



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

SUMMER 2020 CLASS SCHEDULE



SUMMER CLASSES BEGIN JULY 6

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## LCC Office Hours

**Summer Hours: Closed Fridays,  
June 29 – September 4**

**Regular Hours: Mon–Fri, 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.*

### About This Schedule:

Every effort is made to ensure that the information in this course schedule is accurate at the time of publication. The College reserves the right to change its class offerings as necessary. For the latest information, please check the online class schedule at [lowercolumbia.edu/classes](http://lowercolumbia.edu/classes).

LCC mails class schedules to all households in Cowlitz County four times each year to inform residents about college programs and services. Because they are addressed to "Residential Customer," we are unable to remove individuals from our distribution route. Schedules can be recycled with your newspapers.

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POSTMASTER: Send address changes to Lower Columbia College, 1600 Maple Street, Longview, WA 98632-0310.

### 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.

### Jeanne Clery Statement: Notice of Availability of Annual Security and Fire Safety Report

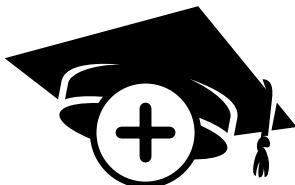
In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act of 1998, and as a part of the College's commitment to safety and security on campus, Lower Columbia College reports the mandated information about current campus policies concerning safety and security issues, the required statistics, and other related information for the past three (3) calendar years. Lower Columbia College's **Annual Security and Fire Safety Report** is available online at [lowercolumbia.edu/ClerlyASFR](http://lowercolumbia.edu/ClerlyASFR).

**With the new  
Washington College  
Grant, you may be  
eligible to attend  
college for free.**

**Learn more at [lowercolumbia.edu/free-college](http://lowercolumbia.edu/free-college)**

## **GraduationPlus**

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



**GraduationPlus**

- Credits you earned in high school may also count toward a college credential.
- By 2023, four out of five 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)**

# HOW TO REGISTER

## FIRST STEPS for New Students

### **Apply for Admission – no fee to apply!**

- Online at [lowercolumbia.edu/apply](http://lowercolumbia.edu/apply)
- Assistance available at the One-Stop Center, located in the Admissions Center
- Re-apply after two or more years away
- Student number provided once you apply

### **Apply for Financial Aid**

- Fill out financial aid application (FAFSA/WAFSA)
- Find links in NSO or at [lowercolumbia.edu/aid](http://lowercolumbia.edu/aid)
- Visit the One-Stop Center, located in the Admissions Center

### **Complete New Student Orientation (NSO)**

- Attend online at [lowercolumbia.edu/nso](http://lowercolumbia.edu/nso)
- Get help at the One-Stop Center, located in the Admissions Center

### **Meet with an Advisor**

- Appointment scheduled once NSO is complete
- Develop an academic plan
- Register for classes
- Take a campus tour

### **Non-credit classes:**

Continuing Education class listings and registration information begin on page 19.

## Class Full? Get on the Waitlist!

Students may be added to the waitlist through the end of the day, Friday, June 26. If openings occur through the third day of the quarter (July 8), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

Being on the waitlist does not guarantee that you'll get in, or that a new section will be made available. Tuition and fee charges will not include waitlisted classes until you are registered in them. Check your waitlist status or remove yourself from a waitlist using the ctcLink Student Homepage **Manage Classes** tile.

*Cashier, the One-Stop Center, Financial Aid, Advising, and Registration are located in the Admissions Center. Questions? Contact the One-Stop Center, [onestop@lowercolumbia.edu](mailto:onestop@lowercolumbia.edu), phone 360.442.2322 or toll-free 1.866.900.2322.*

**Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change**

## Current Students

Registration for current students is now open.

**1. Log in to ctcLink** and visit your ctcLink Student Homepage. Find out your earliest registration date/time by clicking on the **Manage Classes** tile. Click on **Enrollment Dates**, located in the menu on the left hand side of the page.

**2. Communicate with your program advisor** to review your academic plan and plan your class schedule. To find your advisor's information, log in to your ctcLink Student Homepage. Click on the **Academic Progress** tile and navigate to the **Advisors** link, located in the menu on the left hand side of the page.

**3. Register** online or in person at Registration. Students taking more than 18 credits must register in person, when the campus is open.

**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 using the ctcLink Student Homepage, Financial Account Tile or in person, when the campus is open, at the Cashier. Find out more about the delayed tuition payment option at [lowercolumbia.edu/payment-plan](http://lowercolumbia.edu/payment-plan).

## Summer Dates and Deadlines

Open registration for Summer begins.....	May 4
Priority application deadline for Summer financial aid ....	May 22
Summer application for admission deadline .....	May 26
Last day for Summer Administrative Hold .....	June 15
Last day to be added to a Waitlist.....	June 26
Summer office hours begin .....	June 29
Summer quarter tuition due.....	June 30
Independence Day holiday .....	July 3
First day of classes .....	July 6
Last day of online registration.....	July 8
Last day for 100% tuition refund.....	July 13
Last day to apply for Summer graduation.....	July 14
Last day for 50% tuition refund.....	July 23
Last day to withdraw from classes.....	August 27
Last day of Summer classes.....	August 27
Summer finals .....	Last day your class meets

# PAYING FOR COLLEGE

## **Financial Aid**

[lowercolumbia.edu/financial-aid](http://lowercolumbia.edu/financial-aid)

There are two different application forms for financial aid. The **FAFSA** is for U.S. citizens and permanent residents of the U.S. The **WAFSA** is for people who are ineligible for federal financial aid due to immigration status.

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

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

Students who are eligible for federal basic food benefits may be eligible for BFET support.

## **Opportunity Grant**

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

Unemployed or underemployed adults seeking a certificate or degree in a high demand career field may be eligible for an Opportunity Grant.

## **Scholarships**

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

LCC awards over \$250,000 in scholarships every year. All scholarships are different, and many are not dependent on income eligibility. Scholarships cover tuition, student fees, books and supplies. Some scholarships also cover other expenses like transportation or childcare. The scholarship application period is usually open from early February to early April.

## **Tuition Payment Plan**

[lowercolumbia.edu/payment-plan](http://lowercolumbia.edu/payment-plan)

LCC's payment plan allows you to pay your tuition in smaller, more convenient monthly payments. Once you enroll, payments are charged to your credit/debit card or come out of your bank account automatically.

## **Veterans' Services**

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

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

## **Worker Retraining**

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

Worker Retraining is a state-funded program to help dislocated and unemployed workers retrain for a new career.

# TUITION & FEES

For more information about current tuition and fee rates please visit [lowercolumbia.edu/tuition](http://lowercolumbia.edu/tuition)

# ONLINE SERVICES

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

- Registration**
- Payment for College**
- Records & Grades**
- Student Accounts**

# STUDENT RESOURCES

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

- Student Services**
- Campus Life**
- Academic Resources**



## Start Next Quarter



*Find out if you qualify for special funding!*

Take the 10-minute survey at [startnextquarter.org](http://startnextquarter.org) to find out if you might qualify for programs that help cover college expenses.

**Learn more at**  
**[startnextquarter.org](http://startnextquarter.org)**

# 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 this schedule: **⑩** All Transitional Studies, ABE and ESL classes are AER. Below are the classes using AER this quarter:

ART 101	Beginning Drawing - 2829, 2830	ENGL& 101	English Composition I - 2612
ART 102	Intermediate Drawing - 2831, 2832	ENGL& 102	Composition II - 2606, 2607
ART 103	Advanced Drawing - 2833, 2834	MASP 107	Mach Shop/Related Occupations - 3004
ART 299	Independent Study-Art - 2841, 2843	MASP 111	Machine Shop I - 3006
BIOL& 160	General Biology w/lab - 2488, 2490, 2492	MASP 112	Machine Shop II - 3010
BIOL& 241	Human A & P 1 w/lab - 2494, 2496	MASP 113	Machine Shop III - 3014
BIOL& 242	Human A & P 2 w/lab - 2498, 2500, 2502	MFG 100	Foundation Skills Trades - 3019
BIOL& 260	Microbiology w/lab - 2504	MATH& 107	Math in Society - 2776
BUS 100	Foundations Business Success - 2976	MUSC 131	Beginning Guitar - 2877
BTEC 050	Intro to Google Apps - 2936	MUSC 132	Intermediate Guitar - 2883
BTEC 055	Website Management - 2937	MUSC 133	Advanced Guitar - 2887
BTEC 130	Electronic Calculators - 2947	NUTR& 101	Nutrition - 2784, 2785, 2786, 2787
BTEC 150	Intro to Google Apps - 2944	NUTR 298	Nutrition-Special Topics - 2783
BTEC 155	Website Management - 2945	POLS& 202	American Government - 2820
CHEM& 110	Chemical Concepts w/lab - 2506	PSYC& 100	General Psychology - 2821
CMST& 220	Public Speaking - 2852, 2855, 2859	SOC& 101	Intro to Sociology:DIV - 2827
CMST& 230	Small Group Communication - 2862		
ECON 105	Intro to Economics - 1875		
ECON& 201	Micro Economics - 1876		
ENGL 098	College Ready English I - 2531, 2538		
ENGL 099	College Ready English II - 2541, 2543		

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## Buying Your Books

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

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early.
- 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 12, and available in-store on June 15.



### Bookstore Hours

June 29 to September 4  
Mon-Thurs, 8 a.m.-4 p.m.,  
Closed Friday

### Spring Book Buyback

June 15, 12-4:30 p.m.  
June 16-18, 8:30 a.m.-4:30 p.m.  
June 19, 8:30 a.m.-1 p.m.

### Summer Book Buyback

Check Bookstore website in July for dates and times.

### Initials and symbols in the class listing

**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 information is on page 8.

**⑩** = 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.

# CLASS LISTINGS

Course # Course Name

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

## Art & Design

### ART & 100 ART APPRECIATION:DIV

▽ 2846 DE1 5 ARR ARR COOPER R D,H  
Online class.

### ART 101 BEGINNING DRAWING

2829 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
2830 B 3 TTh 9:00a.m.-12:45p.m. MAN 109 KOHLMEIER M

⊗ Course is clustered with other class sections that meet at the same time, in the same classroom. Lab Fee: \$6.80 ⊗ Uses Alternative Educational Resources.

### ART 102 INTERMEDIATE DRAWING

2831 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
2832 B 3 TTh 9:00a.m.-12:45p.m. MAN 109 KOHLMEIER M

⊗ Course is clustered with other class sections that meet at the same time, in the same classroom. Lab Fee: \$6.80 ⊗ Uses Alternative Educational Resources.

### ART 103 ADVANCED DRAWING

2833 A 3 MW 1:00p.m.-4:45p.m. MAN 109 KOHLMEIER M  
2834 B 3 TTh 9:00a.m.-12:45p.m. MAN 109 KOHLMEIER M

⊗ Course is clustered with other class sections that meet at the same time, in the same classroom. Lab Fee: \$6.80 ⊗ Uses Alternative Educational Resources.

### ART 299 INDEPENDENT STUDY

▽ 2841 MM1 1-3 ARR ARR COOPER R  
Instructor permission required to enroll.

Lab Fee: \$22.60 ⊗ Uses Alternative Educational Resources.  
2843 MM2 1-3 ARR ARR KOHLMEIER M  
Instructor permission required to enroll.

Lab Fee: \$22.60 ⊗ Uses Alternative Educational Resources.

## Astronomy

### ASTR & 101 INTRODUCTION TO ASTRONOMY

▽ 2486 A 5 MW 9:00a.m.-12:05p.m. HSB 137 VAZQUEZ J

## Automotive Technology

There is a fee of \$14.20 per student per quarter for all AMTC classes.

### AMTC 100 ESSENTIALS OF MECHANICS

2926 A 5 MT 12:00p.m.-3:45p.m. DTV 108 ROESKE G

### AMTC 105 VEHICLE CLIMATE CONTROL

2928 A 5 MT 7:30a.m.-11:15a.m. DTV 233 ROESKE G

### AMTC 299 INDEPENDENT STUDY

2930 MM1 1-5 ARR ARR DTV 108 ROESKE G

Instructor permission required to enroll.

**Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change**

## Biology

### BIOL & 160 GENERAL BIOLOGY W/LAB

NSL

▽ 2488 DE1 5 ARR ARR MC CORMICK C  
Students should be prepared to purchase online lab software called Late Nite Labs. The cost for access is \$29.95. ⊗ Uses Alternative Educational Resources. Online class.

▽ 2490 DE2 5 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. ⊗ Uses Alternative Educational Resources. Online class.

▽ 2492 DE3 5 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. ⊗ Uses Alternative Educational Resources. Online class.

### BIOL & 241 HUMAN ANATOMY AND PHYSIOLOGY 1 W/LAB

NSL

▽ 2494 DE 5 ARR ARR MYERS L  
Prerequisite: BIOL & 160 or equivalent with a grade of C or better or instructor permission. ⊗ Uses Alternative Educational Resources. Online class.

▽ 2496 DE1 5 ARR ARR MYERS L  
Prerequisite: BIOL & 160 or equivalent with a grade of C or better or instructor permission. ⊗ Uses Alternative Educational Resources. Online class.

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

NSL

▽ 2498 DE 5 ARR ARR MYERS L  
Prerequisite: BIOL & 241 with a C or better. Lab included. Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: \$49.00. ⊗ Uses Alternative Educational Resources. Online class.

▽ 2500 DE1 5 ARR ARR MYERS L  
Prerequisite: BIOL & 241 with a C or better. Lab included. Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: \$49.00. ⊗ Uses Alternative Educational Resources. Online class.

▽ 2502 DE2 5 ARR ARR MYERS L  
Prerequisite: BIOL & 241 with a C or better. Lab included. Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: \$49.00. ⊗ Uses Alternative Educational Resources. Online class.

### BIOL & 260 MICROBIOLOGY

NSL

▽ 2504 DE 5 ARR ARR MC CORMICK C  
Online class.  
Lab Fee: \$26.90 ⊗ Uses Alternative Educational Resources.

## Business Administration

### BUS 100 FOUNDATIONS BUSINESS SUCCESS

SS

▽ 3767 A 5 ARR ARR AAR 110 GAITHER M  
Class will meet on Wednesday, July 8 from 9-11 a.m. and Thursday, August 27 from 9-11 a.m. ⊗ Uses Alternative Educational Resources.

▽ 2976 DE 5 ARR ARR ARR GAITHER M  
Online class. ⊗ Uses Alternative Educational Resources.

### BUS & 101 INTRODUCTION TO BUSINESS

SS

▽ 2983 A 5 TTh 9:00a.m.-10:40a.m. AAR 108 CUMMINGS D  
Hybrid class; partially online.

▽ 2985 DE 5 ARR ARR ALLWINE T  
Online class.

## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
<b>BUS 104 BUSINESS MATH APPLICATIONS</b>						
▼ 2977 A	5	TTh	11:30a.m.-1:00p.m.	HSB 107	CUMMINGS D	
Hybrid class; partially online.						
<b>BUS 144 MANAGEMENT OF HUMAN RELATIONS:DIV</b>						
▼ 2979 A	5	TTh	3:00p.m.-5:00p.m.	AAR 103	STUART M	D
Hybrid class; partially online.						
▼ 2981 DE	5	ARR	ARR	ARR	ALLWINE T	
Online class.						
<b>BUS 150 CUSTOMER SERVICE/MANAGEMENT</b>						
▼ 2982 DE	5	ARR	ARR	ARR	STUART M	
Online class.						

## Business Technology

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

- Standard BTEC classes, where a lecture is presented and homework assigned.
- Online classes.
- Business Achievement Center classes, where students work on their own with the assistance of an instructor or an instructional support staff member.

### Business Achievement Center

The Business Achievement Center (BAC) is located in AAR 109. Hours are Monday-Thursday 9a.m.-2p.m. and testing is Monday-Thursday 9a.m.-12p.m. Students must have photo ID to use the lab. Please contact the BAC at 360.442.2710 if you have any questions. Unless otherwise noted, a computer lab fee is charged for all BTEC courses.

⊗ These courses are clustered with other class sections that meet at the same time, in the same classroom. All BTEC DE sections are clustered.

### SKILL BUILDING CLASSES

These courses are open to all students pursuing any program.

⊗ These courses are clustered with other class sections that meet at the same time, in the same classroom.

#### BTEC 010 KEYBOARDING SPEED/ACCY

2932 P 1-5 ARR ARR AAR 110 BENNETT S  
This course is graded on a Pass/Fail basis only.

#### BTEC 045 INTRODUCTION TO MS WORD

▼ 2933 P 1-5 ARR ARR AAR 110 LEMMONS N

#### BTEC 046 POWERPOINT FUNDAMENTALS

▼ 2934 P 1-2 ARR ARR AAR 110 LEMMONS N

#### BTEC 047 INTRODUCTION TO DESKTOP PUBLISHING

▼ 2935 P 1-3 ARR ARR AAR 110 BENNETT S

#### BTEC 050 INTRODUCTION TO GOOGLE APPS

▼ 2936 P 1-3 ARR ARR AAR 110 BENNETT S  
⊗ Uses Alternative Educational Resources.

#### BTEC 055 WEBSITE MANAGEMENT

▼ 2937 P 3 ARR ARR AAR 110 BENNETT S  
⊗ Uses Alternative Educational Resources.

#### BTEC 110 KEYBOARDING WITH SPEED AND ACCURACY

▼ 2938 P 1-5 ARR ARR AAR 110 BENNETT S  
This course is graded on a Pass/Fail basis only.

#### BTEC 120 SPECIALIZED APPS FOR BUSINESS

▼ 2939 P 3 ARR ARR AAR 110 LEMMONS N  
Computer lab fee will be charged.

#### BTEC 130 ELECTRONIC CALCULATORS

2940 P 1-2 ARR ARR AAR 110 LEMMONS N  
No computer lab fee. ⊗ Uses Alternative Educational Resources.

#### BTEC 131 INTRODUCTION TO SPREADSHEETS

▼ 2947 DE 5 ARR ARR ARR LEMMONS N  
No computer lab fee.  
Online class.

#### BTEC 145 INTRODUCTION TO MS WORD

▼ 2941 P 1-5 ARR ARR AAR 110 LEMMONS N

#### BTEC 146 POWERPOINT FUNDAMENTALS

▼ 2942 P 1-2 ARR ARR AAR 110 LEMMONS N

#### BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING

▼ 2943 P 1-3 ARR ARR AAR 110 BENNETT S  
Prerequisite: BTEC 145 or equivalent.

#### BTEC 148 INTRODUCTION TO OUTLOOK

▼ 2948 DE 2 ARR ARR ARR BENNETT S  
Online class.

#### BTEC 150 INTRODUCTION TO GOOGLE APPS

▼ 2944 P 1-3 ARR ARR AAR 110 BENNETT S  
⊗ Uses Alternative Educational Resources.

#### BTEC 155 WEBSITE MANAGEMENT

▼ 2945 P 3 ARR ARR AAR 110 BENNETT S  
⊗ Uses Alternative Educational Resources.

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

▼ 2946 P 2 ARR ARR ARR LEMMONS N  
Hybrid class; partially online.

#### BTEC 181 MEDICAL TERMINOLOGY I

▼ 2958 DE 3 ARR ARR ARR LEMMONS N  
No computer lab fee.  
Online class.

#### BTEC 182 MEDICAL TERMINOLOGY II

▼ 2960 DE 3 ARR ARR ARR LEMMONS N  
No computer lab fee.  
Online class.

**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**

**Course # Course Name**

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

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

2521 A 5 MTWTh 9:00a.m.-10:25a.m. HSB 105 GERICK J

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

▼ 2506 DE1 5 ARR ARR PECORE J  
 Exams must be proctored for this course, using either the LCC Testing Center or online options, contact the instructor for more information. CHEM& 110 Lab costs \$25.00. (E) Uses Alternative Educational Resources.  
 Online class.

**CHEM& 121 INTRODUCTION TO CHEMISTRY****NSL**

2514 A 5 MTWTh 10:30a.m.-11:30a.m. HSB 105 STAFF  
 M 12:00p.m.-3:45p.m. HSB 332

Lab included. Lab Fee: \$15.00

**CHEM& 163 GENERAL CHEMISTRY III****NSL**

2512 A 5 MTWTh 8:30a.m.-9:50a.m. HSB 106 STAFF  
 Students must also enroll for one of the lab section CHEM& 163 LA.  
 Lab Fee: \$26.90

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

2513 LA 0 TW 1:00p.m.-3:25p.m. HSB 332

**College Success****COLL 101 FIRST YEAR SEMINAR I**

▼ 3789 A 2 TTh 12:00p.m.-12:50p.m. PSC 104 RISTER M  
 ▼ 3790 DE 2 ARR ARR AKINS-FIELDS  
 Online class.

**COLL 289 EMPLOYMENT PORTFOLIO SEMINAR**

▼ 3717 A 1 ARR ARR BENNETT S  
 Online class.

**Computer Science**

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

**CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS**

▼ 2986 A 3 MW 1:00p.m.-2:45p.m. AAR 109E BENNETT S

▼ 2988 DE 3 ARR ARR ROSI D

No computer lab fee.

Online class.

**Cooperative Education**

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

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

To enroll in a Cooperative Education program, students must have prior permission from an instructor in the appropriate program and the Workforce Education Manager. For information, contact Lynell Amundson at 360.442.2601 or lamundson@lowercolumbia.edu, or stop by PSC 101.

Cooperative Education students must attend a mandatory orientation. For more information, contact Lynell Amundson at 360.442.2601 or lamundson@lowercolumbia.edu.

A \$14.30 lab fee will be charged for all 288 classes. All Cooperative Education courses uses the CANVAS learning management system ▼.

ACCT 288	3791	CJ 288	3797	MFG 288	3803
AH 288	3792	ECED 288	3798	MEDA 288	3804
ART 288	3793	ENGR 288	3799	PSYC 288	3805
BUS 288	3794	HLTH 288	3800	WELD 288	3806
BTEC 288	3795	HDEV 288	3801		
CDS 288	3796	IT 288	3802		

**Communication Studies****CMST& 210 INTERPERSONAL COMMUNICATION****H**

▼ 2847 DE 5 ARR ARR GILBERTI S  
 Online class.

**CMST& 220 PUBLIC SPEAKING****H**

▼ 2852 A 5 MW 9:00a.m.-12:05p.m. RCA 220 BREHM A  
 (E) Uses Alternative Educational Resources.

▼ 2855 B 5 MW 12:30p.m.-3:35p.m. RCA 220 GILBERTI S  
 (E) Uses Alternative Educational Resources.

▼ 2859 DE 5 ARR ARR BREHM A  
 Online class. (E) Uses Alternative Educational Resources.

**CMST& 230 SMALL GROUP COMMUNICATION****H**

▼ 2862 DE 5 ARR ARR GORDON S  
 Online class. (E) Uses Alternative Educational Resources.

**Diesel/Heavy Equipment Technology**

There is a fee of \$14.20 per student per quarter for all DHET classes.

**DHET 105 VEHICLE CLIMATE CONTROL**

2989 A 5 MT 7:30a.m.-11:15a.m. DTV 233 ROESKE G

***Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change***

Course # Course Name

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

## Early Childhood Education

**ECED & 100 CHILD CARE BASICS**

▼ 1841 DE 3 ARR ARR  
Online class.

ARR AKINS-FIELDS

**ECED & 105 INTRODUCTION TO EARLY CHILDHOOD EDUCATION**

▼ 1846 DE 5 ARR ARR  
Online class.

ARR ZBAEREN J

**ECED & 190 OBSERVATION/ASSESSMENT**

▼ 1853 A 3 Th 4:00p.m.-5:30p.m.  
Class meets on July 9, 23, August 6, 20, and 27.  
Hybrid class; partially online.

HSB 135 CARPENTER B

## Economics

**ECON 105 INTRODUCTION TO ECONOMICS**

▼ 1875 DE 5 ARR ARR  
Contact instructor at jfranz@lowercolumbia.edu for more information.  
Online class.  
④ Uses Alternative Educational Resources.

ARR FRANZ J

**ECON & 201 MICRO ECONOMICS**

▼ 1876 DE 5 ARR ARR  
Contact instructor at jfranz@lowercolumbia.edu for more information.  
Online class.  
④ Uses Alternative Educational Resources.

ARR FRANZ J

## Education

**EDUC & 150 CHILD, FAMILY, COMMUNITY**

▼ 1877 DE 3 ARR ARR  
Online class.

ARR ZBAEREN J

**EDUC & 204 INCLUSIVE ED BIRTH-21**

▼ 1878 DE 5 ARR ARR  
There is an orientation for EDUC 204 on Monday, July 8 at 6:00 p.m. in SCI 102.  
Online class.

ARR ZBAEREN J

**EDUC 319 ANTI-BIAS EDUCATION**

▼ 1881 A 4 Th 4:00p.m.-6:30p.m. LIB 130 WILLIAMSON A  
Restricted to BAS-TE admitted students. Instructor permission required to enroll.  
Hybrid class; partially online.

**EDUC 345 CURRICULUM DEVELOPMENT & DESIGN**

▼ 1882 A 4 T 4:00p.m.-7:00p.m. HSB 135 CARPENTER B  
Restricted to BAS-TE admitted students. Instructor permission required to enroll.  
Hybrid class; partially online.

## English

**ENGL 098 COLLEGE READY ENGLISH I**

▼ 2531 B 5 MTWTh 11:00a.m.-12:25p.m. AAR 128 LEAVENS A  
④ Uses Alternative Educational Resources.

▼ 2535 C 5 MTWTh 12:00p.m.-1:25p.m. AAR 129 HAYNES J

▼ 2538 DE 5 ARR ARR LEAVENS A  
Online class. ④ Uses Alternative Educational Resources.

**ENGL 099 COLLEGE READY ENGLISH II**

▼ 2541 B 5 MTWTh 11:00a.m.-12:25p.m. AAR 128 LEAVENS A  
④ Uses Alternative Educational Resources.

▼ 2542 C 5 MTWTh 12:00p.m.-1:25p.m. AAR 129 HAYNES J

▼ 2543 DE 5 ARR ARR LEAVENS A  
Online class. ④ Uses Alternative Educational Resources.

**ENGL & 101 ENGLISH COMPOSITION I**

▼ 2604 A 5 MTWTh 9:00a.m.-10:25a.m. AAR 130 HAYNES J  
▼ 2612 B 5 MW 9:00a.m.-12:05p.m. PSC 104 RISTER M  
④ Uses Alternative Educational Resources.

▼ 2615 C 5 MTWTh 10:30a.m.-11:55a.m. AAR 130 HAYNES J

**ENGL & 102 COMPOSITION II**

▼ 2606 A 5 MTWTh 11:00a.m.-12:25p.m. AAR 106 STAFF  
④ Uses Alternative Educational Resources.

▼ 2607 DE 5 ARR ARR MCCARTHY D  
Online class. ④ Uses Alternative Educational Resources.

**ENGL 110 INDUSTRIAL COMMUNICATION**

▼ 2601 A 5 MTWTh 1:30p.m.-2:55p.m. AAR 110C LEAVENS A

**ENGL 270 LITERATURE FOR CHILDREN**

▼ 2603 DE 5 ARR ARR MCCARTHY D  
Online class.

## Health

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

**HLTH 100 OCCUPATIONAL SAFETY AND HEALTH**

▼ 2619 HB 3 ARR ARR DTV 232 JOHNSON B  
Orientation will be online. Check your CANVAS account for information. The 1st Aid CPR training will be on Tuesday, July 7 from 8:00 a.m. to 5:00 p.m. in DTV 232.  
Hybrid class; partially online.

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

2618 A 1 M 11:00a.m.-12:50p.m. DTV 232 JOHNSON B  
Class meets on Mondays, July 6, 12, 20, 27, and August 8.

## History

**HIST & 128 WORLD CIVILIZATIONS III:DIV**

▼ 1883 DE 5 ARR ARR SHAH C  
Online class.

**HIST & 136 US HISTORY 1**

▼ 1884 DE 5 ARR ARR VAUGHN C  
Online class.

**Humanities**

**HUM 104 ETHICS AND CULTURAL VALUES:DIV** H,D  
 ▼ 1885 DE 5 ARR ARR LEACH M  
 Online class.

**HUM & 117 HUMANITIES II**  
 ▼ 1887 DE 5 ARR ARR LEACH M  
 Online class.

**HUM 210 MYTH AND RITES:DIV** H,D  
 ▼ 1886 DE 5 ARR ARR 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**  
 3000 A 4 MW 1:00p.m.-4:15p.m. VOC 116 DERKACHT D

**Machine Trades**

There is a fee of \$25.00 for all MASP classes.

**MASP 107 MACHINING/RELATED OCCUPATIONS**  
 3004 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.  
 ☐ Uses Alternative Educational Resources.

**MASP 111 MACHINE SHOP I**  
 3006 A 1-10 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.  
 ☐ Uses Alternative Educational Resources.

**MASP 112 MACHINE SHOP II**  
 3010 A 1-10 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.  
 ☐ Uses Alternative Educational Resources.

**MASP 113 MACHINE SHOP III**  
 3014 A 1-10 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.  
 ☐ Uses Alternative Educational Resources.

**Manufacturing**

**MFG 100 FOUNDATION SKILLS TRADES**  
 3019 A 3 MT 3:00p.m.-4:45p.m. VOC 111 SHEPHERD N  
 ☐ Uses Alternative Educational Resources.

**MFG 105 INDUSTRIAL SAFETY**  
 ▼ 3020 A 3 WTh 3:00p.m.-4:45p.m. HSB 107 MACK B

**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, 087/097, 098/099, 141, 142, 146, 148, 152, and 153 provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyMathLab via Canvas.

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**

▼ 2660 and 2667 A MTWTh 12:30p.m.-3:00p.m. HSB 106 GRIBSKON D  
 ▼ 2661 and 2668 DE ARR ARR ARR BABBICK L  
 Online class.

▼ 2662 and 2669 P MTWTh ARR MAN 127 BABBICK L

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

▼ 2705 and 2706 A MTWTh 9:00a.m.-10:25a.m. MAN 145 BABBICK/ BREWSTER

▼ 2711 and 2721 DE ARR ARR ARR BABBICK L  
 Online class.

▼ 2716 and 2726 P MTWTh ARR MAN 127 BABBICK L

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

▼ 2727 and 2743 A MTWTh 10:30a.m.-11:55a.m. MAN 145 BABBICK/ BREWSTER

▼ 2736 and 2748 DE ARR ARR ARR BABBICK L  
 Online class.

▼ 2741 and 2753 P MTWTh ARR MAN 127 BABBICK L

**Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change**

# 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).

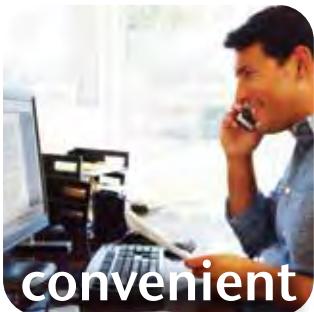


## Popular LCC Summer Classes for University Students

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

# 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 2020

ART& 100 Art Appreciation:DIV  
BIOL& 160 General Biology w/lab  
BIOL& 241 Human A & P 1 w/lab  
BIOL& 242 Human A & P 2 w/lab  
BIOL& 260 Microbiology w/lab  
BTEC 131 Intro to Spreadsheets  
BTEC 148 Intro to Outlook  
BTEC 181 Medical Terminology I  
BTEC 182 Medical Terminology II  
BUS 100 Foundations Business Success  
BUS& 101 Intro to Business  
BUS 144 Management of Human Relations:DIV  
BUS 150 Customer Service/Management  
CHEM& 110 Chemical Concepts w/lab  
CMST& 210 Interpersonal Communication  
CMST& 220 Intro to Public Speaking  
CMST& 230 Small Group Communication  
COLL 074 Math Success  
CS 110 Microcomputer Applications  
ECED& 100 Child Care Basics  
ECED& 105 Intro Early Child Ed  
ECON 105 Intro to Economics  
ECON& 201 Micro Economics  
EDUC& 150 Child, Family, Community  
EDUC& 204 Inclusive Education-Birth Through 21 Focus  
ENGL 098 College Ready English I  
ENGL 099 College Ready English II  
ENGL& 101 English Composition I  
ENGL& 102 Composition II  
ENGL 270 Literature for Children

HIST& 128 World Civilizations III:DIV  
HIST& 136 US History 1  
HUM 104 Ethics and Cultural Values:DIV  
HUM& 117 Humanities II  
HUM 210 Myth and Rites:DIV  
MATH 078/079 Pre-College Math I  
MATH 088/089 Pre-College Math II  
MATH 098/099 Pre-College Math III  
MATH& 107 Math in Society  
MATH& 146 Intro to Statistics  
MEDA 205 Certification Review for Medical Assisting  
MUSC& 105 Music Appreciation  
MUSC 119 American Music:DIV  
NUTR& 101 Nutrition  
NUTR 298 Special Topics in Nutrition  
OCEA& 101 Intro to Oceanography  
PHED 152 Personalized Fitness  
PHED 252 Personalized Fitness  
POL& 202 American Government  
PSYC& 100 General Psychology  
PSYC& 200 Lifespan Psychology  
SOC& 101 Intro to Sociology:DIV  
\*SPAN& 121 Spanish I:DIV  
\*SPAN& 122 Spanish II:DIV  
\*SPAN& 123 Spanish III:DIV  
\*SPAN& 221 Spanish IV  
\*SPAN& 222 Spanish V  
\*SPAN& 223 Spanish VI

### 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.

\*These courses do not use Canvas

## Course # Course Name

▼ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**College-Level Math****MATH 106 INDUSTRIAL MATHEMATICS**

▼ 2758 A 5 MTWTh 1:30p.m.-2:55p.m. MAN 204 DRUMM W  
Start Date: 07/06/20 End Date: 08/27/20

**MATH & 107 MATH IN SOCIETY**

▼ 2776 DE 5 ARR ARR BREWSTER H  
Prerequisite: MATH 098/TECH 098 or MATH 099/TECH 099 or MATH 087/097 with a grade of C or better. © Uses Alternative Educational Resources.  
Online class.  
Start Date: 07/06/20 End Date: 08/20/20

**MATH & 141 PRECALCULUS I**

▼ 2777 A 5 MTWTh 8:00a.m.-9:40a.m. PSC 102 HEBERT M  
Start Date: 07/06/20 End Date: 08/20/20

**MATH & 142 PRECALCULUS II**

▼ 2778 A 5 MTWTh 12:00p.m.-1:40p.m. MAN 203 MALOZZI J  
Start Date: 07/06/20 End Date: 08/20/20

**MATH & 146 INTRODUCTION TO STATISTICS**

▼ 2779 A 5 MTWTh 10:00a.m.-11:40a.m. HSB 104 HEBERT M  
Start Date: 07/06/20 End Date: 08/20/20

**MATH & 153 CALCULUS III**

▼ 2781 A 5 MTWTh 10:00a.m.-11:40a.m. MAN 203 MALOZZI J  
Online homework and electronic textbook provided by Pearson Education.  
Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com  
Online class.  
Start Date: 07/06/20 End Date: 08/27/20

**Medical Assisting****MEDA 190 MEDICAL ASSISTING TO PRECEPTORSHIP**

▼ 1888 A 6 ARR ARR ENGEL E  
Lab Fee: \$17.50

**MEDA 195 MEDICAL ASSISTING SEMINAR**

▼ 1889 A 1 T 3:30p.m.-4:40p.m. HSB 244 ENGEL E  
Hybrid class; partially online.

**MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTING**

▼ 1890 DE 2 ARR ARR SOLADEY V  
Online class.

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

YouPrep reviews whole numbers, integers, decimals, fractions, linear equations and graphs, systems of equations, factoring, quadratics, radicals, and rationals. YouPrep users who achieve at least 3 hours of online practice will receive a 3rd retest!

Sign up for an account today at [lowercolumbia.edu/YouPrep](http://lowercolumbia.edu/YouPrep)  
or call 360.442.2353

**Music****MUSC & 105 MUSIC APPRECIATION**

▼ 2890 DE 5 ARR ARR HARBAUGH K  
Online class.

**MUSC 119 AMERICAN MUSIC:DIV**

▼ 2864 DE 5 ARR ARR HARBAUGH K  
Online class.

**MUSC 131 BEGINNING GUITAR**

▼ 2877 A 2 T 2:00p.m.-4:20p.m. RCA 102 HARBAUGH K  
Guitars are provided for student use. Students will be allowed to take guitars home for practice. © Uses Alternative Educational Resources.

**MUSC 132 INTERMEDIATE GUITAR**

▼ 2883 A 2 T 2:00p.m.-4:20p.m. RCA 102 HARBAUGH K  
Guitars are provided for student use. Students will be allowed to take guitars home for practice. © Uses Alternative Educational Resources.

**MUSC 133 ADVANCED GUITAR**

▼ 2887 A 2 T 2:00p.m.-4:20p.m. RCA 102 HARBAUGH K  
Guitars are provided for student use. Students will be allowed to take guitars home for practice. © Uses Alternative Educational Resources.

**Nursing**

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

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

**Nursing Assistant (NURS 090)** is an 8-credit course that provides students the content and experience to give basic nursing care to patients under the supervision of a licensed nurse. Contact Leszek Cromwell at 360.442.2425 or Jill Yates at 360.442.2584 for course information and to register.

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

**NURS 90 NURSING ASSISTANT**

▼ 1891 A 8 ARR ARR HSB 249 BOULTINGHOUS  
Students must also register for one of the NURS 090 labs below.  
Lab Fee: \$52.60

**NURS 090 NURSING ASSISTANT—LAB**

▼ 1893 LA 0 ARR ARR HSB 246 BOULTINGHOUS  
Instructor permission required to enroll.

▼ 1894 LB 0 ARR ARR HSB 246 STAFF  
Instructor permission required to enroll.

**Course # Course Name**

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

**Nutrition****NUTR& 101 NUTRITION**

▼ 2784 A 5 TTh 1:00p.m.-2:20p.m. HSB 105 MC CORMICK C  
Hybrid class; partially online. (C) Uses Alternative Educational Resources.

▼ 2785 DE 5 ARR ARR ROSS E  
Online class. (C) Uses Alternative Educational Resources.

▼ 2786 DE1 5 ARR ARR ROSS E  
Online class. (C) Uses Alternative Educational Resources.

▼ 2787 DE2 5 ARR ARR ROSS E  
Online class. (C) Uses Alternative Educational Resources.

**NUTR 298 SPECIAL TOPICS IN NUTRITION**

▼ 2783 DE1 1-2 ARR ARR KOOIMAN J  
Online class. (C) Uses Alternative Educational Resources.

**Oceanography****OCEA& 101 INTRODUCTION TO OCEANOGRAPHY**

▼ 2788 DE 5 ARR ARR KHANDRO L  
Online class.  
Lab Fee: \$12.30

**Physical Education**

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

**PHED 105 BEGINNING PILATES & YOGA**

2789 A 1 TTh 9:00a.m.-10:10a.m. GYM 210 SKERBECK C A

**PHED 120 CROSS TRAINING**

▼ 2791 A 2 MW 9:00a.m.-10:05a.m. GYM 113 MYERS L A  
Hybrid class; partially online.

**PHED 128 WEIGHT TRAINING**

▼ 2795 A 1-2 MW 9:00a.m.-10:05a.m. GYM 113 MYERS L A  
Hybrid class; partially online.

**PHED 152 PERSONALIZED FITNESS**

▼ 2797 DE 1-2 ARR ARR ROSS E A  
Students must log into Canvas for class instructions and syllabus.  
Online class.

**PHED 205 INTERMEDIATE PILATES & YOGA**

2790 A 1 TTh 9:00a.m.-10:10a.m. GYM 210 SKERBECK C A

**PHED 220 CROSS TRAINING**

▼ 2792 A 2 MW 9:00a.m.-10:05a.m. GYM 113 MYERS L A  
Hybrid class; partially online.

**PHED 228 WEIGHT TRAINING**

▼ 2796 A 1-2 MW 9:00a.m.-10:05a.m. GYM 113 MYERS L A  
Hybrid class; partially online.

**PHED 252 PERSONALIZED FITNESS**

▼ 2799 DE 1-2 ARR ARR ROSS E A  
Students must log into Canvas for class instructions and syllabus.  
Online class.

**Physical Science****PHSC 109 ENERGY AND MATTER**

NSL

▼ 2802 A 5 TTh 11:30a.m.-3:00p.m. HSB 135 CARPENTER B  
Lab Fee: \$15.00

**Political Science****POLS& 202 AMERICAN GOVERNMENT**

SS

▼ 2820 DE 5 ARR ARR MOSSER J  
Online class. (C) Uses Alternative Educational Resources.

**Psychology****PSYC& 100 GENERAL PSYCHOLOGY**

SS

▼ 2821 A 5 M 8:30a.m.-12:00p.m. MAN 235 WEAVER N  
Hybrid class; partially online. (C) Uses Alternative Educational Resources.

2822 B 5 MW 12:00p.m.-3:05p.m. MAN 235 RICHIE G

▼ 2823 DE1 5 ARR ARR TUCKER J  
Online class.

▼ 2824 DE2 5 ARR ARR TUCKER J  
Online class.

**PSYC& 200 LIFESPAN PSYCHOLOGY**

▼ 2825 A 5 MW 8:30a.m.-11:35a.m. MAN 206 RICHIE G

▼ 2826 DE1 5 ARR ARR RICHIE G  
Online class.

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

D,SS

▼ 2827 A 5 T 8:30a.m.-12:00p.m. MAN 235 WEAVER N  
Hybrid class; partially online. (C) Uses Alternative Educational Resources.

▼ 2828 DE1 5 ARR ARR TATE J  
Online class.

**ART GALLERY****Art Action!**

Creative Exploration in  
Drama & Computer Arts

June 22-25

Four-day camp for 12-15 year-olds.  
Register through Continuing Education.

**Fran Holt**

August 10 - September 2

Reception: August 6, 4:30-6:30 p.m.



Gallery Summer Hours:  
Mon-Wed, 10 a.m.-4 p.m.  
[lowercolumbia.edu/gallery](http://lowercolumbia.edu/gallery)

## Course # Course Name

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

## 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.

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

**SPAN& 121 SPANISH I:DIV**

2803 A 5 MTWTh 9:00a.m.-10:25a.m. AAR 104 D,H  
2804 DE 5 ARR ARR EMERSON A

**SPAN& 122 SPANISH II:DIV**

2805 DE 5 ARR ARR D,H  
EMERSON A

**SPAN& 123 SPANISH III:DIV**

2806 DE 5 ARR ARR D,H  
EMERSON A

**SPAN& 221 SPANISH IV**

2807 DE 5 ARR ARR H  
EMERSON A

**SPAN& 222 SPANISH V**

2808 DE 5 ARR ARR H  
EMERSON A

**SPAN& 223 SPANISH VI**

2809 DE 5 ARR ARR H  
EMERSON A

## Welding Technology

There is a fee of \$85.00 for all WELD classes.

**WELD 060 WABO EXAM PREPARATION**

3023 MM1-6 ARR ARR VOC 161 PITTSELY D

**WELD 105 RELATED WELDING**

Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3052 A 1-6 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3074 B 1-6 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**WELD 125 OFW-A OXY/ACETYLENE RG45**

Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3083 A 1-6 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3092 B 1-6 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**WELD 131 SMAW STICK WELD W/E7018**

Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3099 A 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3108 B 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**WELD 132 SMAW STICK WELD W/E6010**

Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3123 A 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3127 B 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**WELD 133 ADVANCED SMAW STICK - WABO**

Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3130 A 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3133 B 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**WELD 241 FCAW-G D/S WIRE W/E71T-1**

Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3188 A 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3144 B 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**WELD 242 ADVANCED FCAW-G WIRE - WABO**

Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3148 A 1-6 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3152 B 1-6 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**WELD 255 GTAW TIG WELD W/ER702-6**

Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. (X) Course is clustered with other class sections that meet at the same time, in the same classroom.

▼ 3155 A 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 PITTSELY D

▼ 3157 B 1-10 MTWTh 7:30a.m.-12:20p.m. VOC 161 MILLER R

**RIDE FREE**  
with LCC Student ID!

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



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

## ABE English

<b>ABE 063 INTEGRATED A-B (HEALTH/PE)</b>				
7 M-Th 9:00a.m.-11:00a.m.	VOC 156A	Yarbrough-Hall S		
<b>ABE 091 ENGLISH C-E (ENGLISH, US HISTORY, GOVERNMENT, FINE ARTS)</b>				
5 M-Th 9:00a.m.-10:25a.m.	VOC 156	Graham C		
<b>ABE 091 INTEGRATED C-E (ENGLISH, CWH) HYBRID</b>				
▽ 5 MW 9:00a.m.-9:50a.m.	VOC 153	Bent S		
<b>ABE 091 INTEGRATED C-E (ENGLISH, GOVERNMENT) HYBRID</b>				
▽ 5 TTh 10:00a.m.-10:50a.m.	AAR 101	Bent S		
<b>ABE 091 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 ENGLISH C-E (ENGLISH, SCIENCE, LAB SCIENCE) HYBRID</b>				
▽ 5 T 1:00p.m.-1:50p.m.	VOC 156A	Watts M		
<b>ABE 091 ENGLISH A-E (ENGLISH, US HISTORY, GOVERNMENT)</b>				
5 M-Th 1:00p.m.-2:25p.m.	VOC 156	Sharp J		
<b>ABE 091 ENGLISH B-C TECHNOLOGY FOR COLLEGE AND CAREER (OCCUPATIONAL) HYBRID</b>				
▽ 5 TWTh 1:00p.m.-2:20p.m.	VOC 153	Bent S		
<b>ABE 091 ENGLISH C-E (ENGLISH, WA STATE HISTORY) HYBRID</b>				
▽ 5 TTh 2:00p.m.-2:50p.m.	AAR 101	Graham C		
<b>ABE 091 ENGLISH C-E (ENGLISH, SCIENCE, LAB SCIENCE, CWH)</b>				
5 M-Th 2:30p.m.-3:55p.m.	VOC 156	McShane H		
<b>ABE 081 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 ENGLISH C-E (ENGLISH, US HISTORY, GOVERNMENT, FINE ARTS)</b>				
7 M-Th 7:00p.m.-9:00p.m.	VOC 154	Harlan K		

## ABE Integrated

<b>ABE 093 INTEGRATED C-E (ENGLISH, MATH, GED) HYBRID</b>				
▽ 5 M-Th 5:00p.m.-5:50p.m.	AAR 101	Schultz L		
<b>ABE 093 ENGLISH 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		

**ABE 093 INTEGRATED C-E (PORTFOLIO) HYBRID**

▽ 5.2 TW 6:00p.m.-9:00p.m. T Woodland LRA Bent S

W VOC 156A

**Classes are \$25 per quarter and students may enroll at any time.**

**For more information call 360.442.2580.**

## ABE Math

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

## English as a Second Language

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

**Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change**

# 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 eleven high demand career fields.

## Automotive Technology – NEW!

The Automotive Technology program provides a strong combination of classroom theory and hands-on practice in all areas of automotive repair, with courses based on competencies established by the National Automotive Technician Education Foundation (NATEF). The LCC Automotive Technology program is certified by NATEF, a branch of the National Institute for Automotive Service Excellence (ASE).

**AMTC 100** Essentials of Mechanics

**AMTC 105** Vehicle Climate Control

## 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

## Business Technology

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

**BUS 100** Foundations Business Success

**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. Credits can be applied toward the AAS in Early Childhood Education and the new Bachelor of Applied Science in Teacher Education (BAS-TE).

**ECED 105** Introduction to Early Childcare Education

**EDUC 150** Child, Family, Community

## Health Occupations/Nursing Assistant

LCC's Nursing Assistant program provides the content and experience to prepare students to take the State of Washington Nursing Assistant certification exam.

**NURS 090** Nursing Assistant

## Machine Trades/Multicraft Trades

**ENGL 110** Industrial Communications

**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** Microcomputer Applications

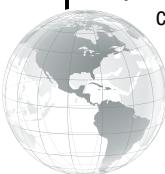
Program Specialist Jill Yates will help each

student register for the classes they need:

360.442.2584 or [jyates@lowercolumbia.edu](mailto:jyates@lowercolumbia.edu)

## 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)



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

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



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

# Corporate & Continuing Education

**Corporate and Continuing Education supports the college's mission by providing opportunities for individuals, businesses, and organizations to pursue their personal, professional, and corporate training goals. Please reach out to us and let us know how we can assist you.**

## Business & Professional Development

### Fundamentals of Supervision and Management- ONLINE

Become a more effective manager by learning the language of business management. This course provides skills in managing time, delegating responsibility, motivating your employees, solving problems and resolving conflicts so you can accomplish your job more effectively. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$115

### Small Business Entrepreneur Certification-ONLINE

The Small Business Development Center and LCC 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 available by emailing [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu), calling 360.442.2602 or visiting [www.campusce.net/lcc](http://www.campusce.net/lcc).

## Workforce Training

### Flagger Certification

Learn professional flagger techniques and proper work zone set-up. Rich Bunker, Master Instructor, for American Traffic Safety Services Association (ATSSA). Contact Mary Harris for more information at [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu) or call 360.442.2602.

### 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, professional boundaries, stress management, chain of command, and professionalism as it relates to the licensed practical nurse role and scope. 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

CLCG 050 A 3695 Online

**Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change**

### HIV/AIDS Education for Health Care Providers

LCC offers 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 text in the College Bookstore, and check out the DVDs in the LCC College Library. Contact Mary Harris, [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu) or 360.442.2602, for additional information.

4 hour HIV/AIDS Certification, register for:

SFTY 046 3808 \$45.00

7 hour HIV/AIDS Certification, register for:

SFTY 045 3809 \$70.00

## Kids College 2020

### LEARN AND HAVE FUN IN OUR SUMMER YOUTH PROGRAM!!

#### LCC Art Action-NEW!

##### *Creative Exploration in Drama and Computer Arts*

Explore drama and computer arts in this four day camp for **12-15 year-olds!** You'll spend a half-day in each class. In Computer Arts with Jennie Mynhier, you will explore storytelling and computer animation using Adobe Photoshop and Adobe AfterEffects to create a short motion graphics video. In Drama class with Betsy Richard, you will work actively in an ensemble experimenting with theater techniques developing your vocal and physical expression through cooperative games and activities to create an original theatre piece. The week culminates with a Thursday performance for family and friends in Center Stage Theater to showcase what you've learned. **Scholarships available based on need. Lunch included.** Meet in the Rose Center Art Gallery. \$179

CLCE 025 A	MTW	6/22-6/24	9 a.m.-4 p.m.
	Th	6/25	9 a.m.-8 p.m.



#### Summer STEAM Camp-NEW!

STEAM Camp, for ages 8-10, focusing on physical science topics. Visit [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce) and click on the shopping cart to learn more or call our office at 360.442.2600.

CLCE 024 A MTWTh 8/10-8/13 8:30 a.m.-3:30 p.m.

# Create a Beautiful Summer!

Explore your creative side this summer!

## Digital Photography for Beginners-NEW

Want to get the most out of your digital SLR? Enroll now and learn how to capture light and time the digital way. Students will learn to manually control shutter speed, aperture, and ISO, learn basic digital editing using **Adobe Lightroom** and make beautiful prints on an Epson 4900 printer. MAN 125 (Castle) \$79 plus \$10 lab fee.

CLCE 012 A      W      8/12-9/2      5:30-7:30 p.m.

## Ceramics for Fun 2

This short term series provides an opportunity for anyone with some prior experience in ceramics to learn and experiment with new techniques. The class will focus on developing individual's skill sets and special interests. It will finish with a RAKU firing and potluck. MAN 104 (Wallace) \$89 plus \$10 studio fee for firings and glazes.

CLCE 017 A      T      7/14-8/11      1-4 p.m.  
CLCE 017 B      T      7/14-8/11      6-9 p.m.

## Metal Art 2

Prerequisite: at least one quarter of Metal Art. Spend the first hour of class in the computer lab where the instructor will teach the designing software to cut art work on the CNC Plasma Cutter. Students already familiar with the program can work on their own designs, and students new to the software will work on a project where they will learn the software so they can create designs of their own. In the second hour, students will work on their own in the welding shop, and the instructor will assist in cutting completed designs on the CNC. Bring a jump drive to class to save your work. LCC Welding Shop (Pittsley) \$115

CLCE 013 A      M      7/6-8/31      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

CLCE 018 A      M      7/6-8/31      5-7 p.m.

## Painting Techniques

Gain control of the art of painting. We will take painting from palette layout to finished works through the investigation of tools, material handling, color mixing, and traditional techniques. 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      W      7/8-9/2      5-8 p.m.

## 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      Th      7/9-9/3      5-7 p.m.



## Food Preservation

### How to Stop Wasting Food, Save Money and Preserve Food Resources

Does food go to waste in your refrigerator? 30-40 % of food goes to waste in the U.S.! In just minutes you can save more of the food you buy, preserve it, and eat it later. Learn different preservation methods for food including freezing, dehydrating, pickling and fermenting, and how to use these foods. You'll save money, reduce waste and have delicious food to eat at another time! Quickly and easily, make some of your favorite gourmet treats, preserve them, know how to package and store them. Make-ahead meals can save you time and effort. Emergency foods... just in case. Instructor will demonstrate and provide recipes. DTV 201 (Grumbles) \$59 No class 8/17

CLCE 027 A      M      8/3-8/24      6-8 p.m.

## Health & Wellness

Continuing Education now offers Punch cards for NIA, Fusion Fitness, Yogilates, Mat Pilates, and Zumba. Punch cards are \$50 for 5 visits. Visit our website and click on the shopping cart to purchase or call our registration desk at 360.442.2600.

### 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 6/22 & 6/25)

CLCE 015 A                    MTh            6/15-7/23            7-7:50 a.m.

#### Session Two (No class 8/24 & 8/27)

CLCE 015 B                    MTh            7/27-9/3            7-7:50 a.m.

### Yogilates

Yogilates is a mix of Pilates, which focuses on core strength, and Yoga which focuses on strength and flexibility. This is a total mind/ body workout designed to strengthen major and minor muscle groups. Exercises are performed on mats using a variety of small "props". Exercises are performed on the floor, so students must be able to get up and down under their own power. All Levels welcome. Participants need to bring their own mats. GYM 210 (Skerbeck) \$65

#### Session One

CLCE 032 A                    TTh            6/30-7/30            10:30-11:15 a.m.

#### Session Two

CLCE 032 B                    TTh            8/4-9/3            10:30-11:15 a.m.

### 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 1/4" exercise mat to class. GYM 210 (Pooler) \$65

#### Session One

CLCE 034 A                    MW            6/15-7/15            5:30-6:30 p.m.

#### Session Two

CLCE 034 B                    MW            7/20-8/19            5:30-6:30 p.m.



## About Corporate & Continuing Education

For the latest information about Corporate & Continuing Education, visit [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce).

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

- Sign up online at [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce). Click on the shopping cart.
- OR call 360.442.2600 to sign up over the phone with Visa or MasterCard. If we are away from the phone, leave your name and phone number and we'll call you back.
- OR fill out the form at the back of this schedule and mail with a check, money order, or credit card information.

### Questions? Call us

**360.442.2600**

### Refund Policy:

Written notice must be received 3 business days prior to the course start date to receive a refund. Refunds are issued automatically if a course is closed or cancelled.

### Online Learning:

#### Ed2go:

Visit [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) or email [mharris@lowercolumbia](mailto:mharris@lowercolumbia) for more information.

#### Ed2go Online Career Training:

[careertraining.ed2go.com/lccbic](http://careertraining.ed2go.com/lccbic) or email [mharris@lowercolumbia](mailto:mharris@lowercolumbia) for more information

***Are you passionate about a subject and would love to share with others? Call Mary Harris at 360.442.2602 for more information!***

## Computers & Technology

### Microsoft Office Value Suite-Online!

Learn to use the basic features of Word, Excel, and PowerPoint. \$324. More Microsoft software training available. Register 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

### Computer Skills for the Workplace-Online!

This course is designed to provide the fundamental computer competencies you need to survive and prosper in today's fast-changing workplace. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$115

**Visit our online learning website for a list of over 300 instructor facilitated online courses at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic)**



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

**Year 2020**  
Winter Spring  
**Summer** Fall

# Sign up now! Corporate and Continuing Education

## Register Online

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

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

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

**E-mail Address** **Home Phone** **Work Phone** **Cell Phone**

## ENROLLMENT INFORMATION

## **Have you ever attended classes at LCC?**

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

### How did you hear about this class?

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

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

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

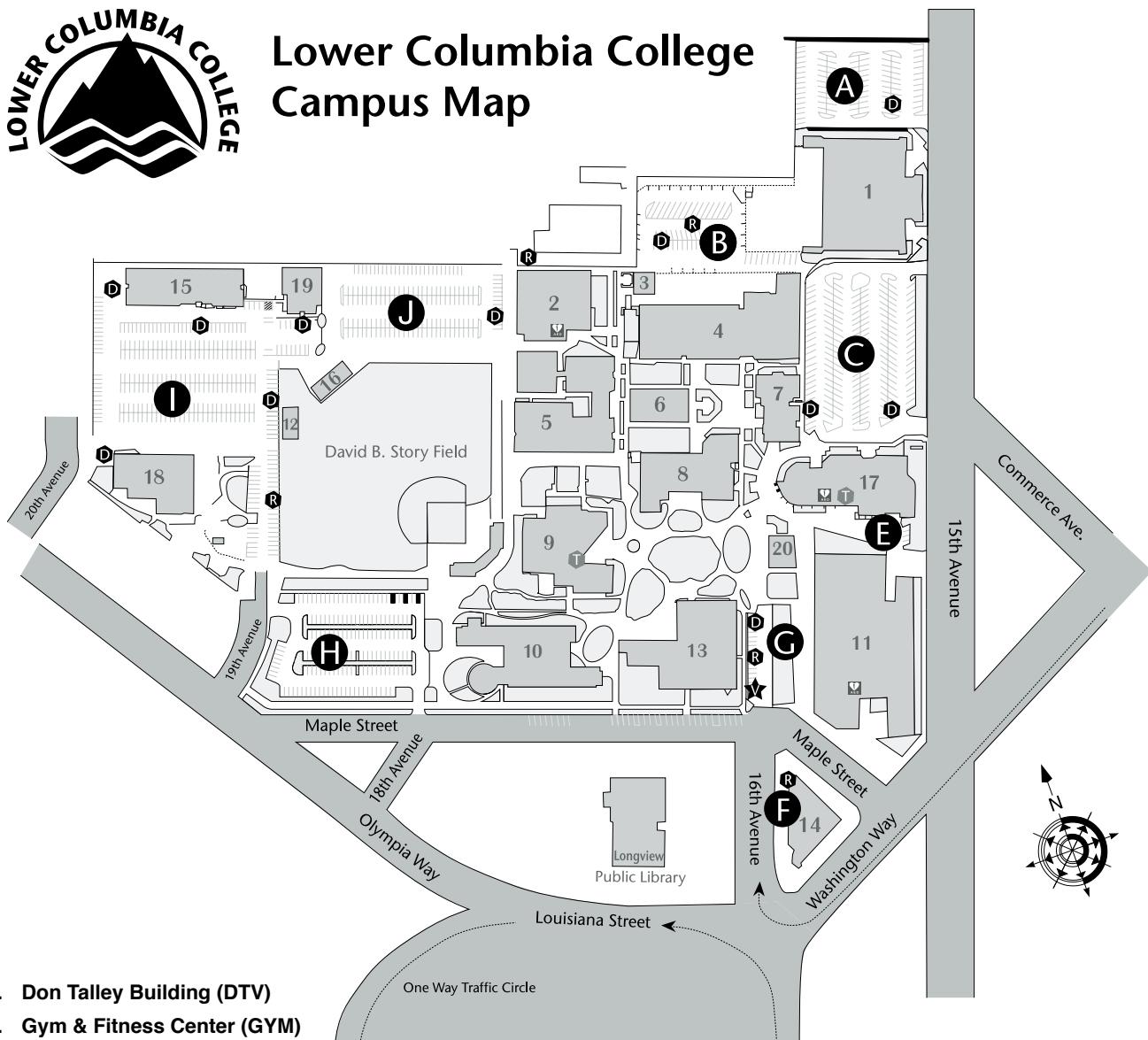
Class enrollment is first-come, first-served. Register early to secure your place in your preferred courses

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



# Lower Columbia College Campus Map

## CAMPUS MAP



1. Don Tally Building (DTV)
2. Gym & Fitness Center (GYM)
3. Steam Plant (SPL)
4. Vocational Building (VOC)
5. Applied Arts Building (AAR)
6. Science Building (SCI)
7. Physical Science Center (PSC)
8. Admissions Center (ADC)
  - Career Services
  - Cashiers
  - Disability Support Services
  - Financial Aid
  - Registration
  - Student IDs
  - 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
  - Security Office
  - Student Activities Office
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
- T** Telephones
- ★** Visitors
- V** External Defibrillator (AED)

**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 13 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 12 for a list of the most popular classes for university students.

**Summer classes start  
on Monday, July 6**

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)

