



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

SUMMER 2017 CLASS SCHEDULE



SUMMER CLASSES BEGIN JULY 5

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## LCC Office Hours

### Summer Office Hours

**Closed Fridays, June 23 – September 1**

**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 12:30-1:30 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.*

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## Equal Opportunity, Affirmative Action, and Reasonable Accommodation

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

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

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

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

### About This Schedule:

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

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



## Attention LCC Alumni

The LCC Foundation is excited to announce the year of “homecoming” for LCC Alumni! It is with great anticipation that we invite you to make a fresh connection to Lower Columbia College by signing up to become a member of LCC’s Alumni Association.

Through the Alumni Association, we hope to create more meaningful connections between our alumni and the college. Whether you earned a degree or certificate in your chosen field or completed just one quarter, we consider you part of the LCC alumni family and we celebrate you!

If the last time you were on campus was at your graduation or you’ve felt out of touch with your alma mater... now is the time come home! Discover what’s new at LCC.

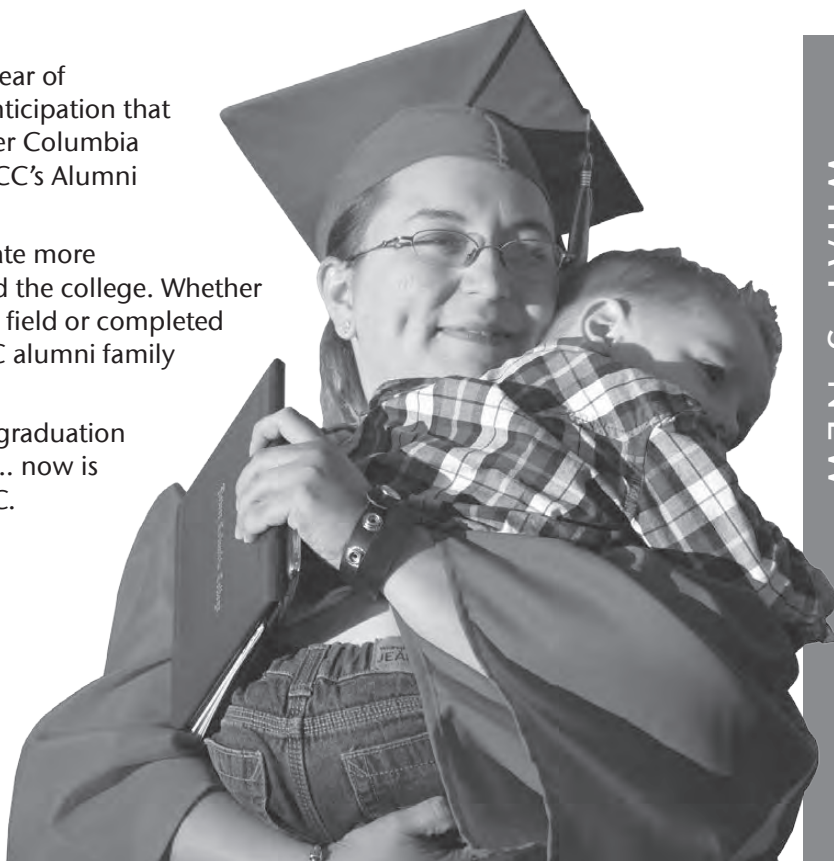
What are you waiting for? Learn more about the Alumni Association and how to sign up at [lowercolumbia.edu/alumni](http://lowercolumbia.edu/alumni) or contact Serina Graham at 360.442.2134.

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*I love Lower Columbia College. This school cares about students succeeding! I am proud and truly blessed to have attended this college!*

LCC Alumni

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WHAT'S NEW



## LCC Alumni Day at Story Field

**Saturday, May 13,  
1:00 p.m.**

Get connected to the LCC Alumni Association while cheering the Red Devils baseball team to victory against the Tacoma Titans.

- The first 50 LCC alumni through the gate will receive a free t-shirt
- Raffle prizes given away during the game
- Alumni Social on the Party Deck
- Free Admission for LCC Alumni

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



# HOW TO REGISTER

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

## New Students

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

- 1. Apply for admission**  
Online or in person at the Registration Office.
- 2. Apply for financial aid, if needed.**  
Go to [lowercolumbia.edu/finaid](http://lowercolumbia.edu/finaid) for instructions and forms. More information on page 7.
- 3. Determine your program**  
Visit the Career Center to take an interest assessment, explore careers, and access career resources. The results will help you choose a program leading to a career that is right for you. At the Center, or from your own computer, print out a copy of the program planner(s) for the program(s) of study that interest you. Go to [lowercolumbia.edu/programs](http://lowercolumbia.edu/programs).
- 4. Practice and take a placement test**  
Students who plan to earn a degree or certificate from Lower Columbia College, or who plan to transfer to a four-year institution, can use multiple measures for the purpose of determining English and Math placement. Placement options include, but are not limited to, Directed Self-Placement, Smarter Balanced scores, High School transcripts, and previous college course work. Placement assessments are offered in the Admissions Center testing lab, open 10 a.m.- 5 p.m. Mon–Thurs. More information is available at [lowercolumbia.edu/placement](http://lowercolumbia.edu/placement).
- 5. Attend New Student Orientation & Register**  
Sign up at the Admission Center Testing Lab to attend a New Student Orientation. Prepare by previewing the online class schedule, and bring your placement testing scores and program planner(s) for any areas of study that interest you. We also recommend that you map out a schedule of when you are available for classes and studying.
- 6. Pay your tuition and fees** Tuition is due the Tuesday before classes begin. You may pay online with a credit or debit card or in person at the Cashier in the Admissions Center. If you need more time to pay, see Delayed Tuition Payment options on page 7.

### Not planning a degree or certificate?

**Non-credit classes:** Continuing Education class listings and registration information begin on page 23.

## Class Full? Get on the Waitlist!

Students may be added to the waitlist through the end of the day, Friday June 23. If openings occur through the third day of the quarter (July 7), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

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

## Current Students

Registration for current students is now open.

- 1. Find out your earliest registration date/time** online at [lowercolumbia.edu](http://lowercolumbia.edu). Student ID Number and Global PIN required.
- 2. Meet with your program advisor** to plan your class schedule and get your Quarterly Registration PIN. If you have not received an email listing your program advisor, contact the Entry Center.
- 3. Register** online or in person at Registration. Students taking more than 18 credits must register in person.
- 4. Pay your tuition and fees** by the deadline listed on the Academic Calendar online. You may pay online with a credit or debit card or in person at the Cashier. See Delayed Tuition Payment options on page 7.

### Which PIN Do You Need?

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

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

## Summer Dates and Deadlines

Open registration for Summer begins.....	May 1
Priority application deadline for Summer financial aid ....	May 24
Summer application for admission deadline .....	May 22
Last day for Summer Administrative Hold .....	June 14
Summer office hours begin .....	June 23
Last day to be added to a Waitlist.....	June 23
Summer tuition due date.....	June 27
Independence Day holiday .....	July 4
First day of classes .....	July 5
Last day of online registration .....	July 10
Last day to apply for Summer graduation .....	July 10
Last day for 100% tuition refund.....	July 12
Last day for 50% tuition refund.....	July 20
Last day to withdraw from classes.....	August 24
Last day of Summer classes.....	August 24
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/registration](http://lowercolumbia.edu/registration) to access the following steps

## 1. Check Your Registration Date and Time

Choose registration date/time. Log in with your Student ID Number and Global PIN. Schedule an appointment and meet with your Program Advisor 1-2 weeks before you register to select your classes and receive your Quarterly Registration PIN.

## 2. To Register Online

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

Select Register Online. Follow the instructions and complete your schedule. Don't forget to print your schedule before you leave. If you attempt to register for two classes that meet at the same time or overlap, the computer will block your registration.

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

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

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

Tuition is due the Tuesday before classes begin.

## 4. Add or Drop Classes

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

## ONLINE REGISTRATION WORKSHEET

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

### Alternate Classes


### When can't I use Online Registration?

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

### Online Registration is available

May 1 - July 6

### Entry Codes

An Entry Code is a five digit random number issued to students by the instructor of the class as authorization to register for classes requiring "Instructor Permission." Once you have used an entry code, the registration computer will not accept it again.



### Use Online Services

Here are some of the things you can do online:

- Pay your tuition and fees
- Set up a payment plan
- Check tax credit information
- Change your Global PIN
- Print your class schedule
- Print out an unofficial transcript
- Check waitlist status

## TUITION & FEES

### Resident Students (Column A)

Washington resident students must verify that they have lived in Washington for one year and have established residency in the State of Washington, including US Citizenship, permanent resident status, hold an A, E, G, H, I, K or L visa or have “refugee/asylum” status. If your residency cannot be determined at the time of admission, your tuition and fees will be calculated at the non-resident tuition and fee rate. Ask about residency at the Registration Office, 360.442.2370. Complete residency rules are detailed in RCW 28B.15.012.

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

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

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

### Oregon Border County Residents (Column B)

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

### US Citizens & INS Permanent Residents (Column C)

Individuals who have lived in the State of Washington for 90 days or more and who are US Citizens or Permanent Residents, as defined by the INS, may pay this rate.

### Other US Citizens and Foreign Students (Column D)

Those who are not eligible to pay the “Resident Students,” “Oregon Border County Residents,” or “US Citizens and INS Permanent Residents” rates, above, pay this rate. (See Column D.)

### Veterans (Column E)

Special rates are available for some Veterans. See the Veterans’ Office in the Admission Center, or call 360.442.2393 for eligibility information.

### Special Rates for Senior Citizens

If space is available after the first class meeting, Washington residents 60 or older may audit up to two classes for \$2.50 per class plus \$1.40 per credit facilities use fee, \$3.75 per credit technology fee and applicable lab fees.

2016-2017 Tuition and Fee Schedule					
(Facilities Use, Technology, Tutor Center, Fitness Center Upgrade fees included)					
# Cr.	A WA State Residents	B Oregon Border Residents	C US Citizens & INS Permanent Residents	D Foreign & US Citizens Not Meeting Req's	E Veterans
1	111.46	120.66	125.26	288.17	88.47
2	222.92	241.32	250.52	576.34	176.94
3	334.38	361.98	375.78	864.51	265.41
4	445.84	482.64	501.04	1,152.68	353.88
5	557.30	603.30	626.30	1,440.85	442.35
6	668.76	723.96	751.56	1,729.02	530.82
7	780.22	844.62	876.82	2,017.19	619.29
8	891.68	965.28	1,002.08	2,305.36	707.76
9	1,003.14	1,085.94	1,127.34	2,593.53	796.23
10	1,114.60	1,206.60	1,252.60	2,881.70	884.70
11	1,170.61	1,267.08	1,315.31	2,944.90	929.54
12	1,226.62	1,327.56	1,378.02	3,008.10	974.38
13	1,278.88	1,384.29	1,436.98	3,067.55	1,015.47
14	1,331.14	1,441.02	1,495.94	3,127.00	1,056.56
15	1,383.40	1,497.75	1,554.90	3,186.45	1,097.65
16	1,435.66	1,554.48	1,613.86	3,245.90	1,138.74
17	1,487.92	1,611.21	1,672.82	3,305.35	1,179.83
18	1,540.18	1,667.94	1,731.78	3,364.80	1,220.92
19	1,632.51	1,769.50	1,837.96	3,633.84	1,290.17
20	1,724.84	1,871.06	1,944.14	3,902.88	1,359.42
21	1,817.17	1,972.62	2,050.32	4,171.92	1,428.67
22	1,909.50	2,074.18	2,156.50	4,440.96	1,497.92
23	2,001.83	2,175.74	2,262.68	4,710.00	1,567.17

### Miscellaneous Fees for 2016-17

- **Apprenticeship:** \$51 per credit; \$3.36 per clock hour.
- **Computer Lab:** A fee of \$25.10 per class is charged for certain classes identified in the course listing.
- **Facilities Maintenance:** The chart includes a fee of \$1.40 per credit, up to 18 credits (max. \$25.20), for facilities maintenance and College security.
- **Fitness Center Upgrade:** The chart includes a fee of \$2.50/credit, up to 10 credits (max. \$25), for fitness center upgrade.
- **Fitness Center Use Fee:** \$20 per student/per quarter.
- **GED Testing:** \$120.00 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 (\$51.46 per credit for residents and \$102.91 for non-residents). They also pay the technology fee, facilities fee, tutoring center fee, registration matriculation fee, Fitness Center usage fee and Fitness Center upgrade fee.

- **Lab:** Nonrefundable lab fees are collected for certain classes. Where applicable, this fee is shown with class listings in this schedule. Distance Education online courses require a Distance Ed fee of \$6.00/credit (max 10 credits) for each course. Distance Education Hybrid and Enhanced courses require a Distance Ed fee of \$3.00/credit (max 10 credits).
- **Matriculation Fee:** \$.50/credit, up to 10 credits (max \$5)
- **Resident Excess Credit:** Residents pay \$92.33 per credit above 18 credits.
- **Technology:** The chart includes a technology fee of \$3.75/credit, up to 12 credits (max. \$45). A photo ID card, which serves as your activities card, library card and computer lab card, is issued as part of this fee. The ID card is NOT issued quarterly; it is valid as long as you are at LCC.
- **Transcript:** \$10 fee for each official transcript.
- **Tutoring Center:** The chart includes a fee of \$.50/credit, up to 10 credits (max. \$5), to support the Tutoring Center.
- **Vocational Excess Credit:** Vocational students taking over 18 credits who meet certain requirements pay only \$7 per credit (residents); non-residents over 18 credits pay \$28.



# 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 [readysatgrad.org/wafsa](http://readysatgrad.org/wafsa) 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 [www.fafsa.gov](http://www.fafsa.gov) and complete the application.
3. Applicants should check their status at LCC's Financial Aid Portal and upload any requested documents. Do this at [lowercolumbia.edu/finaid](http://lowercolumbia.edu/finaid). The applicant will use their Social Security Number and birth date (mm/dd/yy) to log in the first time.

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

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

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

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

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

### Financial Aid Hours

Monday/Tuesday/Thursday/Friday 8 a.m. - 5 p.m.

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

Summer Hours: Closed Fridays

## Scholarships

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

Scholarships are based on varied criteria, including:

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

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

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

### Looking for your dream job?

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

### 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-options](http://lowercolumbia.edu/payment-options)

### Waiting for your Financial Aid funds?

Students who meet the priority deadline (May 24 for Summer Quarter 2017) 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 priority deadline but complete their file on or before June 14, 2017 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.

# COLLEGE & CAREER PREPARATION

Teamwork is a good approach to achieve success in sports, at work and in college. Lower Columbia College students who belong to study teams as part of a class or other organized program complete their courses and degrees more often and in less time than those who go it alone. The following programs of study are available this quarter for students who want to improve their chances of success at LCC.

## I-BEST Helps Students with a Fast Track to a 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

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

- BUS 101** Introduction to Business
- BUS 104** Business Math Applications
- BUS 144** Management of Human Relations:DIV

### Business Technology

This 4-quarter certificate program prepares graduates to work in an office setting. Credits can be applied toward two year AAS degrees.

- BTEC 148** Introduction to Outlook

### Diesel/Heavy Equipment Technology

The Diesel/Heavy Equipment Technology program prepares students for careers in any industry that utilizes trucks, excavators, bulldozers, other heavy equipment, or industrial equipment utilizing diesel power and hydraulic devices. Graduates find work with truck and heavy equipment dealers, railroads, and marine operations using tug and fishing boats. Graduates may also work in industrial maintenance, auto, and RV repair.

- DHET 100** Essentials of Mechanics
- DHET 104** Vehicle Climate Control

### 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

### Manufacturing Occupations

Learn the basic skills needed for entry-level jobs. This certificate provides a strong foundation in production, machining and welding processes providing access to many jobs in industries that use machine tools and fabrication processes to produce goods. This certificate includes courses that can be applied to more specialized degrees and certificates.

- MATH 106** Industrial Mathematics
- TECH 078** Pre-College Math I
- TECH 079** Pre-College Math I
- TECH 100** Advanced Principles of Technology

### Medical Assistant

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

- CS 110** Introduction to Microcomputer Applications
- MEDA 101** Medical Vocabulary I

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

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# 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.

**HA** = Course meets distribution credit in Humanities only for AAS and AAS-T degrees.

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

**SSA** = Course meets distribution credit in Social Science only for AAS and AAS-T degrees.

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

**NSA** = Course meets distribution credit in Natural Science only for AAS and AAS-T degrees.

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

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

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

**▽ & DE** = 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 \$30.00

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

## Course # Course Name

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

## Art

### ART& 100 ART APPRECIATION:DIV D,H

**▽** 0990 A 5 T 8:45a.m.-12:00p.m. MAN 119 COOPER R  
Hybrid class; partially online.

**▽** 0995 DE 5 ARR ARR ARR COOPER R  
Online class.

**▽** 1000 DE1 5 ARR ARR ARR COOPER R  
Online class.

### ART 101 BEGINNING DRAWING H,P

0895 A 3 MW 1:10p.m.-5:10p.m. HSB 103 KOHLMEIER M  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 102 INTERMEDIATE DRAWING H,P

0905 A 3 MW 1:10p.m.-5:10p.m. HSB 103 KOHLMEIER M  
Lab Fee: \$6.20 ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 103 ADVANCED DRAWING H,P

0915 A 3 MW 1:10p.m.-5:10p.m. HSB 103 KOHLMEIER M  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 106 BASIC DESIGN H,P

0925 A 5 MW 9:15a.m.-12:10p.m. HSB 103 KOHLMEIER M  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 107 BASIC DESIGN I H,P

0927 A 5 MW 9:15a.m.-12:10p.m. HSB 103 KOHLMEIER M  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### ART 108 BASIC DESIGN II H,P

0930 A 3 MW 9:15a.m.-12:40p.m. HSB 103 KOHLMEIER M  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

## Alternative Educational Resources at LCC

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

### COURSES USING AER — SUMMER 2017

BIOL& 160	General Biology – 1020, 1025, 1030	ECED& 100	Child Care Basics – 1755
BIOL& 241	Human Anatomy & Physiology 1 – 1050, 1055	ECON 105	Introduction to Economics – 1775
BIOL& 242	Human Anatomy & Physiology 2 – 1070	ENGL 098	College Ready English I – all sections
BUS& 101	Introduction to Business – 1275, 1280	ENGL 099	College Ready English II – all sections
BUS 144	Management of Human Relations – 1235, 1240	ENGL& 101	Composition I – 1890
BTEC 149	Internet Fundamentals – 1150	MUSC& 105	Music Appreciation – 2748
BTEC 150	Google Apps – 1155	NUTR& 100	Nutrition – 2830, 2835, 2840
BTEC 155	Website Management – 1160	PSYC& 100	General Psychology – 2950
CHEM& 110	Chemical Concepts – 1325	SOC& 101	Introduction to Sociology – 3015
CHEM& 121	Introduction to Chemistry – 1330		

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## Course # Course Name

Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**ART 111 BEGINNING PAINTING** **H,P**

▽ 0935 A	3	TTh	12:20p.m.-3:45p.m.	MAN 103	COOPER R
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⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 112 INTERMEDIATE PAINTING** **H,P**

▽ 0940 A	3	TTh	12:20p.m.-3:45p.m.	MAN 103	COOPER R
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⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 113 ADVANCED PAINTING** **H,P**

▽ 0945 A	3	TTh	12:20p.m.-3:45p.m.	MAN 103	COOPER R
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⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 241 BEGINNING CERAMIC ART** **H,P**

0948 A	3	MW	1:00p.m.-5:00p.m.	MAN 104	WALLACE P
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Lab Fee: \$21.80

**ART 242 INTERMEDIATE CERAMIC ART** **H,P**

0953 A	3	MW	1:00p.m.-5:00p.m.	MAN 104	WALLACE P
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Lab Fee: \$29.60

**ART 243 ADVANCED CERAMIC ART** **H,P**

0958 A	3	MW	1:00p.m.-5:00p.m.	MAN 104	WALLACE P
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Lab Fee: \$29.60

**ART 290 ART STUDIO LAB-CERAMICS**

0975 MM1	1-3	ARR	ARR	ARR	WALLACE P
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Instructor permission required to enroll.

Lab Fee: \$29.60

**ART 299 INDEPENDENT STUDY**

▽ 0980 MM	1-3	ARR	ARR	ARR	COOPER R
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Instructor permission required to enroll.

Lab Fee: \$20.80

0985 MM2	1-3	ARR	ARR	ARR	KOHLMEIER M
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Instructor permission required to enroll.

Lab Fee: \$20.80

**EVENING CLASSES****ART 241 BEGINNING CERAMIC ART** **H,P**

0950 N	3	MW	6:00p.m.-10:00p.m.	MAN 104	WALLACE P
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Lab Fee: \$21.80 ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 242 INTERMEDIATE CERAMIC ART** **H,P**

0955 N	3	MW	6:00p.m.-10:00p.m.	MAN 104	WALLACE P
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Lab Fee: \$29.60 ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 243 ADVANCED CERAMIC ART** **H,P**

0960 N	3	MW	6:00p.m.-10:00p.m.	MAN 104	WALLACE P
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Lab Fee: \$29.60 ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**Astronomy****ASTR& 101 INTRODUCTION TO ASTRONOMY****NSL**

▽ 1005 A	5	MW	9:00a.m.-12:25p.m.	HSB 137	VAZQUEZ J
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**Automotive Technology**

There is a fee of \$12.50 per student per quarter for all AMTC classes.

**AMTC 100 ESSENTIALS OF MECHANICS**

0860 A	5	MT	1:00p.m.-4:30p.m.	DTV 108	ROESKE G
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⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**AMTC 104 VEHICLE CLIMATE CONTROL**

0865 A	8	MTWTh	7:30a.m.-12:30p.m.	DTV 233	ROESKE G
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⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

**AMTC 299 INDEPENDENT STUDY**

0885 MM1	1-5	ARR	ARR	DTV 108	ROESKE G
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Instructor permission required to enroll.

**Biology****BIOL 109 ENERGY AND LIFE****NSL**

1017 A	5	MTW	1:00p.m.-2:20p.m.	HSB 123	KEPLER
		Th	1:00p.m.-2:20p.m.	HSB 135	KEPLER

Lab included. Lab Fee: \$19.90

**BIOL& 160 GENERAL BIOLOGY****NSL**

▽ 1020 DE	5	ARR	ARR	ARR	MYERS L
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Students must also enroll in BIOL& 160 DEA. Students should be prepared to purchase online lab software called Late Nite Labs. The cost for access is \$29.95. Online class. © Uses Alternative Educational Resources.

▽ 1025 DE1	5	ARR	ARR	ARR	MYERS L
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Students must also enroll in BIOL& 160 DEB. Students should be prepared to purchase online lab software called Late Nite Labs. The cost of access is \$29.95. Online class. © Uses Alternative Educational Resources.

▽ 1030 DE2	5	ARR	ARR	ARR	MYERS L
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Students must also enroll in BIOL& 160 DEC. Students should be prepared to purchase online lab software called Late Nite Labs. The cost of access is \$29.95. Online class. © Uses Alternative Educational Resources.

**BIOL& 160 GENERAL BIOLOGY—LAB**

▽ 1035 DEA	0	ARR	ARR	ARR	MYERS L
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Online class.

▽ 1040 DEB	0	ARR	ARR	ARR	MYERS L
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Online class.

▽ 1045 DEC	0	ARR	ARR	ARR	MYERS L
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Online class.

## Course # Course Name

Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1 NSL**

1050 DE 5	ARR	ARR			ARR	MEYERS R
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Prerequisite: BIOL& 160 or equivalent with a grade of C or better or instructor permission. Students must also enroll for one of the lab sections, BIOL& 241 DEA or DEB.

Online class. ☺ Uses Alternative Educational Resources.

1055 DE1 5	ARR	ARR			ARR	MEYERS R
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Prerequisite: BIOL&amp; 160 or equivalent with a grade of C or better or instructor permission. Students must also enroll for one of the lab sections, BIOL&amp; 241 DEA or DEB.

Online class. ☺ Uses Alternative Educational Resources.

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

1060 DEA 0	ARR	ARR			ARR	MEYERS R
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Online class.

1065 DEB 0	ARR	ARR			ARR	MEYERS R
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Online class.

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

1070 DE 5	ARR					MEYERS R
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Prerequisite: BIOL&amp; 241 with a C or better. Prereq waiver may be granted with appropriate documentation to the instructor. No textbook is required. Students must enroll in lab section DEA.

Online class. ☺ Uses Alternative Educational Resources.

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

1072 DEA 0	ARR	ARR			ARR	MEYERS R
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Online class.

## Business Administration

**BUS 100 FOUNDATIONS OF BUSINESS SUCCESS**

1273 A 5	MW	10:00a.m.-12:50p.m.	AAR 105			GAITHER M
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Start Date: 07/05/17 End Date: 08/02/17

Hybrid class; partially online

**BUS& 101 INTRODUCTION TO BUSINESS SS**

1275 A 5	TTh	9:20a.m.-11:00a.m.	AAR 108		CUMMINGS D	
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Hybrid class; partially online. ☺ Uses Alternative Educational Resources.

1280 DE 5	ARR	ARR			ARR	ALLWINE T
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Online class. ☺ Uses Alternative Educational Resources.

**BUS& 201 BUSINESS LAW SS**

1290 DE 5	ARR	ARR			ARR	QUIRK A
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Online class.

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

1235 A 5	TTh	2:00p.m.-4:00p.m.	PSC 104			STUART M
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Hybrid class; partially online. ☺ Uses Alternative Educational Resources.

1240 DE 5	ARR	ARR			ARR	ALLWINE T
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Online class. ☺ Uses Alternative Educational Resources.

**BUS 206 STATISTICAL METHODS NS**

1250 A 5	MTWTh	9:20a.m.-11:05a.m.	MAN 234			HEBERT M
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Start Date: 07/05/17 End Date: 08/17/17

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

1252 DE 5	ARR	ARR			ARR	MALOZZI J
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Start Date: 07/05/17 End Date: 08/24/17

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

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

**BTEC 100 COMPUTER KEYBOARDING**

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

Lab Fee: \$25.10

**BTEC 105 KEYBOARDING SPEED AND ACCURACY BUILDING**

1090 P 1-4	ARR	ARR			AAR 110	GAITHER M
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This course is graded on a Pass/Fail basis only.

Lab Fee: \$25.10

**BTEC 130 ELECTRONIC CALCULATORS**

1105 P 1-2	ARR	ARR			AAR 110	GAITHER M
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No computer lab fee.

**BTEC 131 INTRODUCTION TO SPREADSHEETS**

1107 DE 5	ARR	ARR			ARR	LEMMONS N
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No computer lab fee.

Online class.

**BTEC 144 ONENOTE FUNDAMENTALS**

1110 P 1	ARR	ARR			AAR 110	GAITHER M
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Lab Fee: \$25.10

**BTEC 145 INTRODUCTION TO MS WORD**

1120 P 1-5	ARR	ARR			AAR 110	GAITHER M
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Lab Fee: \$25.10

**BTEC 146 POWERPOINT FUNDAMENTALS**

1130 P 1-2	ARR	ARR			AAR 110	GAITHER M
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Lab Fee: \$25.10

**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

1135 P 1-3	ARR	ARR			AAR 110	GAITHER M
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Prerequisite: BTEC 145 or equivalent.

Lab Fee: \$25.10

**BTEC 148 INTRODUCTION TO OUTLOOK**

1140 A 2	W	11:00a.m.-12:00p.m.	AAR 109E			HOMME S
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Hybrid class; partially online.

Lab Fee: \$25.10

**BTEC 149 INTERNET FUNDAMENTALS**

1150 P 1	ARR	ARR			AAR 110	GAITHER M
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Lab Fee: \$25.10 ☺ Uses Alternative Educational Resources.

**BTEC 150 INTRODUCTION TO GOOGLE APPS**

1155 P 1-3	ARR	ARR			AAR 110	GAITHER M
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Lab Fee: \$25.10

**BTEC 155 WEBSITE MANAGEMENT**

1160 P 3	ARR	ARR			AAR 110	GAITHER M
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Lab Fee: \$25.10 ☺ Uses Alternative Educational Resources.

## Course # Course Name

Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**BTEC 156 INTRODUCTION TO MS VISIO**

1165 P	2	ARR	ARR		AAR 110	GAITHER M
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Lab Fee: \$25.10

**BTEC 157 INTRODUCTION TO MS PROJECT**

1167 P	2	ARR	ARR		AAR 110	GAITHER M
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**BTEC 164 LEGAL ASPECTS OF THE MEDICAL OFFICE**

1170 A	2	T	9:00a.m.-10:15a.m.		AAR 105	GAITHER M
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Lab Fee: \$25.10

**BTEC 181 MEDICAL TERMINOLOGY I**

1175 DE	3	ARR	ARR		ARR	LEMMONS N
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Online class. No computer lab fee.

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

**BTEC 182 MEDICAL TERMINOLOGY II**

1185 DE	3	ARR	ARR		ARR	LEMMONS N
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Online class. No computer lab fee.

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

## Chemistry

**CHEM& 100 PREPARATORY CHEMISTRY**

1320 A	5	MTWTh	9:00a.m.-10:25a.m.		HSB 123	NSA WOLFER A
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**CHEM& 110 CHEMICAL CONCEPTS W/LAB**

1325 DE	5	ARR	ARR		ARR	NSL PECORE J
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Exams must be proctored for this course, using either the LCC testing center or the online option ProctorU, contact the instructor for more information.

Online class. © Uses Alternative Educational Resources.

**CHEM& 121 INTRODUCTION TO CHEMISTRY**

1330 A	5	MTWTh	10:35a.m.-11:45a.m.		HSB 123	NSL WOLFER A
		M	12:30p.m.-3:55p.m.		HSB 332	

Lab included. Lab Fee: \$13.80 © Uses Alternative Educational Resources.

## College Success

**COLL 101 FIRST YEAR SEMINAR I**

1535 A	2	MW	8:00a.m.-9:10a.m.		VOC 111	HAYNES J
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1540 B	2	TTh	11:00a.m.-12:10p.m.		AAR 104	LEMMONS N
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1545 C	2	TTh	1:00p.m.-2:10p.m.		VOC 111	HAYNES J
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1550 DE	2	ARR	ARR		ARR	MYERS L
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Online class.

1547 KH	2	MW	3:00p.m.-4:10p.m.		HSB 104	AKINS-FIELDS
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**COLL 102 FIRST YEAR SEMINAR II**

1555 A	2	MW	8:00a.m.-9:10a.m.		AAR 106	AKINS-FIELDS
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## Computer Science

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

**CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS**

1585 A	3	MTWTh	10:00a.m.-10:50a.m.		AAR 109E	HOMME S
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Lab Fee: \$25.10

1590 B	3	MTWTh	12:00p.m.-12:50p.m.		AAR 109E	HOMME S
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Lab Fee: \$25.10

1595 DE	3	ARR	ARR		ARR	ROSI D
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No computer lab fee.

Online class.

## Cooperative Education

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

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

To enroll in a Cooperative Education program, students must have prior permission from an instructor in the appropriate program and the Career &amp; Employment Services Manager, Brian Sharp. For information, contact Brian by phone at 360.442.2331, email at bsharp@lowercolumbia.edu, or stop by the Career Center, Admissions Building, Room 120.

Cooperative Education 288 students must attend a mandatory orientation either 3-4 p.m. or 5:30-6:30 p.m. on June 15, 2017. Orientations will be held in the Career Lab in Admissions (ADC), Room 120.

Cooperative Ed 288 students must also enroll in a 1-credit Cooperative Education 289 Seminar. The seminar focuses on work-related topics that complement the student's work-based learning experience. The seminar meets weekly on Thursdays from 11 a.m.-12 p.m. in the Science Building, Room 102. A \$15.00 lab fee will be charged for all 288 classes.

ACCT 288	0835	CJ 288	1335	MFG 288	2735
ACCT 289	0840	CJ 289	1340	MFG 289	2740
AH 288	0850	ECED 288	1745	MEDA 288	2725
AH 289	0855	ECED 289	1750	MEDA 289	2730
AMTC 289	0880	ENGR 288	1910	PSYC 288	2940
ART 288	0965	ENGR 289	1915	PSYC 289	2945
ART 289	0970	HLTH 288	2145	WELD 288	3265
BUS 288	1260	HLTH 289	2150	WELD 289	3270
BUS 289	1265	HDEV 288	2100		
BTEC 288	1200	HDEV 289	2105		
BTEC 289	1210	ICP 288	2275		
CDS 288	1295	IT 288	1645		
CDS 289	1300	IT 289	1655		



## Course # Course Name

▽ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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## Diesel/Heavy Equipment Technology

There is a fee of \$12.50 per student per quarter for all DHET classes.

### DHET 100 ESSENTIALS OF MECHANICS

1665 A 5 MT 1:00p.m.-4:30p.m. DTV 108 ROESKE G

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

### DHET 104 VEHICLE CLIMATE CONTROL

1675 A 8 MTWTh 7:30a.m.-12:30p.m. DTV 233 ROESKE G

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

### DHET 228 COMMERCIAL DRIVING

1685 A 1-4 ARR ARR STAFF

### DHET 229 COMMERCIAL TRUCK DRIVING

1690 A 6 ARR ARR STAFF

Lab Fee: \$12.50

## Early Childhood Education

### ECE& 100 CHILD CARE BASICS

▽ 1755 DE 3 ARR ARR AKINS-FIELDS

Online class. ☉ Uses Alternative Educational Resources.

### ECE& 105 INTRODUCTION EARLY CHILD EDUCATION

▽ 1760 A 5 W 4:00p.m.-5:00p.m. SCI 102 ZBAEREN J

Class will meet Wednesday July 5, 26, and August 23 from 4:00 p.m. to 5:00 p.m.

Additionally, this course requires 33 clinical hours (arranged).

Hybrid class; partially online.

## Economics

### ECON 105 INTRODUCTION TO ECONOMICS

SS

▽ 1775 DE 5 ARR ARR FRANZ J

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

Online class. ☉ Uses Alternative Educational Resources.

### ECON& 201 MICRO ECONOMICS

SS

▽ 1780 DE 5 ARR ARR FRANZ J

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

Online class.

## Education

### EDUC 191 INTRODUCTION TO TUTORING

▽ 1785 DE 1-3 ARR ARR WILLIAMSON A

Instructor permission required to enroll.

Online class.

### EDUC& 203 EXCEPTIONAL CHILD

▽ 1810 DE 3 ARR ARR ZBAEREN J

Online class.

## Engineering

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

### ENGR& 121 ENGINEERING GRAPHICS I

1920 A 1-3 MW 1:35p.m.-4:25p.m. VOC 113 SKREEN R

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

### ENGR& 122 ENGINEERING GRAPHICS II

1925 A 1-3 MW 1:35p.m.-4:25p.m. VOC 113 SKREEN R

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

### ENGR& 123 ENGINEERING GRAPHICS III

1930 A 1-3 MW 1:35p.m.-4:25p.m. VOC 113 SKREEN R

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

## 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 9, and available in-store on June 12.



### Bookstore Hours July 5 – August 24

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

### Spring Book Buyback

June 12, 12-4:30 p.m.  
June 13-15, 8:30 a.m.-4:30 p.m.  
June 16, 8:30 a.m.-1 p.m.

### Summer Book Buyback

Check Bookstore website in  
July for dates and times.

## Course # Course Name

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

## ENGL 098 COLLEGE READY ENGLISH I

▽ 1825 A 5 MTWTh 9:30a.m.-10:55a.m. VOC 111 HAYNES J  
 Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

▽ 1830 B 5 MTWTh 11:15a.m.-12:40p.m. VOC 111 HAYNES J  
 Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

▽ 1834 C 5 MTWTh 1:00p.m.-2:10p.m. AAR 104 LEAVENS A  
 Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

▽ 1835 DE 5 ARR ARR ARR DIGERLANDO N  
 Online class. Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

## ENGL 099 COLLEGE READY ENGLISH II

▽ 1845 A 5 MTWTh 9:30a.m.-10:55a.m. VOC 111 HAYNES J  
 Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

▽ 1850 B 5 MTWTh 11:15a.m.-12:40p.m. VOC 111 HAYNES J  
 Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

▽ 1854 C 5 MTWTh 1:00p.m.-2:10p.m. AAR 104 LEAVENS A  
 Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

▽ 1855 DE 5 ARR ARR ARR DIGERLANDO N  
 Online class. Ⓢ Uses Alternative Educational Resources. ⓧ Course is clustered with other class sections that meet at the same time, in the same classroom.

## ENGL&amp; 101 ENGLISH COMPOSITION I

▽ 1875 A 5 MTW 8:30a.m.-10:25a.m. MAN 146 LEAVENS A

▽ 1885 B 5 MTW 11:30a.m.-1:25p.m. MAN 146 STRICKLAND J

▽ 1890 DE 5 ARR DIGERLANDO N  
 Online class. Ⓢ Uses Alternative Educational Resources.

## ENGL&amp; 102 COMPOSITION II

HA

▽ 1895 A 5 MW 9:00a.m.-12:00p.m. AAR 108 NORWOOD K

▽ 1900 DE 5 ARR ARR ARR MCCARTHY D

Online class.

▽ 1905 DE1 5 ARR ARR ARR MCCARTHY D

Online class.

## ENGL 204 THE NOVEL

H

▽ 1870 DE 5 ARR ARR ARR MCCARTHY D

Online class.

## High School Completion

The High School Completion lab is located in the International Center. Please call 360.442.2691 for more information. Students may enroll in HSC classes for 1 to 5 credits.

HSC 073	VISUAL ARTS - DRAWING	2155
HSC 075	INTRODUCTION TO DRAMA	2160
HSC 076	FAMILY LIFE	2165
HSC 077	ACTIVE FITNESS	2167
HSC 079	MATH CONCEPTS-GEOMETRY	2170
HSC 080	MATH CONCEPTS-ALGEBRA	2175
HSC 082	READING REBOOT	2180
HSC 084	FITNESS AND NUTRITION	2185
HSC 085	MENTAL AND SOCIAL HEALTH	2190
HSC 086	INTRODUCTION TO LITERATURE	2195
HSC 087	INTRODUCTION TO POETRY	2200
HSC 088	INTRODUCTION TO WRITING	2205
HSC 089	ENGLISH ESSENTIALS	2210
HSC 090	NATURAL HAZARDS	2215
HSC 091	ENVIRONMENTAL SCIENCE	2220
HSC 092	CIVICS	2225
HSC 093	US HISTORY I	2230
HSC 094	US HISTORY II	2235
HSC 095	WASHINGTON STATE HISTORY	2240
HSC 096	CONTEMPORARY WORLD PROBLEMS	2245
HSC 097	PERSONAL FINANCE	2250
HSC 098	INTRODUCTION TO BIOLOGY	2255
HSC 099	US HISTORY III	2257

## History

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

D,SS

▽ 2120 DE 5 ARR ARR ARR SHAH C  
 Online class.

## HIST&amp; 136 US HISTORY 1

SS

▽ 2115 DE 5 ARR ARR ARR VAUGHN C  
 Online class.

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



## Course # Course Name

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

## Health

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

### HLTH 100 OCCUPATIONAL SAFETY AND HEALTH

2125 A 3 FSa 8:00a.m.-4:00p.m. DTV 202 JOHNSON B  
This class meets July 07, July 08, July 14 and July 15 from 8:00 a.m. to 4:00 p.m. in DTV 202.

▽ 2135 HB 3 ARR ARR DTV 202 JOHNSON B  
Orientation will be online. Check your CANVAS account for information. The 1st Aid CPR training will be on Tuesday, July 11 from 8:00a.m. to 5:00 p.m. in DTV 202. Hybrid class; partially online.

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

2137 A 1 M 1:00p.m.-2:50p.m. DTV 202 JOHNSON B  
Classes will be held on Mondays, July 10, 17, 24, 31, and August 7.

## Humanities

### HUM 104 ETHICS AND CULTURAL VALUES:DIV

D,H

▽ 2265 DE 5 ARR ARR ARR LEACH M  
Online class.

### HUM& 117 HUMANITIES II

H

▽ 2270 DE 5 ARR ARR ARR LEACH M  
Online class.

## Individualized Certificate

The Individualized Certificate Program (ICP) provides an option for students to participate in a specialized training program combining LCC courses and a cooperative work experience with a local employer. Students will be expected to attend a classroom seminar to build a career portfolio while learning to conduct informational interviews with professionals in their field. Students will learn how to search for future employment and build an employment portfolio.

Students may earn a Certificate of Proficiency (45+ credits) by completing all credit requirements established for their specialized program.

For more information please contact the Educational Planner, Crystal Heitz, at 360.442.2334 or email [cheitz@lowercolumbia.edu](mailto:cheitz@lowercolumbia.edu)

### ICP 288 CO-OP WORK EXPERIENCE

2275 A 1-17 ARR STAFF  
Lab Fee: \$15.00

### ICP 299 INDEPENDENT STUDY

2285 A 1-10 ARR STAFF

## Machine Trades

There is a fee of \$12.50 per student per quarter for all MASP classes.

### MASP 107 MACHINING FOR RELATED OCCUPATIONS

2475 A 1-6 MTWTh 8:00a.m.-1:00p.m. VOC 114 SHEPHERD N  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 111 MACHINE SHOP I

2480 A 1-10 MTWTh 8:00a.m.-1:00p.m. VOC 114 SHEPHERD N  
⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 112 MACHINE SHOP II

2485 A 1-10 MTWTh 8:00a.m.-1:00p.m. VOC 114 SHEPHERD N  
Prerequisite: 10 credits of MASP 107 and/or MASP 111. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 113 MACHINE SHOP III

2490 A 1-10 MTWTh 8:00a.m.-1:00p.m. VOC 114 SHEPHERD N  
Prerequisite: 10 credits of MASP 112. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 114 MACHINE SHOP IV

2495 A 1-10 MTWTh 8:00a.m.-1:00p.m. VOC 114 SHEPHERD N  
Prerequisite: 10 credits of MASP 113. ⊗ Course is clustered with other class sections that meet at the same time, in the same classroom.

### MASP 204 CNC MACHINING CENTER FUNDAMENTALS

2500 MK 3 ARR ARR SHEPHERD N

### MASP 205 CNC MACHINING CENTER FUNDAMENTALS

2505 MK 3 ARR ARR SHEPHERD N

### MASP 299 INDEPENDENT STUDY

2510 MM 2 ARR ARR STAFF

## 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, please visit [lowercolumbia.edu/international](http://lowercolumbia.edu/international) or email [international@lowercolumbia.edu](mailto:international@lowercolumbia.edu)





## Save Money – Attend LCC This Summer

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

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

### *Popular LCC Summer Classes for University Students*

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

ART 101	Beginning Drawing	CS 121	Introduction to Spreadsheets:Excel	MUSC 100	Fundamentals of Music
ART 102	Intermediate Drawing			NUTR& 101	Nutrition
ART 103	Advanced Drawing	ECED& 100	Child Care Basics	OCEA& 101	Introduction to Oceanography
ART 241	Beginning Ceramic Art	ECED& 105	Introduction to Early Childhood Education	PHED 114	Ultimate Frisbee
ART 242	Intermediate Ceramic Art	ECON 105	Introduction to Economics	PHED 215	Outdoor Skills Experience
ART 243	Advanced Ceramic Art	ECON& 201	Micro Economics	PHED 105	Beginning Pilates & Yoga
ART& 100	Art Appreciation:DIV	EDUC& 203	Exceptional Child	PHED 205	Intermediate Pilates & Yoga
ASTR& 101	Introduction to Astronomy	ENGL 204	The Novel	PHED 127	Zumba I
BIOL& 160	General Biology	ENGL& 101	English Composition I	PHED 227	Zumba II
BIOL& 241	Human A & P 1 w/lab	ENGL& 102	English Composition II	PHED 152	Personalized Fitness
BIOL& 242	Human A & P 2 w/lab	ENGR& 121	Engineering Graphics I	PHED 252	Personalized Fitness
BUS 104	Business Math Applications	ENGR& 122	Engineering Graphics II	PSYC& 100	General Psychology
BUS 144	Management of Human Relations:DIV	ENGR& 123	Engineering Graphics III	PSYC& 200	Lifespan Psychology
BUS 206	Statistical Methods	HIST& 136	US History 1	SOC& 101	Introduction to Sociology:DIV
BUS& 101	Introduction to Business	HIST& 137	US History 2	SPAN& 121	Spanish I:DIV
BUS& 201	Business Law	HLTH 100	Occupational Safety and Health	SPAN& 122	Spanish II:DIV
CHEM& 100	Preparatory Chemistry			SPAN& 123	Spanish III:DIV
CHEM& 110	Chemical Concepts w/lab	HUM 104	Ethics/Cultural Values:DIV	SPAN& 221	Spanish IV
CHEM& 121	Introduction to Chemistry	HUM& 117	Humanities II	SPAN& 222	Spanish V
CS 100	Introduction to Info Systems	MATH 210	Elements of Statistics	SPAN& 223	Spanish VI
CS 104	Inter Web Page Design	MATH& 107	Math in Society	SPCH 110	Introduction to Public Speaking
CS 110	Microcomputer Applications	MATH& 141	Precalculus I	SPCH 114	Small Group Communication
		MATH& 153	Calculus III		



# 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 2017

ART& 100	Art Appreciation:DIV	HUM 104	Ethics and Cultural Values:DIV
BIOL& 160	General Biology w/lab	HUM& 117	Humanities II
BIOL& 241	Human A & P 1 w/lab	*MATH 088/089	Pre-College Math II
BIOL& 242	Human A & P 2 w/lab	*MATH 098/099	Pre-College Math III
BTEC 131	Introduction to Spreadsheets	MATH 210	Elements of Statistics
BTEC 181	Medical Terminology I	MATH& 107	Math in Society
BTEC 182	Medical Terminology II	MEDA 205	Certification Review for Medical Assisting
BUS 144	Management of Human Relations:DIV	MUSC 119	American Music:DIV
BUS 206	Statistical Methods	MUSC& 105	Music Appreciation
BUS& 101	Introduction to Business	NUTR& 101	Nutrition
BUS& 201	Business Law	OCEA& 101	Intro to Oceanography
CHEM& 110	Chemical Concepts with lab	PHED 152	Personalized Fitness
COLL 101	First Year Seminar I	PHED 252	Personalized Fitness
CS 110	Microcomputer Applications	PSYC& 100	General Psychology
ECED& 100	Child Care Basics	PSYC& 200	Lifespan Psychology
ECON 105	Introduction to Economics	SOC& 101	Introduction to Sociology:DIV
ECON& 201	Micro Economics	*SPAN& 121	Spanish I:DIV
EDUC 191	Introduction to Tutoring	*SPAN& 122	Spanish II:DIV
EDUC& 203	Exceptional Child	*SPAN& 123	Spanish III:DIV
ENGL 098	College Ready English I	*SPAN& 221	Spanish IV
ENGL 099	College Ready English II	*SPAN& 222	Spanish V
ENGL 204	The Novel	*SPAN& 223	Spanish VI
ENGL& 101	English Composition I	SPCH 110	Intro to Public Speaking
ENGL& 102	Composition II		
HIST& 128	World Civilizations III:DIV		
HIST& 136	US History 1		

*\*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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## Mathematics

(See also: Math Achievement Center)

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

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

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

Online homework and electronic textbook for all MATH 078/079, 088/089, 098/099, 141, 142, 148, 152, 153, and 210 provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

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

### Pre-College Math

#### MATH 050 REVIEW MATH-WHOLE NUMBER

2520 A	1	MTWTh	9:00a.m.-10:25a.m.	SCI 108	SKEIE M
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Start Date: 07/05/17 End Date: 07/25/17

#### MATH 078 PRE-COLLEGE MATH I

2521 A	3	MTWTh	9:00a.m.-10:25a.m.	SCI 108	SKEIE M
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Start Date: 07/26/17 End Date: 08/24/17

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

2535 and 2536 B	MTWTh	12:15p.m.-1:40p.m.	MAN 145	MORRISON D
2540 and 2541 C	MTWTh	7:25a.m.-8:50a.m.	SCI 108	SKEIE M
2544 and 2546 E	MTWTh	1:00p.m.-2:45p.m.	HSB 106	STETZER J

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

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

2565 and 2566 A	MTWTh	8:10a.m.-10:25a.m.	HSB 107	STETZER J
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#### MATH 088 PRE-COLLEGE MATH II

2570 DE	3	MTWTh	ARR	ARR	BENJAMIN B
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Students can only take MATH 088 or MATH 089 due to short summer schedule. Online homework & electronic text provided by Pearson Ed. Tech problem resolved by contacting Tech Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com. Start Date: 07/05/17 End Date: 08/24/17

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

2575 and 2576 G	MTWTh	7:25a.m.-8:50a.m.	AAR 102	BABBICK L
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#### MATH 089 PRE-COLLEGE MATH II

2571 DE	2	MTWTh	ARR	ARR	BENJAMIN B
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Students can only take MATH 088 or MATH 089 due to short summer schedule. Online homework & electronic text provided by Pearson Ed. Tech problem resolved by contacting Tech Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com. Start Date: 07/05/17 End Date: 08/24/17

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

2610 and 2611 J	MTWTh	10:35a.m.-12:00p.m.	MAN 145	STETZER J
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2605 and 2606 DE	ARR	ARR	ARR	MALOZZI J
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Online homework and electronic textbook provided by Pearson Education. Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com.

#### MATH 099 PRE-COLLEGE MATH III

2630 K	2	MTWTh	10:35a.m.-12:00p.m.	HSB 106	BABBICK L
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Start Date: 07/05/17 End Date: 07/25/17

### College-Level Math

#### MATH 106 INDUSTRIAL MATHEMATICS


2640 A	5	MTWTh	10:35a.m.-12:00p.m.	VOC 112	MORRISON D
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Start Date: 07/05/17 End Date: 08/24/17

#### MATH& 107 MATH IN SOCIETY

2670 DE	5	ARR	ARR	ARR	BENJAMIN B
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Prerequisite: MATH 099 with a grade of C or better. Online class. Start Date: 07/05/17 End Date: 08/17/17



## MATH BOOT CAMP

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

At the boot camp you will:

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

Sign up at the Testing Office in the Admissions Center or call 360.442.2353 for more information.

### Upcoming Dates

Single Evening Session  
 May 31, 5-8 p.m.  
 August 9, 5-8 p.m.

2 Day Intensive Session  
 June 12-13, 9 a.m.-12 p.m.  
 August 29-30, 9 a.m.-12 p.m.

**Registration Required**  
[lowercolumbia.edu/math-boot-camp](http://lowercolumbia.edu/math-boot-camp)

## Course # Course Name

▽ Item#	Sec.#	Cred.#	Days	Time	Place	Instructor
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**MATH& 141 PRECALCULUS I**

2675 A	5	MTWTh	11:15a.m.-1:00p.m.	HSB 105	MALOZZI J
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Start Date: 07/05/17 End Date: 08/17/17

**MATH& 142 PRECALCULUS II**

2680 A	5	MTWTh	1:10p.m.-2:55p.m.	HSB 105	HEBERT M
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Start Date: 07/05/17 End Date: 08/17/17

**MATH& 153 CALCULUS III**

2695 A	5	TWTh	10:35a.m.-12:30p.m.	PSC 104	DRAUS D
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Start Date: 07/05/17 End Date: 08/17/17

**MATH 210 ELEMENTS OF STATISTICS**

2655 A	5	MTWTh	9:20a.m.-11:05a.m.	MAN 234	HEBERT M
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Start Date: 07/05/17 End Date: 08/17/17

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

▽ 2657 DE	5	ARR	ARR	ARR	MALOZZI J
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Start Date: 07/05/17 End Date: 08/24/17

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

## Math Achievement Center

The Math Achievement Center, located in AAR 110, is open Monday and Thursday, 9 a.m.-4 p.m., Tuesday and Wednesday, 9 a.m.-7 p.m. Students work on their own with assistance of tutors and an instructor.

Students must attend a **mandatory orientation** the first day of the quarter at 1 p.m. or 4 p.m. in AAR 110. There is a minimum attendance requirement. You will receive this information at orientation.

Online homework and electronic textbook for all Pre-College Math provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or email [helpdesk@lowercolumbia.mylabsplus.com](mailto:helpdesk@lowercolumbia.mylabsplus.com)

**MATH 050 REVIEW MATH-WHOLE NUMBER**

2525 P	1	MTWTh	ARR	AAR 110	STAFF
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Start Date: 07/05/17 End Date: 08/24/17

**MATH 078 PRE-COLLEGE MATH I**

2545 P	3	MTWTh	ARR	AAR 110	STAFF
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Start Date: 07/05/17 End Date: 08/24/17

**MATH 079 PRE-COLLEGE MATH I**

2560 P	2	MTWTh	ARR	AAR 110	STAFF
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Start Date: 07/05/17 End Date: 08/24/17

**MATH 088 PRE-COLLEGE MATH II**

2580 P	3	MTWTh	ARR	AAR 110	STAFF
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Start Date: 07/05/17 End Date: 08/24/17

**MATH 089 PRE-COLLEGE MATH II**

2595 P	2	MTWTh	ARR	AAR 110	STAFF
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Start Date: 07/05/17 End Date: 08/24/17

**MATH 098 PRE-COLLEGE MATH III**

2615 P	3	MTWTh	ARR	AAR 110	STAFF
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Start Date: 07/05/17 End Date: 08/24/17

**MATH 099 PRE-COLLEGE MATH III**

2635 P	2	MTWTh	ARR	AAR 110	STAFF
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Start Date: 07/05/17 End Date: 08/24/17

## Medical Assisting

**MEDA 101 MEDICAL VOCABULARY I**

▽ 2700 A	3	MW	1:00p.m.-3:05p.m.	HSB 244	ENGEL E
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Start Date: 07/05/17 End Date: 08/16/17

**MEDA 190 MEDICAL ASSISTING PRECEPTORSHIP**

▽ 2710 A	5	ARR	ARR	ARR	ENGEL E
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Lab Fee: \$17.50 Start Date: 07/05/17 End Date: 08/16/17

**MEDA 195 MEDICAL ASSISTING SEMINAR**

▽ 2715 A	1	T	3:30p.m.-4:45p.m.	HSB 244	ENGEL E
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Hybrid class; partially online.  
Start Date: 07/05/17 End Date: 08/16/17

**MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTING**

▽ 2720 DE	2	ARR	ARR	ARR	SOLADEY V
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Online class.  
Start Date: 07/05/17 End Date: 08/16/17

## Music

**MUSC& 105 MUSIC APPRECIATION**

▽ 2748 DE	5	ARR	ARR	ARR	CHALLED G
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Online class. © Uses Alternative Educational Resources.

**MUSC 119 AMERICAN MUSIC:DIV**

▽ 2750 DE	5	ARR	ARR	ARR	HARBAUGH K
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Online class.

▽ 2752 DE1	5	ARR	ARR	ARR	HARBAUGH K
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Online class.

**MUSC 121 BEGINNING GUITAR**

▽ 4370 A	5	T	2:00p.m.-4:20p.m.	RCA 102	HARBAUGH K
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Guitars are provided for students to use. Students will be allowed to take guitars home for practice.  
Hybrid class; partially online.

## Nursing

The LCC Nursing Program is committed to providing excellence in nursing education that encompasses critical thinking, competencies in the role of provider of care, 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 Bev Ylen, Nursing and Allied Health Program Assistant, 360.442.2860 for information and to register.

**NURS 090 NURSING ASSISTANT**

▽ 2775 A	8	ARR	9:00a.m.-2:00p.m.	HSB 249	MACLAREN A
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Instructor permission required to enroll. Lab Fee: \$50.30

▽ 2770 L	0	ARR	ARR	HSB 246	DAMIEN K
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Instructor permission required to enroll. Lab Fee: \$49.10

## Course # Course Name

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

## NUTR&amp; 101 NUTRITION

NS

2825 A	5	T	10:00a.m.-12:45p.m.	HSB 104	KEPLER C
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Hybrid class; partially online.

2830 DE	5	ARR	ARR	ARR	ROSS E
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Online class. ☉ Uses Alternative Educational Resources.

2835 DE1	5	ARR	ARR	ARR	ROSS E
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Online class. ☉ Uses Alternative Educational Resources.

2840 DE2	5	ARR	ARR	ARR	ROSS E
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Online class. ☉ Uses Alternative Educational Resources.

## Oceanography

## OCEA&amp; 101 INTRODUCTION TO OCEANOGRAPHY

NSL

2845 DE	5	ARR	ARR	ARR	KHANDRO L
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Online class.  
Lab Fee: \$11.30

## Physical Education

A \$7.50 fee is charged for each Physical Education class.

## PHED 105 BEGINNING PILATES &amp; YOGA

A

2865 A	1	TTh	9:15a.m.-10:20a.m.	GYM 210	SKERBECK C
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☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 114 ULTIMATE FRISBEE

A

2870 A	1.5	TTh	2:10p.m.-3:20p.m.	GYM	STAFF
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## PHED 128 WEIGHT TRAINING

A

2880 A	1-2	TTh	12:00p.m.-2:00p.m.	GYM 113	LANE E
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☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 152 PERSONALIZED FITNESS

A

2885 DE	1-2	ARR	ARR	ARR	ROSS E
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Students must log into canvas for class instructions and syllabus.  
Online class. ☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

2890 DE1	1-2	ARR	ARR	ARR	ROSS E
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Students must log into canvas for class instructions and syllabus.  
Online class. ☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 205 INTERMEDIATE PILATES &amp; YOGA

A

2895 A	1	TTh	9:15a.m.-10:20a.m.	GYM 210	SKERBECK C
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☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 228 WEIGHT TRAINING

A

2910 A	1-2	TTh	12:00p.m.-2:00p.m.	GYM 113	LANE E
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☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

## PHED 252 PERSONALIZED FITNESS

A

2915 DE	1-2	ARR	ARR	ARR	ROSS E
---------	-----	-----	-----	-----	--------

Students must log into canvas for class instructions and syllabus.  
Online class. ☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

2920 DE1	1-2	ARR	ARR	ARR	ROSS E
----------	-----	-----	-----	-----	--------

Students must log into canvas for class instructions and syllabus.  
Online class. ☉ Course is clustered with other class sections that meet at the same time, in the same classroom.

## Political Science

## POLS&amp; 202 AMERICAN GOVERNMENT

SS

2935 MM	5	ARR	ARR	ARR	VAUGHN C
---------	---	-----	-----	-----	----------

Instructor permission required to enroll in this course.

## Psychology

## PSYC&amp; 100 GENERAL PSYCHOLOGY

SS

2950 A	5	MTW	8:35a.m.-10:25a.m.	MAN 235	WEAVER N
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Start Date: 07/10/17 End Date: 08/18/17

2960 DE	5	ARR	ARR	ARR	TUCKER J
---------	---	-----	-----	-----	----------

Online class. ☉ Uses Alternative Educational Resources.

## PSYC&amp; 200 LIFESPAN PSYCHOLOGY

SS

2970 A	5	MW	9:00a.m.-12:00p.m.	PSC 102	SUEK J
2975 DE	5	ARR	ARR	ARR	RICHIE G

Online class.

## EVENING CLASSES

## PSYC&amp; 100 GENERAL PSYCHOLOGY

SS

2965 N	5	W	5:30p.m.-8:00p.m.	HSB 107	TUCKER J
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Hybrid class; partially online.

## Sociology

## SOC&amp; 101 INTRODUCTION TO SOCIOLOGY:DIV

D,SS

3015 A	5	MTW	11:00a.m.-12:55p.m.	MAN 235	WEAVER N
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Start Date: 07/10/17 End Date: 08/18/17  
☉ Uses Alternative Educational Resources.

3025 DE	5	ARR	ARR	ARR	TATE J
---------	---	-----	-----	-----	--------

Online class.

## Spanish

All DE sections are online, using Maestro and email communication with the instructor. A Distance Education fee will be charged.

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

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

## SPAN&amp; 121 SPANISH I:DIV

D,H

3030 A	5	MTWTh	9:00a.m.-10:25a.m.	AAR 104	EMERSON A
3035 DE	5	ARR	ARR	ARR	EMERSON A

☉ 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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**SPAN& 122 SPANISH II:DIV****D,H**

3040 DE 5 ARR ARR ARR EMERSON A

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

**SPAN& 123 SPANISH III:DIV****D,H**

3045 DE 5 ARR ARR ARR EMERSON A

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

**SPAN& 221 SPANISH IV****D,H**

3050 DE 5 ARR ARR ARR EMERSON A

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

**SPAN& 222 SPANISH V****H**

3055 DE 5 ARR ARR ARR EMERSON A

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

**SPAN& 223 SPANISH VI****H**

3060 DE 5 ARR ARR ARR EMERSON A

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

## Speech

**SPCH 110 INTRODUCTION TO PUBLIC SPEAKING****H**

▽ 3065 A 5 MW 9:00a.m.-12:00p.m. RCA 139 BREHM A

▽ 3070 B 5 MW 1:00p.m.-4:00p.m. RCA 139 BREHM A

▽ 3075 DE 5 ARR ARR ARR NEILL S

Online class.

▽ 3077 DE1 5 ARR ARR ARR NEILL S

Online class.

**SPCH 114 SMALL GROUP COMMUNICATION****H**

▽ 3080 A 5 T 10:00a.m.-1:00p.m. MAN 148 NEILL S

Hybrid class; partially online.

## 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**

3185 A 1-6 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3190 B 1-6 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 151 INTRODUCTION TO OXY ACETYLENE**

3195 A 1-6 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3200 B 1-6 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 152 INTRODUCTION TO ARC WELDING**

3205 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3210 B 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 221 WIRE MACHINE**

3215 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3220 B 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 222 ADVANCED WIRE MACHINE**

3225 A 6 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3230 B 6 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 254 ARC WELDING**

3235 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3240 B 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 255 ADVANCED WELDING PROCESSES**

3245 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3250 B 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 256 ADVANCED WELDING APPLICATION**

3255 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 PITTSLEY D

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

3260 B 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 161 MILLER R

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

**WELD 299 INDEPENDENT STUDY**

3275 A 1-10 ARR PITTSLEY D

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

3280 B 1-10 ARR MILLER R

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

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



## Adult Basic Education

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

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

### Longview ABE Classes

#### Lower Columbia College (15th Ave., Vocational Building)

Daily 8:00 a.m.-9:25 a.m.  
9:30 a.m.-10:55 a.m.  
11:00 a.m.-12:25 p.m.  
1:00 p.m.-2:25 p.m.  
2:30 p.m.-3:55 p.m.  
Mon-Thurs 5:30 p.m.-6:55 p.m.  
7:00 p.m.-9:00 p.m.

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

*Intensive, individualized instruction.*

Mon/Wed 11:00 a.m.-12:00 p.m.  
Mon-Thurs 6:00 p.m.-9:00 p.m.

### Woodland ABE Classes

#### Woodland Primary School (600 Bozarth Ave, Woodland)

Tues & Thurs 6:00 p.m.-9:00 p.m.

### I-BEST Job Training

Do you need better reading, writing, mathematics, English or study skills to move up to a better job? I-BEST career training programs offer extra help for ABE and ESL students. See page 8.

### High School 21+

High School 21+ is for students who want to finish their high school diploma and prepare for college or career at an affordable price. Both day and evening classes are available. For more information, call 360.442.2580.



## English as a Second Language

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

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

### Longview ESL Classes

#### Lower Columbia College (15th Ave., Vocational Building)

Daily 9:00 a.m.-12:00 p.m.  
Mon-Thurs 7:00 p.m.-9:00 p.m.

### Woodland ESL Classes

#### Woodland Primary School (600 Bozarth Ave, Woodland)

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

## LCC Offers High School Diploma Program For Adults

Adults, age 21 and older, have a low-cost option to earn a high school diploma through a program now available at Lower Columbia College. The HS21+ program is a comprehensive, competency-based approach tailored to adult learning styles, with both day and evening classes on campus and in the community.

Students earn credit toward a high school diploma both through classroom studies and by demonstrating knowledge gained in the workplace, life experiences and military service. Previous high school and college studies also count.

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

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

LCC began offering the HS21+ program in Summer 2013. Since then, over 300 students have completed studies to graduate with their high school diploma. Even better, many graduates have continued on to college studies.

# CORPORATE AND CONTINUING EDUCATION

Corporate and Continuing Education at Lower Columbia College provides personal, professional and corporate education and training services to individuals and businesses in the community. These non-credit classes are offered both on-site and online to accommodate the needs of both individuals and employers.

## Explore Your World!

*Your adventure awaits in our kid's summer camps!  
Investigate a crime scene, explore the world of bugs, soil, and water, discover something new!  
Where will your imagination take you?*

### STEM Institute: Investigative Sciences

Spend your week exploring the way scientists and researchers use a systematic approach to answer questions about the world around us. Begin your adventure with a road trip to gather soil, bug and water samples. Spend the rest of the week examining your samples, finding out about STEM careers while engaging in fun learning experiences with your peers. HSB (Staff) \$79

#### High School Students

CLCE 025 A 8135 M-Th 7/17-7/20  
Monday 7:30a.m.-4:30p.m.; Tuesday-Thursday 8 a.m.-12 p.m.

### Camp Crime Scene

Immerse yourself in the challenging puzzles of crime scene investigation. Gather evidence, study the clues, analyze the data and work to solve the crime! Explore science and medicine in the world of law enforcement. DTV 201 (Staff) \$59

#### 3rd to 5th Grade

CLCE 025 B 8136 M-Th 7/24-7/27 8 a.m.-12 p.m.

#### 6th to 8th Grade

CLCE 025 C 8137 M-Th 7/31-8/3 8 a.m.-12 p.m.

### Family STEM Night on September 22!

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. Watch for more details in the fall schedule!

## ENGAGE YOUNG MINDS

Corporate and Continuing Education offers classes and workshops throughout the year to engage your children in fun educational experiences. Register online at [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce) and click on the shopping cart feature or call 360.442.2840.

### Safe Sitter

Your future babysitter will learn child care essentials, behavior management, safety, first aid and more from certified Safe Sitter instructors. This training is devoted to preparing young teens to be safe in unsupervised settings, whether home alone, watching younger siblings, or babysitting. Ages 11-16. DTV 201 (Staff) \$49



CLCE 024 A 8130 Sa 6/10 9 a.m.-3:30 p.m.

## Travel & Outdoors

### Oregon Gardens

Located in historic Silverton, Oregon, the Oregon Gardens is an 80 acre botanical garden, featuring more than 20 specialty gardens showcasing the diverse beauty of the Willamette Valley and Pacific Northwest. Explore the Sensory Garden, Rose Garden, Amazing Water Garden, one of the largest collections of miniature conifers in the country, a 400-year-old Signature Oak, and much more! The Wetlands Habitat, which cools the City of Silverton's treated waste water through a series of pools, brims with local wildlife. Take the narrated tram tour to learn more about the gardens. Registration fee includes transportation and admission fee. (Wade) \$40

CLCE 038 A 8550 Sa 7/8 9 a.m.-5 p.m.

### Timberline Lodge

Constructed in 1937, Timberline Lodge stands on the south slope of Mt Hood at an elevation of 6,000 feet. Declared a National Historic Landmark in 1977, Timberline Lodge is one of Oregon's most popular tourist attractions, drawing nearly two million visitors every year. Join us for a day of exploring the lodge and taking in the beauty of the mountain. Be sure to bring your camera or cell phone to capture photos of the lodge and beautiful Mt. Hood. Registration fee includes transportation to and from the lodge. Meals and optional activities on your own. (Wade) \$35

CLCE 038 B 8555 Sa 8/12 9 a.m.-5 p.m.



## About Corporate and Continuing Education

For the latest information about Continuing Education, see [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce) or visit us on Facebook at "Lower Columbia College Continuing Education."

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

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

### Questions? Call us!

Continuing Education: 360.442.2840 or 360.442.2602  
Business & Workforce Training:  
360.442.2601 or 360.442.2611  
Caregiving: 360.442.2602

### Refund Policy:

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

### Continuing Education Online:

We offer online, short-term, non-credit courses for personal or professional development. To register for any of these classes or to view more course listings, in addition to the ones we have listed throughout, go to the provider websites listed below. Our online providers include:

#### ■ ED2GO –

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

The Ed2go online instruction center is the leader in online learning for adults, providing quality online continuing education courses geared for you! These 6-week, highly interactive classes start the third Wednesday of each month. Most require only Internet access and an email account. Choose from Career & Professional, Computers & Technology, Personal Development, Writing & Publishing, and more!

#### ■ GATLIN EDUCATION SERVICES

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

LCC, in partnership with Gatlin Education Services (GES), offers online open-enrollment programs designed to provide skills necessary to acquire professional level positions for many in-demand occupations. These programs are developed by a team of professionals from each field. Instructors/mentors are actively involved in your learning experience, responding to questions or concerns and encouraging and motivating students to succeed.

Areas of interest include: Healthcare & Fitness, Business & Professional, IT & Software Development, Management & Corporate, Media & Design, Hospitality & Gaming, Skilled Trades & Industrial, Sustainable Energy & Going Green, and more!

## Get Creative this Summer!

### Art & Culture

#### Writer's Creative Mind Studio

Authors, artists, musicians, copywriters, code writer's, students and journalists: Unlock and unleash your creative potential for writing and thinking out of the box. Are you feeling blocked, stuck, or do you just want to take your creativity and writing to the next level? This class helps you access YOUR passion and creativity fountain. This course is not a course about the mechanics of writing or standard time management, but will give you tools to master your time! DTV 201 \$59 (Grumbles)

CLCE 016 A 8075 Th 7/6-8/10 6-8 p.m.

#### Art Journal-NEW

The art journal is a way to keep a record of your artistic growth. Throughout history artists have carried sketchbooks with them. Some of the most revealing history of great artists is through their sketchbooks/journals. This class will provide the foundation for producing valuable input into your own personal development. We will investigate the materials and techniques for developing an artist's journal. Some of the classes will meet off campus to provide stimulus for your journals. MAN 109 (Wade) \$45

CLCE 018 A 8085 T 7/11-8/29 5-6 p.m.

#### Recycled Art

This class will investigate and create art made from previously used material. Discover treasures from a variety of sources to re-purpose into a wide range of visual and practical elements. Students will be exposed to sources of materials, ideas for transforming those materials into objects of art, and methods of construction. Get in on the nation-wide movement of green consciousness by keeping things from being disposed of through creative reuse. MAN 109 (Wade) \$79

CLCE 018 B 8090 W 7/5-8/30 5-7 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) \$79

CLCE 018 C 8095 Th 7/6-8/31 5-7 p.m.





## Health & Wellness

### Aquatic Fitness

Did you know that exercising in water makes you feel up to 90 percent lighter, according to the American Council on Exercise? This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. Dick Mealy Pool at Mark Morris (Dickey) \$65 *No class 6/21 & 7/4*

CLCE 035 A 8225 M-Th 6/19-8/3 12-12:50 p.m.

### Pilates Core Challenge

Pilates is a form of exercise that emphasizes the balanced development of the body through core strength, flexibility and awareness to support a graceful movement. Focusing on six principles, your Pilates workout will incorporate centering, control, flow, breath, precision and concentration. As core strength is the corner stone of Pilates, you will develop your core strength and stability throughout your entire torso, helping to create a stronger YOU! GYM 210 (Poole) \$60 *No class 9/4*

#### Session One

CLCE 034 A 8215 MW 7/5-8/7 5:30-6:30 p.m.

#### Session Two

CLCE 034 B 8220 MW 8/9-9/13 5:30-6:30 p.m.

### Zumba Fitness

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

#### Session One

CLCE 030 A 8195 TTh 7/6-8/8 5:30-6:30 p.m.

#### Session Two

CLCE 030 B 8196 TTh 8/10-9/14 5:30-6:30 p.m.

### Spin Fitness

Get fit on your lunch break! Bring on the Britney Spears, Lil Jon, and Katy Perry... this will be the sweatiest party you've ever been to! This full body workout rocks to the beat of the music involving sprints, push-ups, climbing hills, hand weights, and core work. This 50 minute class will leave you feeling strong and energized! Get ready to 'hit the corners' and 'tap it back' to transform the way you look and feel. Hop on a stationary bike and join the fun! GYM 212 (Isaacson) \$65

CLCE 037 A 8245 TTh 8/1-8/31 12-12:50 p.m.

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

***Call Mary Harris at 360.442.2602  
for more information!***



### Better Bones and Balance

The Better Bones and Balance course has been designed to gradually improve balance and strength and significantly slow the rate of bone loss. Our classes are safe for individuals with osteoporosis and osteopenia. Bring a pair of indoor shoes, a mat and hand weights (3, 4, or 5 pounds). Classes meet at Youth and Family Link. (Swanson/Bain) \$49

CLCE 036 A 8230 MW 7/10-8/30 7-7:50 a.m.

CLCE 036 B 8235 MW 7/10-8/30 8-8:50 a.m.

CLCE 036 C 8240 MW 7/10-8/30 9-9:50 a.m.

### Beginning Better Bones & Balance

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

CLCE 032 A 8205 MW 7/10-8/30 10-10:50 a.m.

### The Power of Movement: Chair Exercises

(formerly Better Bones and Balance Basic)

This class is for you if you have not exercised for a while, or you're being released from a medical injury. Stretching, strengthening and having fun is the basis for this class. Some standing and lots of chair exercising. The power of movement is what it's all about. Classes meet at the Youth and Family Link Gym. (Bain) \$49

CLCE 033 A 8210 MW 7/10-8/30 11-11:50 a.m.

### Low Impact Aerobics

Increase stamina, flexibility, and cardio endurance in our Low Impact Aerobics class. Movements are gentle on the joints and easy to follow. From beginning to advanced levels of intensity, work at your own pace! Classes meet at the Youth and Family Link Gym. (Bain)

CLCE 031 A Th 7/13-8/31 10:15-11:05 a.m.

\$14 for Better Bones & Balance registered students, item 8200

\$20 Low Impact Aerobics only, item 8201

## Online Learning



Learn More

Ed2go has over 300 instructor-facilitated online courses to choose from. Through well-crafted lessons, expert online instruction, and interaction with fellow students, you gain valuable knowledge at your convenience. Online continuing education courses begin each month and continue for six weeks. You can complete any course wherever you have internet access, any time of the day or night! Most courses are \$99. Visit [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) or call 360.442.2602 for more info.

### Secrets of Better Photography

Discover how to take better pictures by understanding your camera and how to use it in a variety of situations. \$99

### Mastering Digital Photography: Photographing People

Learn to take beautiful pictures of adults, children, and babies. \$99

### Travel Photography for the Digital Photographer

Master the tricks and techniques digital photographers need to capture scenes from locations around the world or in their own hometown. \$99

### Introduction to Digital Scrapbooking

Discover how to make the most of your scrapbooking talents and artistic ideas when you combine digital and traditional scrapbooking techniques. \$99

### Genealogy Basics

This course will teach you where to look, who to contact, and how to use research tools to begin an exciting and fascinating exploration of your roots. \$99

### Write Your Life Story

Learn how to create and distribute an inspirational and professional autobiography for family, friends, and others. \$99.

### Travel Writing

Profit from your experiences in exotic lands (or your own backyard) by learning how to write and sell travel articles and books. \$99.

### 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. \$99.

### Research Methods for Writers

Learn the most efficient and effective methods to conduct research for any writing project. \$99.

### Discover Sign Language

Discover the fun of learning sign language and using your hands to communicate with the deaf. \$99.

### Speed Spanish

Learn six easy recipes to glue Spanish words together into sentences, and you'll be engaging in conversational Spanish in no time. \$99.

### Beginning Conversational French

Discover how easy it can be to learn common words and phrases for both leisure and business. \$99.

### Introduction to Guitar

Master basic guitar skills and become the musician you've always wanted to be. \$99.

### Ready, Set, Read!

A learning specialist shows you how to raise a successful reader and writer. \$99.

### Healthy Living Suite

In this program you'll learn how to establish a healthy approach to successful weight loss and weight maintenance for a lifetime. You'll learn how to save money and prepare home-cooked meals that are fast, easy, and delicious, and how to grow nutritious fruit and vegetables that can be used in your meals. Save \$36 by taking this suite of classes! \$261

### Introduction to Natural Health and Healing

Learn how to promote wellness, balance, and health in all aspects of your daily life. \$99.

### Creative Writing Value Suite

Spark your creativity and get writing with this group of courses. You'll cover everything from creative writing techniques to editing your work. \$261

### Instant Italian

Learn Italian from the comfort of your home in this fun and enjoyable online course. \$99

### Conversational Japanese

Whether you want to learn conversational Japanese for travel or just for fun, you'll find this course makes it easy and enjoyable for beginners to master the essentials of the Japanese language. \$99

### Easy English 1

In this easy and fun course, you'll learn the basic English skills you need for real-life activities including shopping, job-hunting, and handling medical emergencies. \$99

### Grammar Refresher

Whatever your goals, a grasp of English grammar is important if you want to improve your speaking and writing skills. \$99

Go to [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic)  
to register or to see a complete  
catalog of courses

## Business & Professional Development

LCC offers a variety of services supporting workforce development and customized training through the Workforce & Continuing Education Department. Working with area businesses, industries and agencies, LCC offers WorkKeys profiling and assessment services to provide employers, employees and job seekers with direct information regarding the skills needed to succeed in various jobs.

Employees and job seekers can document skill proficiency by taking the three assessments on the National Career Readiness Certificate (NCRC) – Applied Mathematics, Reading for Information and Locating Information. The NCRC is a portable, evidence-based credential that certifies essential skills needed for workplace success.

Support for companies looking for specialized training is also available. LCC frequently works with employers to provide or arrange customized training in a variety of areas, including job-specific Spanish language courses, quality assurance, business computer applications, customer service, and other areas critical to organizational success.

### Small Business Entrepreneur Certification

The Small Business Development Center and Lower Columbia College are partnering to offer a Small Business Entrepreneur Certification. Classes will be offered online and you will meet regularly with Jerry Petrick, Certified Business Advisor with the WSU Small Business Centers. He'll work with you as you explore strategies for business startup; discuss your goals and objectives, and the importance of developing a business plan and creating your market niche.

Online classes begin each month and continue for six weeks. You are expected to sign into your classes weekly and complete lessons as they are assigned.

Contact Jerry at the Longview Small Business Development Center at [jerry.petrick@wsbdc.org](mailto:jerry.petrick@wsbdc.org) or 360.578.5449. Additional information is also available by calling LCC Continuing Education at 360.442.2601 or 360.442.2602.

#### Required Classes:

- Start your Own Small Business
- Creating a Successful Business Plan
- Small Business Marketing on a Shoestring
- Accounting Fundamentals

Small Business Entrepreneur Certification Fee: \$396

To register for these classes go to [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic). Classes are online and begin each month and continue for six weeks. Each required class is \$99.

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

### Certificate in Google Tools-ONLINE

Learn more about Google Analytics, Google apps for business, and Google+. Acquire new tips and techniques to increase productivity, effectiveness, and profitability. These online courses can be accessed anywhere you have internet access. Register at [www.yougotclass.org/catalog.cfm/LCC](http://www.yougotclass.org/catalog.cfm/LCC) \$495

#### Courses include:

- Google Analytics: June 5-30
- Google Apps for Business: July 3-28
- Google+: August 7-September 1

### Social Media for Business Certificate-ONLINE

Get in on this exciting and growing way to communicate, market and serve your customers and clients. For businesses, nonprofits, government, and other organizations. From Facebook to Twitter, blogging, YouTube, LinkedIn, and more, discover the new principles of communication that apply across all networks and how these specific social networks work and the possible uses for your organization. These online courses can be accessed anywhere you have internet access. Register at [www.yougotclass.org/catalog.cfm/LCC](http://www.yougotclass.org/catalog.cfm/LCC) \$495

#### Courses include:

- Introduction to Social Media: June 5-30
- Integrating Social Media in Your Organization: August 7-September 1
- Marketing Using Social Media: July 3-28

*Prepare for your job search  
with our online trainings.*

### Resume Writing Workshop

Transform your resume into a powerful tool that will help get you interviews. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99.

### 12 Steps to a Successful Job Search

World-renowned author and career advisor shows you tips to help you get the job you want quickly and easily and in any economy. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99.

### Career Preparation

This Career Preparation class is designed for people who want to clarify their career options within a specific field or explore possibilities for a career change. The goal of the class is to help participants learn more about careers that match their interests and become more confident about career planning and strategic career moves. Geared for professionals at every career stage. Register at [www.yougotclass.org/catalog.cfm/LCC](http://www.yougotclass.org/catalog.cfm/LCC) Online class runs July 3-28. \$195



## Workforce Training

### ICD-10 Medical Coding-ONLINE

ICD-10 Medical Coding prepares students for the future of medical coding by mastering the steps for using ICD-10-CM and ICD-10-PCS to code medical diagnoses and procedures. You will learn how to use the coding manuals, understand the guidelines, and discover the impact recent coding changes have on healthcare professionals. Register at <http://careertraining.ed2go.com/lccbic> \$1,795

**Visit our Online Career Training Instruction Center  
for a complete catalog of courses at  
<http://careertraining.ed2go.com/lccbic>**

### 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 valid for 3 years. Washington State Flagger Certification Card accepted in WA, OR, ID, and MT, ATSSA National Flagger Certification Card accepted in most other states. 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. Please bring a highlighter. \$75

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

### Nurse Delegation/Nurse Delegation Diabetes

A self-study training course for Nursing Assistants who will accept and perform tasks delegated by a Registered Nurse (RN). For more information, please contact Mary Harris at 360.442.2602 or [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu).

### Continuing Education for Caregivers

Caregivers are required to take 12 hours of Continuing Education per year. All courses are DSHS approved for caregiver continuing education. Family caregivers, nursing students, medical assistants, RNs, and LPNs may also take these courses. Please check with your sponsoring agency to determine the appropriate courses. For more information about caregiver training or a current schedule, please contact Mary Harris at 360.442.2602 or [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu).

### Professional Vocational Relationships-NEW 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. For more information, please contact Heidi Hamer at 360.442.2603 or [hhamer@lowercolumbia.edu](mailto:hhamer@lowercolumbia.edu). Online using Canvas. May start any time prior to June 2, 2017. (Ward) \$125

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 4930 \$40.00

7 hour HIV/AIDS Certification, register for:

SFTY 045 4925 \$65.00



### CDL Training

Lower Columbia College's Corporate and Continuing Education Department is now offering 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). Class A & B with Passenger Endorsement offered Summer 2017. Call for more information.





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

Year **2017**

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

REGISTRATION FORM

\_\_\_\_\_  
\*\*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	AAR 201	Th	7 p.m.	7/6	\$ 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 [entry@lowercolumbia.edu](mailto:entry@lowercolumbia.edu)

## ■ CAREER AND EMPLOYMENT SERVICES

Assess your interests, explore careers, research training, find openings in your field, and get help with career planning in the Admissions Center.

360.442.2330 [lowercolumbia.edu/careercenter](http://lowercolumbia.edu/careercenter)

## ■ CHILD CARE/PRESCHOOL

Child care for children, one month to six years, is available for LCC students, staff, faculty, and community members in The Early Learning Center. Children are cared for in a quality environment while learning skills and concepts based on best practices and current research in Early Childhood Education.

360.442.2890

## ■ COOPERATIVE EDUCATION

Contracted work experience related to a degree or certificate program coordinated with the employer, instructor/coordinator, and student to meet specific learning objectives. See class listings for more information.

## ■ COUNSELING CENTER

Counselors help students with academic, personal, and crisis situations. Find out about student success groups too.

360.442.2311

## ■ DINING

The Fork & Flame café: 8 a.m.-1:30 p.m.; Espresso Bar: 7:30 a.m.-3 p.m. Monday–Thursday. Located in the Student Center.

## ■ DISABILITY SUPPORT SERVICES

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

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

## ■ FINANCIAL AID

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

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

## ■ GED TESTING

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

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

## ■ INSURANCE AVAILABLE TO STUDENTS

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

## ■ LEARNING COMMONS AND LIBRARY

Hours: Monday–Thursday: 8 a.m.-6 p.m.

## ■ PLACEMENT ASSESSMENT

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).

360.442.2353

## ■ RUNNING START

High School juniors and seniors may be eligible to take college classes for credit toward both their high school diploma and their college degree program. Advance planning is required.

360.442.2352

## ■ TECH PREP/CAREER PATHWAYS

High school students can take specific high school courses and receive credit toward both their high school diploma and LCC degree. See your high school counselor for details.

## ■ 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 Dahlke, Director of TRiO Programs, for more information.

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

## ■ TUTORING SERVICES

Tutoring Services provides one-on-one and small group sessions in nearly every discipline including Canvas orientations. Tutors can assist with specific course content, plus general study skills, such as time management, lecture note-taking and textbook reading. Tutoring is offered in the Learning Commons: Monday–Thursday: 8 a.m.-6 p.m.

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

## ■ VETERAN RESOURCE CORNER

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

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

## ■ WITHDRAWAL

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

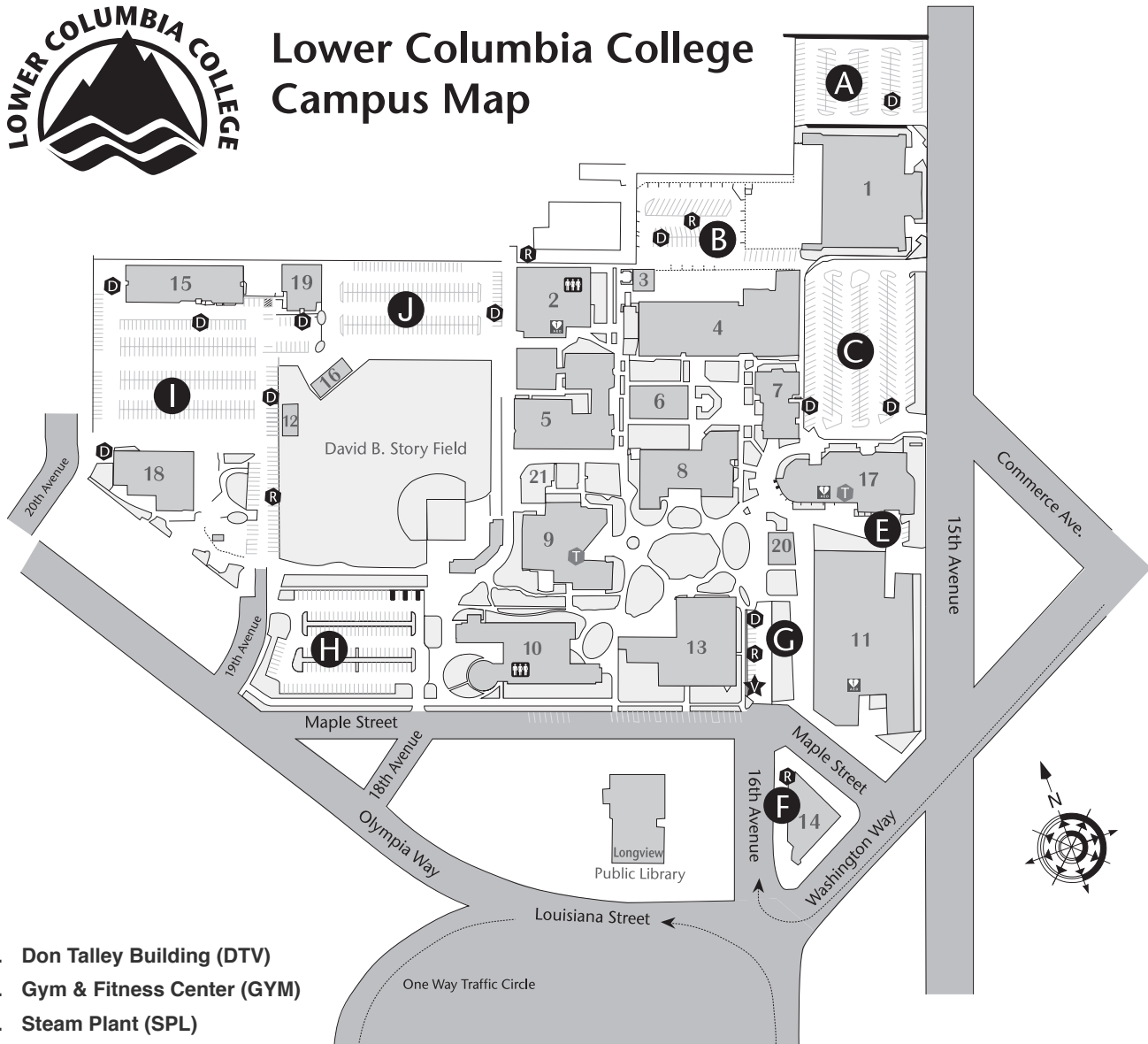
## ■ WORKER RETRAINING

For dislocated workers and others seeking education please visit [www.startnextquarter.org](http://www.startnextquarter.org) or call to sign up for an orientation.

360.442.2330 [workerretraining@lowercolumbia.edu](mailto:workerretraining@lowercolumbia.edu)



# 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

- A - J Parking Lots
- D Disabled Parking
- R Reserved Parking
- M Motorcycle Parking
- T Telephones
- ★ 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.

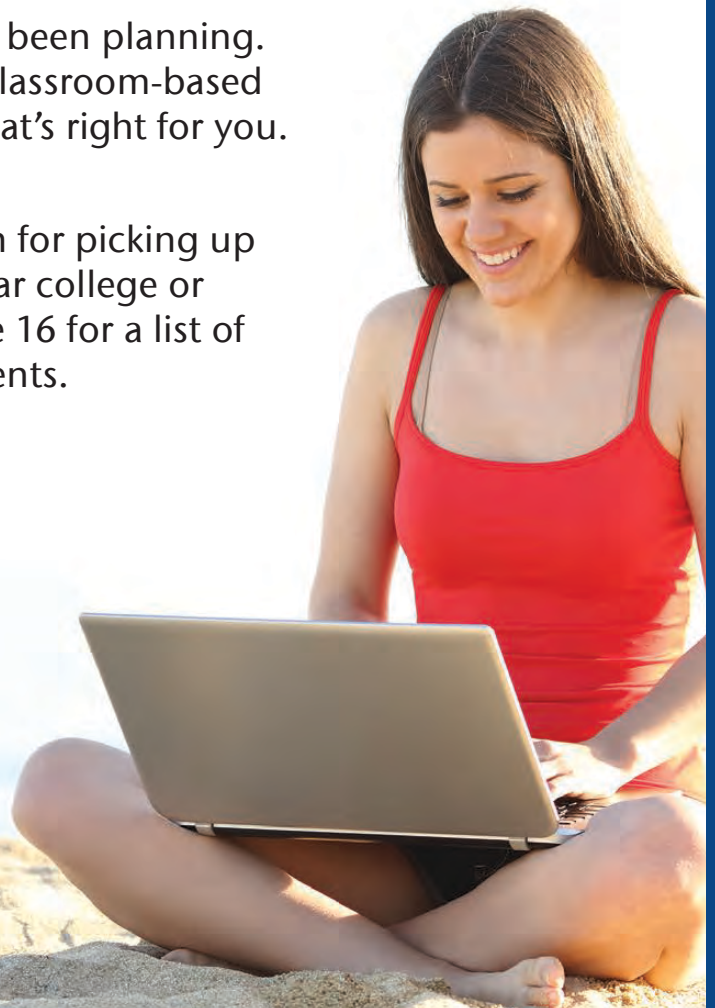
There's no need to skip that vacation you've been planning. We offer a wide variety of online as well as classroom-based courses to help you develop the schedule that's right for you. See page 17 for a list of online courses.

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  
Wednesday, July 5**

Please see page 9 of this schedule or visit [lowercolumbia.edu](http://lowercolumbia.edu) for registration and other important information.

*Get Started Today!*



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