	1-2	ARR	ARR		AAR 110	GAITHER M
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**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

▽ 1100 P	1-3	ARR	ARR		AAR 110	GAITHER M
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Prerequisite: BTEC 145 or equivalent.

**BTEC 148 INTRODUCTION TO OUTLOOK**

▽ 1105 DE	2	ARR	ARR		ARR	BENNETT S
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Online class.

**BTEC 150 INTRODUCTION TO GOOGLE APPS**

▽ 1125 P	1-3	ARR	ARR		AAR 110	GAITHER M
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Ⓢ Uses Alternative Educational Resources.

**BTEC 155 WEBSITE MANAGEMENT**

▽ 1130 P	3	ARR	ARR		AAR 110	GAITHER M
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Ⓢ Uses Alternative Educational Resources.

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

▽ 1145 A	2	T	9:00a.m.-10:15a.m.		AAR 105	GAITHER M
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Hybrid class; partially online.

**BTEC 181 MEDICAL TERMINOLOGY I**

▽ 1150 DE	3	ARR	ARR		ARR	LEMMONS N
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No computer lab fee.  
Online class.

**BTEC 182 MEDICAL TERMINOLOGY II**

▽ 1160 DE	3	ARR	ARR		ARR	LEMMONS N
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No computer lab fee.  
Online class.

## Chemistry

**CHEM& 100 PREPARATORY CHEMISTRY**

1350 A	5	MTWTh	9:00a.m.-10:25a.m.		HSB 105	MC CORMICK C
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**CHEM& 110 CHEMICAL CONCEPTS W/LAB**

NSL

▽ 1355 DE	5	ARR	ARR		ARR	PECORE J
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Exams must be proctored for this course, using either the LCC testing center or the online options, contact the instructor for more information. CHEM& 110 Lab costs \$25.00.  
Online class. Ⓢ Uses Alternative Educational Resources.

**CHEM& 121 INTRO TO CHEMISTRY**

NSL

1360 A	5	MTWTh	10:30a.m.-11:30a.m.		HSB 105	MC CORMICK C
		M	12:00p.m.-3:45p.m.		HSB 332	

Lab included. Lab Fee: \$15.00

**CHEM& 163 GENERAL CHEMISTRY III**

NSL

1365 A	5	MTWTh	8:30a.m.-9:50a.m.		HSB 106	WOLFER A
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Students must also enroll in the lab section CHEM& 163 LA.  
Start Date: 07/08/19 End Date: 08/15/19  
Lab Fee: \$26.90

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

1370 LA	0	TW	1:00p.m.-3:25p.m.		HSB 332	WOLFER A
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Start Date: 07/08/19 End Date: 08/15/19

## Communication Studies

**CMST& 210 INTERPERSONAL COMMUNICATION**

H

▽ 1545 DE	5	ARR	ARR		ARR	NEILL S
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Online class.

**CMST& 220 PUBLIC SPEAKING**

H

▽ 1550 A	5	MW	9:00a.m.-12:05p.m.		RCA 220	NEILL S
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Ⓢ Uses Alternative Educational Resources.

▽ 1555 B	5	MW	12:30p.m.-3:35p.m.		RCA 220	NEILL S
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Ⓢ Uses Alternative Educational Resources.

▽ 1560 DE	5	ARR	ARR		ARR	GORDON S
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Online class. Ⓢ Uses Alternative Educational Resources.

**CMST& 230 SMALL GROUP COMMUNICATION**

H

▽ 1570 DE	5	ARR	ARR		ARR	GORDON S
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Online class.

## Computer Science

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

**CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS**

▽ 1625 A	3	MW	1:00p.m.-2:45p.m.		AAR 109E	BENNETT S
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▽ 1635 DE	3	ARR	ARR		ARR	ROSI D
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No computer lab fee.  
Online class.

## Course # Course Name

Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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## 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 360.442.2610 or bdelmar@lowercolumbia.edu, or stop by the Corporate & Continuing Education Office, Don Talley Building, Room 105.

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	0715	CJ 288	1390	MFG 288	2985
ACCT 289	0725	CJ 289	1395	MFG 289	2990
AH 288	0745	ECED 288	1780	MEDA 288	2955
AH 289	0750	ECED 289	1785	MEDA 289	2960
ART 288	0870	ENGR 288	1970	PSYC 288	3210
ART 289	0875	ENGR 289	1975	PSYC 289	3215
AMTC 289	0765	HLTH 288	2200	WELD 288	3545
BUS 288	1290	HLTH 289	2205	WELD 289	3550
BUS 289	1295	HDEV 288	2140		
BTEC 288	1175	HDEV 289	2145		
BTEC 289	1185	IT 288	2560		
CDS 288	1325	IT 289	2565		
CDS 289	1330				

## Ride Free with LCC Student ID!



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

## Diesel/Heavy Equipment Technology

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

### DHET 105 VEHICLE CLIMATE CONTROL

1705 A 5 MT 7:30a.m.-11:15a.m. DTV 233 ROESKE G

### DHET 228 COMMERCIAL DRIVING

1715 A 4 ARR ARR DTV 201 DILLINGER J

For details contact Heidi Hamer, 360.442.2603, hhamer@lowercolumbia.edu.

More information can be found in the Corporate & Continuing Education section of this schedule.

### DHET 229 COMMERCIAL TRUCK OPERATION

1725 A 6 ARR ARR ARR STAFF

### DHET 299 INDEPENDENT STUDY

1740 MM1- 5 ARR ARR ARR DILLINGER J

Instructor permission required to enroll.

## Early Childhood Education

### ECED& 100 CHILD CARE BASICS

1790 DE 3 ARR ARR ARR JACKSON M

Online class. ☺ Uses Alternative Educational Resources.

### ECED& 105 INTRODUCTION TO EARLY CHILDHOOD EDUCATION

1795 A 5 W 4:00p.m.-6:00p.m. SCI 102 ZBAEREN J

Hybrid class; partially online.

## Economics

### ECON 105 INTRODUCTION TO ECONOMICS

SS

1815 DE 5 ARR ARR ARR FRANZ J

Contact instructor at jfranz@lowercolumbia.edu for more information.

Online class.

### ECON& 201 MICRO ECONOMICS

SS

1820 DE 5 ARR ARR ARR FRANZ J

Contact instructor at jfranz@lowercolumbia.edu for more information.

Online class.

## Education

### EDUC& 204 INCLUSIVE EDUCATION-BIRTH THROUGH 21 FOCUS

1855 DE 5 ARR ARR ARR ZBAEREN J

Online class.

There is an orientation for EDUC& 204 on Monday, July 8 at 6:00 p.m. in SCI 102.



## Course # Course Name

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

## ENGL 098 COLLEGE READY ENGLISH I

▼ 1880 B	5	MTWTh	11:00a.m.-12:25p.m.	AAR 128	LEAVENS A	
Ⓢ Uses Alternative Educational Resources.						
▼ 1885 C	5	MTWTh	1:30p.m.-2:55p.m.	AAR 128	LEAVENS A	
Ⓢ Uses Alternative Educational Resources.						
▼ 1890 DE	5	ARR	ARR	ARR	HAYNES J	
Online class. Ⓢ Uses Alternative Educational Resources.						

## ENGL 099 COLLEGE READY ENGLISH II

▼ 1900 B	5	MTWTh	11:00a.m.-12:25p.m.	AAR 128	LEAVENS A	
Ⓢ Uses Alternative Educational Resources.						
▼ 1905 C	5	MTWTh	1:30p.m.-2:55p.m.	AAR 128	LEAVENS A	
Ⓢ Uses Alternative Educational Resources.						
▼ 1910 DE	5	ARR	ARR	ARR	HAYNES J	
Online class. Ⓢ Uses Alternative Educational Resources.						

## ENGL&amp; 101 ENGLISH COMPOSITION I

▼ 1925 A	5	MTW	8:30a.m.-10:25a.m.	MAN 146	NORWOOD K	
Ⓢ Uses Alternative Educational Resources.						
▼ 1940 DE	5	ARR	ARR	ARR	DIGERLANDO N	
Online class. Ⓢ Uses Alternative Educational Resources.						
▼ 1945 DE1	5	ARR	ARR	ARR	DIGERLANDO N	
Online class. Ⓢ Uses Alternative Educational Resources.						

## ENGL&amp; 102 COMPOSITION II

▼ 1950 A	5	MTWTh	11:00a.m.-12:25p.m.	AAR 108	NORWOOD K	
Ⓢ Uses Alternative Educational Resources.						
▼ 1955 DE	5	ARR	ARR	ARR	MCCARTHY D	
Online class. Ⓢ Uses Alternative Educational Resources.						
▼ 1960 DE1	5	ARR	ARR	ARR	MCCARTHY D	
Online class. Ⓢ Uses Alternative Educational Resources.						

## ENGL 110 INDUSTRIAL COMMUNICATION

▼ 1915 A	5	MW	3:00p.m.-5:00p.m.	AAR 128	LEAVENS A	
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## ENGL 270 LITERATURE FOR CHILDREN

▼ 1965 DE	5	ARR	ARR	ARR	MCCARTHY D	H
Online class.						

## Health

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

## HLTH 100 OCCUPATIONAL SAFETY AND HEALTH

▼ 2185 HB	3	ARR	ARR	HSB 222B	JOHNSON B	
Orientation will be online. Check your CANVAS account for information. The 1st Aid CPR training will be on Tuesday, July 9 from 8:00 a.m. to 5:00 p.m. in HSB 222B. Hybrid class; partially online.						

## HLTH 105 FIRST AID/CPR/BLOOD BORNE PATHOGENS

2195 A	1	M	11:00a.m.-12:50p.m.	HSB 222B	JOHNSON B	
Class meets on Mondays, July 8, 15, 22, 29, and August 5.						

## History

## HIST&amp; 128 WORLD CIVILIZATIONS III:DIV

▼ 2150 DE	5	ARR	ARR	ARR	SS,D	SHAH C
Online class.						

## HIST&amp; 136 US HISTORY 1

▼ 2160 DE	5	ARR	ARR	ARR	SS	VAUGHN C
Online class.						

## Humanities

## HUM 104 ETHICS AND CULTURAL VALUES:DIV

▼ 2335 DE	5	ARR	ARR	ARR	D,H	LEACH M
Online class.						

## HUM&amp; 117 HUMANITIES II

▼ 2345 DE	5	ARR	ARR	ARR	H	LEACH M
Online class.						

## HUM 210 MYTH AND RITES:DIV

▼ 2340 DE	5	ARR	ARR	ARR	D,H	LEACH M
Online class.						

## Information Technology

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

## IT 111 INTRODUCTION TO WINDOWS

3680 A	4	MW	1:00p.m.-4:15p.m.	VOC 116	DERKACHT D	
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## Machine Trades

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

## MASP 107 MACHINING/RELATED OCCUPATIONS

2625 A	2-6	MTWTh	8:00a.m.-10:45a.m.	VOC 114	SHEPHERD N	
Note: This course may be taken for 2-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. Ⓢ Course is clustered with other class sections that meet at the same time, in the same classroom.						

## MASP 111 MACHINE SHOP I

2630 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 1st day of quarter. Ⓢ Course is clustered with other class sections that meet at the same time, in the same classroom.						

## MASP 112 MACHINE SHOP II

2640 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 1st day of quarter. Ⓢ Course is clustered with other class sections that meet at the same time, in the same classroom.						

## MASP 113 MACHINE SHOP III

2650 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 1st day of quarter. Ⓢ 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
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## MASP 204 CNC MACHINING CENTER FUNDAMENTALS

2665	MK 3	ARR	ARR		ARR	SHEPHERD N
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⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

## MASP 205 CNC TURNING CENTER FUNDAMENTALS

2670	MK 3	ARR	ARR		ARR	SHEPHERD N
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⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

## MASP 299 INDEPENDENT STUDY

2675	MM 2	ARR	ARR		ARR	STAFF
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## Manufacturing

### MFG 100 FOUNDATION SKILLS TRADES

4411	A	3	MT	3:00p.m.-4:45p.m.	VOC 111	SHEPHERD/DILLINGER
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### MFG 105 INDUSTRIAL SAFETY

4412	A	3	WTh	3:00p.m.-4:45p.m.	HSB 107	MACK B
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## Mathematics

Math classes at LCC are offered in three different formats to meet a variety of student needs:

- Standard math classes, where a lecture is presented and homework assigned.
- Online classes.
- Math Achievement Center classes, where students work on their own with the assistance of tutors and an instructor.

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

Online homework and electronic textbook for all MATH 078/079, 088/089, 098/099, 141, 142, 153, and 210 provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

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

## Pre-College Math

### MATH 078/079 PRE-COLLEGE MATH I — 6 Credits

2710 and 2735	DE	ARR	ARR		ARR	MAC
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Online class.

2715 and 2740	E	MTWTh	12:30p.m.-3:00p.m.		HSB 106	BREWSTER H
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2720 and 2745	P	MTWTh	ARR		AAR 110	MAC
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### MATH 088/089 PRE-COLLEGE MATH II — 5 Credits

2765 and 2785	A	MTWTh	9:00a.m.-10:25a.m.		MAN 145	MORRISON D
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2760 and 2780	DE	ARR	ARR		ARR	MAC
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Online class.

2770 and 2790	P	MTWTh	ARR		AAR 110	MAC
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### MATH 098/099 PRE-COLLEGE MATH III — 5 Credits

2810 and 2830	A	MTWTh	10:30a.m.-11:55a.m.		MAN 145	MORRISON D
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2805 and 2825	DE	ARR	ARR		ARR	MAC
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Online class.

2815 and 2835	P	MTWTh	ARR		AAR 110	MAC
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## College-Level Math

### MATH 106 INDUSTRIAL MATHEMATICS

2840	A	5	MTWTh	1:30p.m.-2:55p.m.	SCI 108	SKEIE M
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### MATH& 107 MATH IN SOCIETY

2885	DE	5	ARR	ARR	ARR	BENJAMIN B
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Prerequisite: MATH 099 with a grade of C or better.

Online class. ☺ Uses Alternative Educational Resources.

### MATH& 141 PRECALCULUS I

2890	A	5	MTWTh	10:00a.m.-11:55a.m.	PSC 102	DRAUS D
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Start Date: 07/08/19 End Date: 08/15/19

### MATH& 142 PRECALCULUS II

2900	A	5	MTWTh	10:00a.m.-11:55a.m.	HSB 106	BREWSTER H
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Start Date: 07/08/19 End Date: 08/15/19

### MATH& 146 INTRODUCTION TO STATISTICS

2855	A	5	MTWTh	10:00a.m.-11:55a.m.	HSB 104	MALOZZI J
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Start Date: 07/08/19 End Date: 08/15/19

2860	DE	5	ARR	ARR	ARR	MALOZZI J
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Online class.

2865	DE1	5	ARR	ARR	ARR	MALOZZI J
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Online class.

### MATH& 153 CALCULUS III

2920	A	5	MTWTh	8:00a.m.-9:55a.m.	PSC 102	DRAUS D
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Start Date: 07/08/19 End Date: 08/15/19

## Medical Assisting

### MEDA 190 MEDICAL ASSISTING TO PRECEPTORSHIP

2940	A	5	ARR	ARR	ARR	ENGEL E
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Lab Fee: \$17.50

### MEDA 195 MEDICAL ASSISTING SEMINAR

2945	A	1	T	3:30p.m.-4:40p.m.	HSB 244	ENGEL E
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Hybrid class; partially online.

### MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTING

2950	DE	2	ARR	ARR	ARR	SOLADEY V
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Online class.

## 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
- Learn about My Math Lab
- Tips to overcoming math anxiety

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.

**Evening Session:**  
**June 17,**  
**5-8 p.m.**

## Course # Course Name

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

**MUSC& 105 MUSIC APPRECIATION****H**

▽ 3020 DE	5	ARR	ARR		ARR	CHALLED G
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Online class. Ⓢ Uses Alternative Educational Resources.

**MUSC 119 AMERICAN MUSIC:DIV****D,H**

▽ 3000 DE	5	ARR	ARR		ARR	HARBAUGH K
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Online class.

**MUSC 131 BEGINNING GUITAR**

▽ 3015 A	2	T		2:00p.m.-4:20p.m.	RCA 102	HARBAUGH K
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Guitars are provided for student use. Students will be allowed to take guitars home for practice. Ⓢ Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 132 INTERMEDIATE GUITAR**

▽ 3016 A	2	T		2:00p.m.-4:20p.m.	RCA 102	HARBAUGH K
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Guitars are provided for student use. Students will be allowed to take guitars home for practice. Ⓢ Course is clustered with other class sections that meet at the same time, in the same classroom.

**MUSC 133 ADVANCED GUITAR**

▽ 3017 A	2	T		2:00p.m.-4:20p.m.	RCA 102	HARBAUGH K
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Guitars are provided for student use. Students will be allowed to take guitars home for practice. Ⓢ Course is clustered with other class sections that meet at the same time, in the same classroom.

## Nursing

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

Students interested in a nursing career can find information about LCC's nursing programs at [lowercolumbia.edu/programs](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 Bev Ylen, Nursing and Allied Health Program Assistant, 360.442.2860 for course information and to register.

**NURS 090 NURSING ASSISTANT**

▽ 3025 A	8	ARR	ARR		HSB 249	MACLAREN A
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Students must also register for one of the NURS 090 labs below.  
Lab Fee: \$52.60

▽ 3035 LA	0	ARR	ARR		HSB 246	BOULTINGHOUSE
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See Bev Ylen in HSB 202 to enroll.

▽ 3040 LB	0	ARR	ARR		HSB 246	STAFF
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See Bev Ylen in HSB 202 to enroll.

## Nutrition

**NUTR& 101 NUTRITION**

▽ 3090 A	5	TTh		1:00p.m.-2:20p.m.	HSB 105	MC CORMICK C
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Hybrid class; partially online.

▽ 3095 DE	5	ARR	ARR		ARR	ROSS E
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Online class. Ⓢ Uses Alternative Educational Resources.

▽ 3100 DE1	5	ARR	ARR		ARR	ROSS E
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Online class. Ⓢ Uses Alternative Educational Resources.

▽ 3105 DE2	5	ARR	ARR		ARR	ROSS E
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Online class. Ⓢ Uses Alternative Educational Resources.

▽ 3110 DE3	5	ARR	ARR		ARR	ROSS E
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Online class. Ⓢ Uses Alternative Educational Resources.

## Oceanography

**OCEA& 101 INTRODUCTION TO OCEANOGRAPHY****NSL**

▽ 3115 DE	5	ARR	ARR		ARR	KHANDRO L
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Online class.  
Lab Fee: \$12.30

## Physical Education

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

**PHED 105 BEGINNING PILATES & YOGA****A**

3135 A	1	TTh		9:00a.m.-10:10a.m.	GYM 210	SKERBECK C
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**PHED 120 CROSS TRAINING****A**

▽ 3140 A	2	MW		9:00a.m.-10:05a.m.	GYM 113	MYERS L
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Hybrid class; partially online.

**PHED 128 WEIGHT TRAINING****A**

▽ 3150 A	1-2	MW		9:00a.m.-10:05a.m.	GYM 113	MYERS L
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Hybrid class; partially online.

**PHED 152 PERSONALIZED FITNESS****A**

▽ 3155 DE	1-2	ARR	ARR		ARR	ROSS E
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Students must log into canvas for class instructions and syllabus.  
Online class.

**PHED 205 INTERMEDIATE PILATES & YOGA****A**

3165 A	1	TTh		9:00a.m.-10:10a.m.	GYM 210	SKERBECK C
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**PHED 220 CROSS TRAINING****A**

▽ 3170 A	2	MW		9:00a.m.-10:05a.m.	GYM 113	MYERS L
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Hybrid class; partially online.

**PHED 228 WEIGHT TRAINING****A**

▽ 3180 A	1-2	MW		9:00a.m.-10:05a.m.	GYM 113	MYERS L
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Hybrid class; partially online.

**PHED 252 PERSONALIZED FITNESS****A**

▽ 3185 DE	1-2	ARR	ARR		ARR	ROSS E
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Students must log into canvas for class instructions and syllabus.  
Online class.

# University students save money by taking classes at LCC

Reasons to take one or more classes @ LCC while you're home this summer:

- Tuition cost is less than universities.
- Transferring credits is easy (check with your adviser for specifics).
- No class on Fridays, and the term is only eight weeks.
- Many online classes are available that work with your schedule.
- Get started today at [lowercolumbia.edu/enrollment](http://lowercolumbia.edu/enrollment).



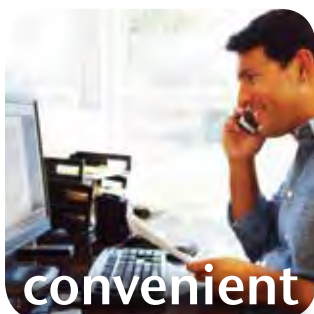
## Popular LCC Summer Classes for University Students

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 157	Introduction to MS Project	MATH& 142	Precalculus II
ART 102	Intermediate Drawing	BTEC 181	Medical Terminology I	MATH& 146	Statistics
ART 103	Advanced Drawing	BTEC 182	Medical Terminology II	MATH& 153	Calculus III
ART 106	Basic Design	BTEC 148	Introduction to Outlook	MUSC 119	American Music:DIV
ART 107	Basic Design I	BUS 100	Foundations Business Success	MUSC 131	Beginning Guitar
ART 108	Basic Design II	BUS 144	Mgmt of Human Relations:DIV	MUSC& 105	Music Appreciation
ART 111	Beginning Painting	BUS& 101	Introduction to Business	NUTR& 101	Nutrition
ART 112	Intermediate Painting	CHEM& 100	Preparatory Chemistry	OCEA& 101	Introduction to Oceanography
ART 113	Advanced Painting	CHEM& 110	Chemical Concepts w/lab	PHED 105	Beginning Pilates & Yoga
ART& 100	Art Appreciation:DIV	CHEM& 121	Introduction to Chemistry	PHED 205	Intermediate Pilates & Yoga
ASTR& 101	Introduction to Astronomy	CHEM& 163	General Chemistry III	PHED 120	Cross Training
BIOL& 160	General Biology	CMST& 210	Interpersonal Communication	PHED 220	Cross Training
BIOL& 241	Human A & P 1 w/lab	CMST& 220	Public Speaking	PHED 128	Weight Training
BIOL& 242	Human A & P 2 w/lab	CMST& 230	Small Group Communication	PHED 228	Weight Training
BIOL& 260	Microbiology w/ lab	CS 110	Microcomputer Applications	PHED 152	Personalized Fitness
BTEC 131	Introduction to Spreadsheets	ECON 105	Introduction to Economics	PHED 252	Personalized Fitness
BTEC 100	Computer Keyboarding	ECON& 201	Micro Economics	PSYC& 100	General Psychology
BTEC 105	Keyboarding Speed/Accuracy	ENGL& 101	English Composition I	PSYC& 200	Lifespan Psychology
BTEC 130	Electronic Calculators	ENGL& 102	Composition II	SOC& 101	Introduction to Sociology:DIV
BTEC 144	Onenote Fundamentals	HIST& 128	World Civilization III:DIV	SPAN& 121	Spanish I:DIV
BTEC 145	Introduction to MS Word	HIST& 136	US History 1	SPAN& 121	Spanish I:DIV
BTEC 146	Powerpoint Fundamentals	HLTH 105	First Aid, CPR & BB Pathogens	SPAN& 122	Spanish II:DIV
BTEC 147	Intro to Desktop Publishing	HUM 104	Ethics/Cultural Values:DIV	SPAN& 123	Spanish III:DIV
BTEC 149	Internet Fundamentals	HUM& 117	Humanities II	SPAN& 221	Spanish IV
BTEC 150	Introduction to Google Apps	HUM 210	Myth and Rites:DIV	SPAN& 222	Spanish V
BTEC 155	Website Management	MATH& 107	Math in Society	SPAN& 223	Spanish VI
BTEC 156	Introduction to MS Visio	MATH& 141	Precalculus I		



# College Your Way: Flexible Choices



## 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 2019

ART& 100	Art Appreciation:DIV	HIST& 128	World Civilizations III:DIV
BIOL& 160	General Biology	HIST& 136	US History 1
BIOL& 241	Human A & P 1	HUM 104	Ethics and Cultural Values:DIV
BIOL& 242	Human A & P 2	HUM& 117	Humanities II
BTEC 131	Intro to Spreadsheets	HUM 210	Myth and Rites:DIV
BTEC 148	Introduction to Outlook	MATH& 107	Math In Society
BTEC 181	Medical Terminology I	MATH& 146	Intro to Statistics
BTEC 182	Medical Terminology II	MEDA 205	Certification Review for Medical Assisting
BUS& 101	Introduction to Business	MUSC& 105	Music Appreciation
BUS 144	Management of Human Relations:DIV	MUSC 119	American Music:DIV
BUS 150	Customer Service/Management	NUTR& 101	Nutrition
CHEM& 110	Chemical Concepts w/lab	OCEA& 101	Intro to Oceanography
CMST& 210	Interpersonal Communication	PHED 152	Personalized Fitness
CMST& 220	Intro to Public Speaking	PHED 252	Personalized Fitness
CMST& 230	Small Group Communication	POLS& 202	American Government
COLL 074	Math Success	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	Intro to Economics	*SPAN& 121	Spanish I:DIV
ECON& 201	Micro Economics	*SPAN& 122	Spanish II:DIV
EDUC 204	Inclusive Education-Birth Through 21 Focus	*SPAN& 123	Spanish III:DIV
ENGL 098	College Ready English I	*SPAN& 221	Spanish IV
ENGL 099	College Ready English II	*SPAN& 222	Spanish V
ENGL& 101	English Composition I	*SPAN& 223	Spanish VI
ENGL& 102	Composition II		

*\*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
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## Physical Science

## EVENING CLASSES

<b>PHSC 109 ENERGY AND MATTER</b>	<b>NSL</b>
5305 N 5 TTh 3:00p.m.-6:30p.m.	HSB 135 PRINCEHOUSE L
Lab included. Lab Fee: \$15.00	

## Political Science

<b>POLS&amp; 202 AMERICAN GOVERNMENT</b>	<b>SS</b>
3207 DE 5 ARR ARR	ARR MOSSER J
Online class. © Uses Alternative Educational Resources.	

## Psychology

<b>PSYC&amp; 100 GENERAL PSYCHOLOGY</b>	<b>SS</b>
3220 A 5 MW 8:30a.m.-11:35a.m.	MAN 235 WEAVER N
© Uses Alternative Educational Resources.	
3225 B 5 MW 12:00p.m.-3:05p.m.	MAN 235 LISTY A
3235 DE 5 ARR ARR	ARR TUCKER J
Online class.	
3240 DE1 5 ARR ARR	ARR TUCKER J
Online class.	

<b>PSYC&amp; 200 LIFESPAN PSYCHOLOGY</b>	<b>SS</b>
3245 A 5 MW 8:30a.m.-11:35a.m.	PSC 104 RICHIE G
3250 DE 5 ARR ARR	ARR RICHIE G
Online class.	

## Sociology

<b>SOC&amp; 101 INTRODUCTION TO SOCIOLOGY:DIV</b>	<b>D,SS</b>
3280 A 5 TTh 9:00a.m.-12:05p.m.	MAN 235 WEAVER N
© Uses Alternative Educational Resources.	
3290 DE 5 ARR ARR	ARR TATE J
Online class.	

## Spanish

All DE sections are online, using Vistas and email communication with the instructor.

After registering, students must contact Alex Emerson at [aemerson@lowercolumbia.edu](mailto:aemerson@lowercolumbia.edu).

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

<b>SPAN&amp; 121 SPANISH I:DIV</b>	<b>D,H</b>
3295 A 5 MTWTh 9:00a.m.-10:25a.m.	AAR 104 EMERSON A
3305 DE 5 ARR ARR	ARR EMERSON A

<b>SPAN&amp; 122 SPANISH II:DIV</b>	<b>D,H</b>
3315 DE 5 ARR ARR	ARR EMERSON A

<b>SPAN&amp; 123 SPANISH III:DIV</b>	<b>D,H</b>
3325 DE 5 ARR ARR	ARR EMERSON A

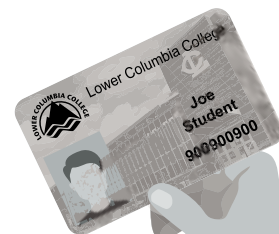
<b>SPAN&amp; 221 SPANISH IV</b>	<b>H</b>
3330 DE 5 ARR ARR	ARR EMERSON A

<b>SPAN&amp; 222 SPANISH V</b>	<b>H</b>
3335 DE 5 ARR ARR	ARR EMERSON A

<b>SPAN&amp; 223 SPANISH VI</b>	<b>H</b>
3340 DE 5 ARR ARR	ARR EMERSON A

### LCC Students, do you know the benefits of carrying a current Student ID card?

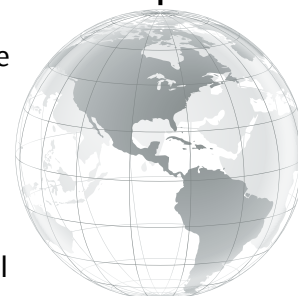
- Access to the LCC Food Pantry, Food For Thought
- Ride the bus for free
- Participation in campus events and activities
- Check out materials from the LCC Library
- Discounts from select local businesses



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

### Host an International Student!

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



## Course # Course Name

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

### TECH 100 ADVANCED PRINCIPLE/TECHNOLOGY

5330 A	5	MTWTh	1:30p.m.-2:55p.m.	VOC 115	GERICK J
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## Welding Technology

A \$12.50 per-credit fee to a maximum of \$125.00 is charged for each welding class.

### WELD 105 RELATED WELDING I

3465 A	1-6	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3470 B	1-6	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 154 INTRODUCTION TO OXY ACETYLENE

3475 A	1-6	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3480 B	1-6	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 155 INTRODUCTION TO ARC WELDING

3485 A	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3490 B	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 221 WIRE MACHINE

3495 A	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3500 B	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 222 ADVANCED WIRE MACHINE

3505 A	1-6	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3510 B	1-6	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 254 ARC WELDING

3515 A	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3520 B	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 255 ADVANCED WELDING PROCESSES

3525 A	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3530 B	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 256 ADVANCED WELDING APPLICATION

3535 A	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	PITTSLEY D
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Students will arrange class schedule with instructor on 1st day of quarter.

3540 B	1-10	MTWTh	8:00a.m.-12:50p.m.	VOC 161	MILLER R
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Students will arrange class schedule with instructor on 1st day of quarter.

### WELD 299 INDEPENDENT STUDY

3555 A	1-10	ARR	ARR	ARR	PITTSLEY D
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3560 B	1-10	ARR	ARR	ARR	MILLER R
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## 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

**Transitional Studies offers continuous enrollment in adult education courses designed to prepare you for college-level studies or help you earn your high school diploma.**

## ABE ENGLISH

<b>ABE 073</b>	<b>INTEGRATED A-C (HEALTH/PE)</b>	7	M-Th	9:00a.m.-11:00a.m.	VOC 156A	Yarbrough-Hall S
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, US HISTORY, GOVERNMENT, FINE ARTS)</b>	5	M-Th	9:00a.m.-10:25a.m.	VOC 156	Staff
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, CWH) HYBRID</b>	▽ 5	MW	9:00a.m.-9:50a.m.	AAR 101	Yund J
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, GOVERNMENT) HYBRID</b>	▽ 5	TTh	10:00a.m.-10:50a.m.	AAR 101	Bent S
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, SCIENCE, LAB SCIENCE, CWH)</b>	5	M-Th	10:30a.m.-11:55a.m.	VOC 154	Watts M
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, SCIENCE, LAB SCIENCE) HYBRID</b>	▽ 5	T	1:00p.m.-1:50p.m.	VOC 156A	Watts M
<b>ABE 091</b>	<b>ENGLISH A-E (ENGLISH, US HISTORY, GOVERNMENT)</b>	5	M-Th	1:00p.m.-2:25p.m.	VOC 156	Sharp J
<b>ABE 091</b>	<b>ENGLISH B-E TECHNOLOGY FOR COLLEGE AND CAREER (OCCUPATIONAL) HYBRID</b>	▽ 5	TWTh	1:00p.m.-2:20p.m.	VOC 153	Bent S
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, WA STATE HISTORY) HYBRID</b>	▽ 5	TTh	2:00p.m.-2:50p.m.	AAR 101	Graham C
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, SCIENCE, LAB SCIENCE, CWH)</b>	5	M-Th	2:30p.m.-3:55p.m.	VOC 156	Staff
<b>ABE 081</b>	<b>ENGLISH A-D (ENGLISH, OCCUPATIONAL ED, HEALTH/PE)</b>	5.2	MW	6:00p.m.-9:00p.m.	VOC 156	Sharp J
<b>ABE 091</b>	<b>ENGLISH C-E (ENGLISH, US HISTORY, GOVERNMENT)</b>	7	M-Th	7:00p.m.-9:00p.m.	VOC 154	Harlan K

## ABE INTEGRATED

<b>ABE 093</b>	<b>INTEGRATED C-E (ENGLISH, MATH, GED) HYBRID</b>	▽ 5	M-Th	5:00p.m.-5:50p.m.	AAR 101	Schultz L
<b>ABE 093</b>	<b>INTEGRATED C-E FAST TRACK (GED, ENGLISH, MATH, FINE ARTS, US HISTORY, GOVERNMENT, ELECTIVES) HYBRID</b>	▽ 13.6	M-Th	6:00p.m.-8:50p.m.	AAR 101	Schultz L
<b>ABE 093</b>	<b>INTEGRATED C-E (PORTFOLIO) HYBRID</b>	▽ 5.2	MW	6:00p.m.-9:00p.m.	Woodland Primary	Bent S

## ABE MATH

<b>ABE 072</b>	<b>MATH C (ELECTIVES)</b>	5	M-Th	9:00a.m.-10:25a.m.	VOC 154	Watts M
<b>ABE 082</b>	<b>MATH D (MATH NON-STEM, ELECTIVES)</b>	6	TWTh	10:30a.m.-12:50p.m.	VOC 156	Graham C
<b>ABE 082</b>	<b>MATH D (MATH)</b>	5	M-Th	1:00p.m.-2:25p.m.	VOC 154	Sung J
<b>ABE 072</b>	<b>MATH B-C HYBRID</b>	▽ 5	T	2:00p.m.-2:50p.m.	VOC 156A	Watts M
<b>ABE 072</b>	<b>MATH A-C</b>	5	M-Th	2:30p.m.-3:55p.m.	VOC 154	Sung J
<b>ABE 072</b>	<b>MATH A-C</b>	5	M-Th	5:30p.m.-6:55p.m.	VOC 154	Sung J
<b>ABE 082</b>	<b>MATH D (MATH)</b>	5	M-Th	5:30p.m.-6:55p.m.	VOC 156A	Nelson G
<b>ABE 092</b>	<b>MATH D-E (MATH) HYBRID</b>	▽ 5	MW	7:00p.m.-9:00p.m.	VOC 153	Schultz J

## ENGLISH AS A SECOND LANGUAGE

<b>ESL 051</b>	<b>ENGLISH A</b>	10.5	M-Th	9:00a.m.-12:00p.m.	VOC 157A	Maslennikova I
<b>ESL 071</b>	<b>ENGLISH B-C (OCCUPATIONAL, HEALTH/PE)</b>	10.5	M-Th	9:00a.m.-12:00p.m.	VOC 157	Hearn F
<b>ESL 071</b>	<b>ENGLISH B-C SPEAKING AND LISTENING</b>	5	M-Th	1:00p.m.-2:25p.m.	VOC 157	Hearn F
<b>ABE 092</b>	<b>MATH FOR ENGLISH LANGUAGE LEARNERS A-E (MATH)</b>	5	M-Th	1:00p.m.-2:25p.m.	VOC 157A	Maslennikova I
<b>ESL 051</b>	<b>ENGLISH A</b>	5.2	MW	6:00p.m.-9:00p.m.	VOC 157A	Roll L
<b>ESL 071</b>	<b>ENGLISH B-C (OCCUPATIONAL, HEALTH/PE)</b>	5.2	MW	6:00p.m.-9:00p.m.	VOC 157	Elliott A
<b>ESL 071</b>	<b>ENGLISH A-C</b>	5.2	MW	6:00p.m.-9:00p.m.	Woodland Primary	Moreno C

**Classes are \$25 per quarter and students may enroll at any time.**  
**For more information**  
**call 360.442.2580.**



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

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

## Business Management

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

**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 131** Introduction to Spreadsheets  
**BTEC 148** Introduction to Outlook  
**IT 111** Introduction to Windows

## 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 105** 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** Introduction to Early Childhood Education  
**EDUC 204** Inclusive Education-Birth Through 21 Focus

## Machine Trades/Manufacturing

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

**ENGL 110** Industrial Communication  
**MASP 111** Machine Shop I  
**MASP 112** Machine Shop II  
**MASP 113** Machine Shop III  
**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

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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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# NEW!

## MULTICRAFT TRADES CERTIFICATE

LCC's newest certificate will prepare you to enter a local apprenticeship, a skilled trade career, or an associate degree program in the industrial trades including manufacturing, diesel/heavy equipment technology, machining, and/or welding.

This certificate is perfect for a '13th year' after high school to jump-start a rewarding career! Credits earned in approved high school classes can be applied to this certificate. Financial aid and scholarships are available for qualifying students.

Learn more at [lowercolumbia.edu/trades](http://lowercolumbia.edu/trades)

# Corporate & Continuing Education

## Business & Professional Development

Corporate & Continuing Education offers a variety of services supporting workforce development and corporate training. Our training team delivers customized, on-demand training programs that enhance professional and personal growth in order to increase local economic competitiveness. We will partner with you to build the best training program for your workforce.

### Our Process:

**Needs Assessment:** CCE trainers will meet with you to discuss training needs and skill gaps in your workforce.

**Program Development:** The CCE training team will partner to develop a customized training program that meets your organizational goals.

**Customized Delivery:** Training can be held on or off site and performed according to customer requirements. The CCE training team can deliver coursework online, in person, or in a hybrid model.

**Sample Training Topics:** Leadership, management & supervision, quality assurance, business computer applications, customer service, and other areas critical to organizational success. **You can also build your own!**

### **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 360.442.2602 or visiting [www.campusce.net/lcc](http://www.campusce.net/lcc).

### **QuickBooks-ONLINE**

Learn how to quickly and efficiently gain control over the financial aspects of your business. Training in various versions available, including QuickBooks Online. For more information or to register visit [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic).

### **Building Teams That Work-ONLINE**

Learn the components of a successful team and the stages of its development. Master the skills you'll need to effectively manage projects, make decisions, and solve problems in a team setting. Discover the pitfalls of unhealthy group interaction and minimize any of its effects on your team. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$115

## Workforce Training

### **CDL Training**

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

Summer and Fall start dates are July 8, July 29, September 30, and October 28.



### **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.

For more information or to register, please contact Mary Harris at 360.442.2602 or [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu). Call or email for a current schedule. Flagger Re-Certification also available. Do you have a group of employees to train? Please contact Mary Harris to set up a training at your facility!



**Professional Vocational Relationships:****Canvas Online**

Examines the legal and regulatory frameworks of practical nursing. Presents concepts of effective communication in health care settings among employees and employers. Explores conflict resolution and teamwork strategies. Discusses professional boundaries, stress management, chain of command, and professionalism as it relates to the licensed practical nurse role and scope. This course fulfills the Washington State requirements for professional relationship content for those applying for licensure as a practical nurse in Washington State. Registration required. Online using Canvas. (Ward) \$150. For more information, please contact Heidi Hamer at 360.442.2603 or [hhamer@lowercolumbia.edu](mailto:hhamer@lowercolumbia.edu).

CLCG 050 A 8980 Online

**HIV/AIDS Education for Health Care Providers**

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

4 hour HIV/AIDS Certification, register for:  
SFTY 046 3265 \$45.00

7 hour HIV/AIDS Certification, register for:  
SFTY 045 3260 \$70.00

# Get Creative this Summer!

## Relax, unwind, and do something for you!

**Ceramics for Fun-Advanced-NEW!**

This short-term series provides an opportunity for anyone who has prior experience working with clay or has been taking regular class sessions to learn/experiment new techniques. The class will focus on introducing new techniques and develop special interests for students, and it will finish with various types of RAKU firings and a potluck. MAN 104 (Wallace) \$55 includes \$5 studio fee for firings and glazes

CLCE 017 A	8080	MW	7/8-7/17	2-4 p.m.
CLCE 017 B	8085	MW	7/8-7/17	6-8 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) \$99 *No class 9/2*

CLCE 018 A	8085	M	7/8-9/9	5-7 p.m.
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**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) \$125

CLCE 018 B	8090	W	7/10-9/4	5-8 p.m.
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**Drawing Outdoors**

The focus in this course is on the development and refinement of time-tested drawing basics. We will investigate and introduce techniques of light and shadow, perspective, proportion, visual measuring, and texture. Along with the studio basics we investigate in Drawing Essentials, we'll take opportunities to visit several outdoor locations, including spots around campus and the city. MAN 148 (Wade) \$99

CLCE 018 C	8095	Th	7/11-9/5	5-7 p.m.
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**Metal Art 2-NEW!**

Summer session for prior Metal Art or welding students. Work on your own projects. 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 continue to develop an understanding of different materials and how to manipulate them. LCC Welding Shop (Pittsley) \$99

CLCE 019 A	8105	M	7/8-8/26	6-8 p.m.
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## Summer Jazz Workshop

The five-day workshop will include intensive study of music rooted in the African American tradition with elements of culture from beyond the U.S. including Cuba, Brazil, India and Western Europe. The workshop includes spontaneous and collective music composition, a listening laboratory, clinics and master classes, and several performances with participants and faculty. The intent of the workshop is to bolster improvisational abilities in local musicians, preparing them for a wide array of musical experiences. There will be small jazz ensembles and one large ensemble that will center on successful execution of written repertoire with some workshop attendees being featured as soloists. Faculty for the workshop will be from LCC and surrounding two- and four-year universities. Individuals will be required to provide their current level of jazz knowledge/skill at the time of registration and participate in a skills review the first day of class to determine placement.

For more workshop information or details contact music instructor, [rmeagher@lowercolumbia.edu](mailto:rmeagher@lowercolumbia.edu). RCA 102 (Meagher) \$100

July 17-21

9 a.m. to 5 p.m.



## Summer Outdoor Adventures

Try something new this summer! No Experience needed!

### Horseshoe Lake Kayaking and Stand Up Paddle Boarding-NEW!

Kayaking and stand up paddle boarding at Horseshoe Lake in Woodland. Meet at Horseshoe Lake Park. No experience necessary. Pack water, a lunch and sun protection. Be prepared to possibly get wet (bring a change of clothes and towel). Students will kayak half of the time, and paddle board half of the time. Paddle boards, kayaks and life jackets will be provided. Pre-registration required. Must be at least 18 years old. (Ross) \$59

CLCE 039 A 8555 F 7/12 10 a.m.-2 p.m.

### Washington State International Kite Festival

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) \$35

CLCE 038 A 8550 F 8/23 9 a.m.-5 p.m.

### Silver Lake Kayaking and Stand Up Paddle Boarding-NEW!

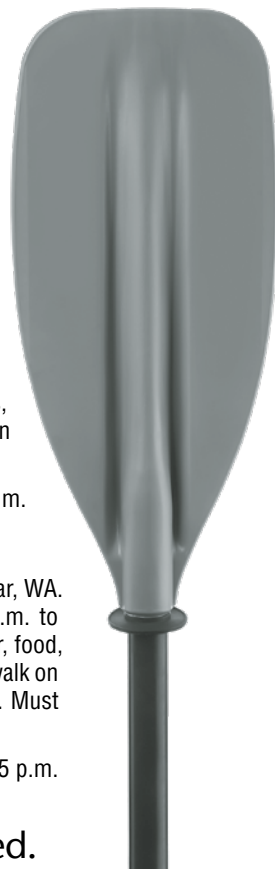
Kayaking and stand up paddle boarding at Silver Lake. Meet at the Silver Lake Public Boat Launch off of Kerr Rd. No experience necessary. Pack water, a lunch and bring sun protection. Be prepared to possibly get wet (bring a change of clothes and towel). Students will kayak half of the time, and paddle board half of the time. Kayaks, paddle boards, and life jackets will be provided. Pre-registration required. Must be at least 18 years old. (Ross) \$59

CLCE 039 C 8565 Sa 7/26 10 a.m.-2 p.m.

### Hiking at June Lake-NEW!

Join us as we hike at June Lake, located out of Cougar, WA. Meet at the LCC Fitness Center Parking Lot at 8 a.m. to travel together. Bring a backpack with plenty of water, food, sun protection and other essentials. Must be able to walk on uneven terrain for 5 miles. Pre-registration required. Must be at least 18 years old. (Ross) \$79

CLCE 039 D 8570 Sa 8/02 8 a.m.-5 p.m.



Register for one or more of our summer adventures. Space is limited.



## Health & Wellness

### 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) \$65

#### Session One (No class 7/1 & 7/3)

CLCE 015 A	8070	MW	6/24-8/5	7-8 a.m.
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#### Session Two (No class 9/2)

CLCE 015 B	8071	MW	8/7-9/11	7-8 a.m.
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### Tai Chi - Beginners

Learn and explore slow and continuous movements to improve mobility, flexibility, balance and increase muscular strength. Primarily Sun (soon) Style that is safe and easy to learn with its gentle postures combined with Qigong exercises to enhance the flow of internal energy (Qi) and cultivate relaxed deeper breathing and body-mindfulness association. Appropriate for individuals new to exercise, looking to manage stress, have chronic health conditions, fall prevention as well as skills-exploration for those revisiting Tai Chi. Students participate at their comfort level and modification needs. Wear loose, comfortable clothing and sneakers or flat, flexible fitness-type shoes. GYM 210 (Eastman) \$65

#### Session One (No class 7/2 & 7/4)

CLCE 028 A	8190	TTh	6/25-8/6	8-9 a.m.
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#### Session Two

CLCE 028 B	8191	TTh	8/8-9/12	8-9 a.m.
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### Zumba Gold® NEW!

Modified intensity and easy to follow dance fitness combined with invigorating Latin and world music. Zumba Gold's motto, "Ditch the workout, join the party!" Beginners, older adults, individuals returning to exercise after an injury or living with a chronic health issue, join the party and participate at your own energy and movement level and modification needs. Classes focus on increasing balance, stamina, muscular conditioning, coordination and flexibility with the added element of careful transitions gentle on joints. GYM 210 (Eastman) \$65

#### Session One (No class 7/3 & 7/5)

CLCE 031 A	8200	WF	6/26-8/7	8:10-9 a.m.
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#### Session Two

CLCE 031 B	8201	WF	8/9-9/13	8:10-9 a.m.
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### Mat Pilates

This class will consist of a series of exercises from within the Pilates Method designed specifically to be performed on the mat. Benefits of Pilates exercises include improved flexibility, muscle tone, body balance, spinal support, low back health, sports performance, and body-mind awareness. Improve your core strength in a safe manner. Appropriate for all levels, however students need to be able to perform exercises on the floor using a mat. Bring a ¼" exercise mat to class. GYM 210 (Skerbeck) \$65

#### Session One

CLCE 034 A	8215	MW	7/8-8/7	5:30-6:30 p.m.
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#### Session Two (No class 9/2)

CLCE 034 B	8220	MW	8/12-9/11	5:30-6:30 p.m.
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### Baby and Me Fitness NEW!

Are you a parent or grandparent with little ones at home? Do you struggle to find time to work out? Then this class is for you! Baby and Me Fitness allows you to break a sweat with your baby in tow. Over the course of the class we will do Pilates, yoga, barre, circuits, and other types of fitness all while sharing a mat with your baby! No experience needed. Geared towards newborn to two-year-olds. GYM 210 (McMullan) \$35 No class 6/20

CLCE 014 A	8065	Th	5/30-6/27	11:30-12:30 p.m.
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CLCE 014 B	8066	Th	8/8-8/29	11:30-12:30 p.m.
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## Kids College 2019

### Let's Play!

*Let's Play!* is three days of learning and playing a variety of different games and sports. Learn about strategy, teamwork, and good sportsmanship. We will learn and play a variety of games and sports ranging from The Oregon Trail to soccer. Lunch is included! *Registration ends June 24 at 5 p.m.*

**July 8-10 from 8 a.m. to 3 p.m.**

LCC Don Talley Vocational Building, Room 201

**Register at**

[www.eventbrite.com/e/kids-college-lets-play-2019-tickets-59192854421](http://www.eventbrite.com/e/kids-college-lets-play-2019-tickets-59192854421)

### Art in the Making

*Art in the Making* is three days of artistic experimentation. Make a new project each day using new techniques, mediums, and processes. Draw, paint, sculpt, build, and create. Students 3rd - 6th grade. Lunch is included! *Registration ends July 15 at 5 p.m.*

**July 29-31 from 8 a.m. to 3 p.m.**

LCC Don Talley Vocational Building, Room 201

**Register at**

[www.eventbrite.com/e/kids-college-art-in-the-making-2019-tickets-59190625755](http://www.eventbrite.com/e/kids-college-art-in-the-making-2019-tickets-59190625755)

### Got STEM?

*Got STEM?* is three days of working in a Maker's Lab. Learn about science, technology, engineering, and math through hands-on experiments. Build, test, and create using computers, LEGO®, recycled material, household compounds, and more! Students 3rd - 6th grade. Lunch is included! *Registration ends August 5 at 5 p.m.*

**August 19-21 from 8 a.m. to 3 p.m.**

LCC Don Talley Vocational Building, Room 201

**Register at**

[www.eventbrite.com/e/kids-college-got-stem-2019-tickets-59190191456](http://www.eventbrite.com/e/kids-college-got-stem-2019-tickets-59190191456)

Questions? Contact Brian DelMar at 360.442.2610 or email [bdelmar@lowercolumbia.edu](mailto:bdelmar@lowercolumbia.edu).

## Career Connected Learning

Career Connected Learning program focuses on increasing the opportunities for real-world learning experiences to connect students with local employers. These experiences progressively build career awareness and skills. Through these experiences, students have the opportunity to develop soft skills as well as job skills. Want to learn more? Contact Brian DelMar at [bdelmar@lowercolumbia.edu](mailto:bdelmar@lowercolumbia.edu) or call 360.442.2610.

### CTE Dual Credits:

A partnership between college and high school instructors designed to guide local students into high-skill, high-wage careers with local industries. High school students can earn dual credit at both their high school, and at Lower Columbia College, without leaving high school or doing additional homework.

### Cooperative Education:

An opportunity to earn up to 15 college credits for work experience in your field of study. Students enrolled in Cooperative Education will build their portfolio and make themselves marketable in today's competitive job market. Students will also intern at a local business to gain real-world work experience.

### Special Events:

Career Connected Learning has a variety of events that engage students from second grade through LCC students. Here are some events that happen yearly: Family STEM Night, High Tech U, Try-A-Trade, Company Tours, Mock Interviews, and Kid's College. Learn more at [lowercolumbia.edu/stem](http://lowercolumbia.edu/stem).

## ENGAGE YOUNG MINDS

Corporate and Continuing Education offers classes and workshops throughout the year to engage your children in fun educational experiences. To register or ask questions, call 360.442.2610 or email Brian DelMar at [bdelmar@lowercolumbia.edu](mailto:bdelmar@lowercolumbia.edu).

### Try-A-Trade on Friday, May 17

Interested in working in the trades? Come see what LCC and local employers have to offer you! LCC Career Connected Learning and our partners invite students to participate in Try-a-Trade! Explore different careers and training opportunities in our Auto, Diesel, Machine, and Welding labs. Starting from 8th grade and up, students will partner up with LCC faculty and students to build, make, and experiment through hands-on activities. Lunch provided! Free! Register at [www.eventbrite.com/e/try-a-trade-2019-tickets-58450041648](http://www.eventbrite.com/e/try-a-trade-2019-tickets-58450041648). *Registration ends May 3 at 5 p.m.*

### Family STEM Night on September 27!

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

**Save the Date!**

# Computers & Technology

## Introduction to Microsoft Excel Online!

Become proficient in using Microsoft Excel and discover how to create worksheets, workbooks, charts, and graphs quickly and efficiently. Training in various versions available. Register and learn more at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic).

## Keyboarding Online!

Learn how to touch-type or improve your existing typing skills using Keyboarding Pro 5. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

More than 300 online courses



## Online Courses

*anytime, anywhere...  
just a click away!*

Learn from the comfort of home!

## LCC 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 [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu)

12/10/01

## About Corporate & Continuing Education

For the latest information about Corporate & Continuing Education, see [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce) or visit us on Facebook at [facebook.com/LCC.ContinuingEd](https://facebook.com/LCC.ContinuingEd)

## It's easy to sign up for classes:

- Sign up online at [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce)
- OR call 360.442.2600 and 360.442.2840 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 360.442.2600

## 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.

## Online Learning:

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!



# Instructor-Led **ONLINE** Youth Courses



## LCC Corporate and Continuing Education

Our **instructor-led** online courses are informative, fun, convenient, and highly interactive. We focus on creating warm, 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.**



### Drawing for the Absolute Beginner

Gain a solid foundation in drawing and become the artist you've always dreamed you could be!



### Introduction to Microsoft Word

Learn how to create and modify documents with the world's most popular word processor.



### Introduction to Microsoft PowerPoint

Build impressive slide presentations filled with text, images, video, audio, charts, and more.



### Introduction to Microsoft Publisher

Find out how to use this software to design, develop, and publish newsletters, Web sites, and brochures.



### Creating Web Pages

Learn the basics of HTML so you can design, create, and post your very own site on the Web.



### Blogging and Podcasting for Beginners

Learn how to create your very own blog and add a podcast too using the tools you already have on your computer.



### Introduction to Photoshop

Learn how to use Photoshop, the world's best graphics program, to edit and process photos and create original images.



### Photoshop Elements for the Digital Photographer

Master the secrets of correcting digital photos, and bring out the best in all your photographs!



### Secrets of Better Photography

Discover strategies and tricks for taking excellent pictures no matter what or where you're shooting.



### Discover Digital Photography

Explore the fascinating world of digital photography equipment.



### SAT/ACT Preparation

Get your best possible score on the verbal and reasoning sections of the new SAT exam.



### Introduction to Algebra

Understand how algebra is relevant to almost every aspect of your daily life, and become skilled at solving a variety of algebraic problems.

Learn from  
the comfort  
of home!

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

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

MORE COURSES AVAILABLE AT OUR ONLINE INSTRUCTION CENTER

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

**(360) 442-2602**

Visit our website for start dates





Mail to: Corporate and  
Continuing Education  
1600 Maple, PO Box 3010  
Longview, WA 98632  
Phone: 360.442.2600

Year 2019  
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)

\_\_\_\_\_  
Last Name      First Name      Middle Initial      Previous Last Name

\_\_\_\_\_  
Mailing Address      City      State      Zip Code

\_\_\_\_\_  
E-mail Address      Home Phone      Work Phone      Cell Phone

### ENROLLMENT INFORMATION

Item#	Course Description	Dept.	Course	Section	Room	Days	Time	Date	Fees
1111	Sample Course Title	CLCE	9999	A	DTV 201	MW	7 p.m.	7/8	\$ 49
Total									

### Have you ever attended classes at LCC?

☐ Yes ☐ No Last year attended \_\_\_\_\_

### How did you hear about this class?

\_\_\_\_\_  
\_\_\_\_\_

### Any other classes you'd like to see at LCC?

\_\_\_\_\_  
\_\_\_\_\_

Mail your completed form with payment  
to complete enrollment.

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

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

*\*\*The Student ID # is assigned by Lower Columbia College to provide specific identification for every student.  
Your Student ID Number is NOT your Social Security number.*

# 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 [lowercolumbia.edu/advising](http://lowercolumbia.edu/advising)

## ■ 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

Summer Hours: Fork & Flame: 7:30 a.m.-1:30 p.m.; Espresso Bar: 7:30 a.m.-1 p.m. Mon–Thurs. Located in the Student Center.

## ■ DISABILITY SUPPORT SERVICES

If you have a disability, the Disability Support Services Office in Admissions Center Room 143, may be able to provide reasonable accommodation, arrange auxiliary aids, advising, admission, registration, referrals, counseling, educational and vocational planning and voter registration.

360.442.2341 [lowercolumbia.edu/disability](http://lowercolumbia.edu/disability)

## ■ FINANCIAL AID

Apply early for financial aid; processing takes 3-6 weeks. Application and deadline information is located on page 7.

360.442.2390 [lowercolumbia.edu/finaid](http://lowercolumbia.edu/finaid)

## ■ GED TESTING

GED testing at LCC is all computer-based. You can register, schedule, and pay online 24/7 and get your test results immediately.

360.442.2353 [lowercolumbia.edu/ged](http://lowercolumbia.edu/ged)

## ■ INSURANCE AVAILABLE TO STUDENTS

LCC offers an accident and sickness insurance plan designed for students. Brochures are available in the Admission Center.

## ■ LEARNING COMMONS AND LIBRARY

Summer 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 CENTER

The Veteran Resource Center is located on the first floor of the Student Center. The center provides a veteran-friendly academic environment for veteran students and their dependents. It is also a place where veteran students can access vital resources and benefit information. Contact Connie O'Brien-Larsen for details.

[cobrienlarsen@lowercolumbia.edu](mailto:cobrienlarsen@lowercolumbia.edu)

## ■ WITHDRAWAL

If you leave a class without completing it, withdraw or arrange an "incomplete" with your instructor in order to avoid receiving a poor final grade. Forms and information are available in the Registration Office. Check withdrawal deadlines on page 4. If your class ends before the end of the quarter, you may withdraw through the last day of instruction for that class.

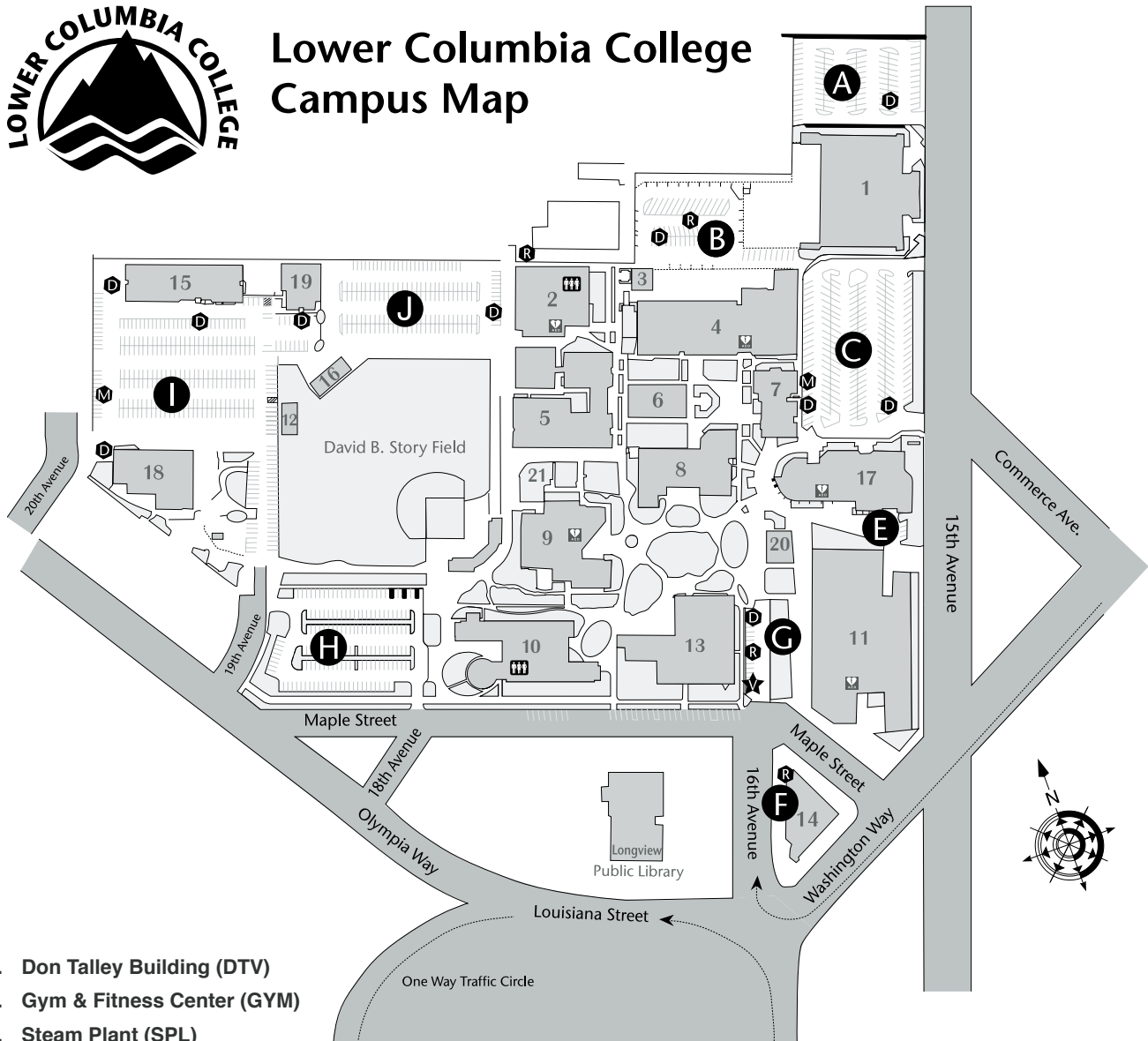
## ■ WORKER RETRAINING

For dislocated workers and others seeking employment, training orientations are offered. Go to [startnextquarter.org](http://startnextquarter.org) to sign up, call the number below, or visit the Career Center's front desk for assistance.

360.442.2330 [lowercolumbia.edu/worker-retraining](http://lowercolumbia.edu/worker-retraining)



# Lower Columbia College Campus Map



1. Don Talley Building (DTV)
2. Gym & Fitness Center (GYM)
3. Steam Plant (SPL)
4. Vocational Building (VOC)
5. Applied Arts Building (AAR)
6. Science Building (SCI)
7. Physical Science Center (PSC)
8. Admissions Center (ADC)
  - Career Services
  - Cashiers
  - Disability Support Services
  - Financial Aid
  - Registration
  - Testing Center
9. Library- Alan Thompson (LIB)
  - eLearning
  - Regional University Center
  - Tutoring Center
10. Health and Science Building (HSB)
11. Rose Center for the Arts (RCA)

12. International Center (INC)
13. Main Building (MAN)
14. Administration Building (ADM)
15. Head Start/Home & Family Life (HFL)
16. Batting Barn (BTB)
17. Student Center (STC)
  - Bookstore
  - Dining
  - Student Activities Office
  - Student IDs/Information
18. Campus Services Building (CMS)
19. Head Start East Building (HSE)
20. Pavilion
21. Learning & Healing Garden

- A - J Parking Lots
- D Disabled Parking
- R Reserved Parking
- M Motorcycle Parking
- ★ Visitors
- AED External Defibrillator (AED)
- Gender Neutral Restroom

**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 8**

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)

