



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

SPRING 2016 CLASS SCHEDULE



SPRING CLASSES BEGIN APRIL 4

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## LCC Office Hours

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

#### Registration and Entry Center –

Monday–Thursday.....	8 a.m.–5 p.m.
Fridays .....	10 a.m.–5 p.m.

#### Cashiering –

Monday–Thursday.....	8:15 a.m.–4 p.m.
Fridays .....	10 a.m.–4 p.m.
(Closed 1-1:30 p.m. for lunch)	

**Financial Aid hours are the same as Registration, except** Wednesdays, when professional 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.*

#### April 4-7 (Monday–Thursday)

Advising, Financial Aid, and Registration will stay open **until 6 p.m.** to serve you. Cashiering will stay open until 5:30 p.m.

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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.

## New Pre-College Math Pathway is a Game Changer

LCC math faculty members Terri Skeie and Joel Stetzer are offering a new kind of pre-college math class specifically tailored for students who are not exactly comfortable with the subject. The new pathway, Math 087/097, is designed for students who don't need to take calculus to meet their degree requirements. The course works well with Math& 107 (Math in Society), Math 131 (Math for Elementary Education), Math 210 (Elements of Statistics) and similar non-calculus based courses.

Rebekah Rossetti and Amber Kiker both jumped at the chance to enroll. Although they are pursuing different degrees, both students give the new pathway rave reviews. According to Rebekah, she no longer dreads going to math class and has shed her previous instinct to just walk out. "Where has this class been all my life? In other math classes, I have felt like everyone else gets it and I'm drowning. In this class, we cheer each other on. It's a very encouraging environment," she said.

It's the second time through the material for Amber. She describes this class as "not at all like" the more traditional math courses she's taken at LCC. "This class is so much different. There is a more fundamental breakdown of the material using words and numbers rather than just numbers," she said. Although Amber is destined to move on to traditional college-level math classes to meet requirements for Eastern Washington University's business program, the knowledge she is gaining in the course is making a huge difference for her. "In this class I'm learning the 'why' of what I'm doing, which makes me more confident in my ability," she said. Although she's been driven to tears out

## THE MAGIC OF MATH

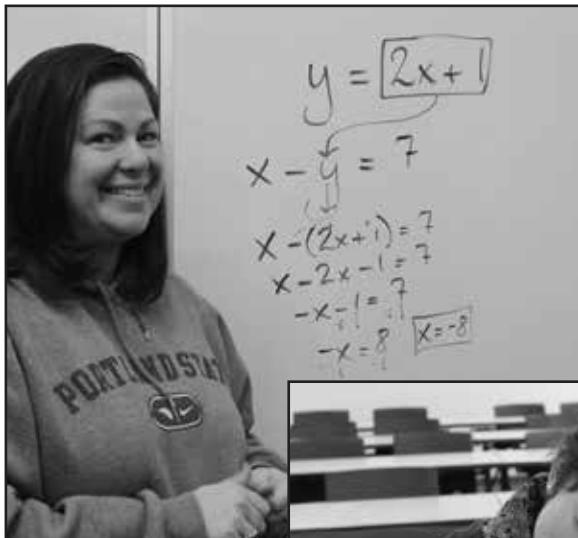
1. Write a number between 1 and 20
2. Double your number
3. Add 6
4. Divide by 2
5. Subtract the original number
6. Check your answer at the bottom of the page

of frustration with previous math classes, she has yet to experience the sensation this quarter.

The new pathway has been a game changer for both students. As an intended nursing student, Rebekah's college math requirement will be statistics. Before the new pathway came along, however, she was

in doubt. "I was contemplating changing majors so I wouldn't have to take math," Rebekah said. Amber was also considering a massive change before she learned of the new pathway. "My grade in Math 088/089 was not great. I thought I was going to have to switch to a DTA and choose a different bachelor's program. Now I can stay on track with my original plan and pursue a degree in business," she said.

LCC is offering two sections of Math 087/097 (Essentials of Pre-College Math II/III) in winter quarter 2016.



Amber Kiker (top) and Rebekah Rossetti (bottom)

(answer: 3)

# HOW TO REGISTER

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

## Current Students

Registration begins March 29, for students who have attended LCC within the last year.

- 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 Friday of the week you register. 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.

## Spring Dates and Deadlines

Priority application deadline for Spring financial aid .....	Feb. 22
Spring application for admission deadline .....	February 22
Priority registration for Spring begins .....	February 29
Open registration for Spring begins.....	March 7
Last day for Spring Administrative Hold .....	March 14
Last day to be added to a Waitlist .....	March 25
First day of classes .....	April 4
Last day of online registration.....	April 6
Last day for 100% tuition refund.....	April 8
Last day for 50% tuition refund.....	April 22
Last day to apply for Spring graduation.....	April 27
Open registration for Summer begins.....	May 2
Summer application for admission deadline .....	May 23
Priority application deadline for Summer financial aid ....	May 24
Last day to withdraw from classes.....	May 27
Memorial Day Holiday .....	May 30
Priority registration for Fall begins .....	May 31
Open registration for Fall begins.....	June 6
Last day of Spring classes.....	June 10
Spring finals .....	June 14-16
Commencement .....	June 17

*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.*

## New Students

Registration begins March 7 for new students. Staff assistance and computers are available in the Student Center.

- 1. Apply for admission**  
Online or in person at the Entry Center.
- 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 planning to earn a degree or certificate or transfer to a four-year institution need to have skill levels assessed before registering for classes. Placement assessments are given at the Admissions Center testing lab. Testing takes approximately three hours. Recommendations based on your results help you select the right classes. Find practice materials online.
- 5. Sign up and attend orientation for advising and to register**  
Schedule your New Student Orientation session by contacting the Admissions Center testing office at 360.442.2353. Advisors will be available and you can also register for classes during orientation. Do some advance planning: bring your program planner(s) and placement test scores, browse the online class schedule, and map out the time you have available for classes and studying.
- 6. Pay your tuition and fees** Tuition and fees must be paid by 4 p.m. on the tuition due date: April 1. 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?

Register at Registration starting March 7. Pay your tuition at the Cashier, pay online or set up a payment plan online.

**Non-credit classes:** Continuing Education class listings and registration information begin on page 37.

## Class Full? Get on the Waitlist!

When a class is full, you may choose to be added to the waitlist through the end of the day, Friday March 25. If openings occur through the third day of the quarter (April 6), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

Being on the waitlist does not guarantee that you'll get in, or that a new section will be made available. Tuition and fee charges will not include waitlisted classes until you are registered in them. Check your waitlist status at [lowercolumbia.edu/online-services](http://lowercolumbia.edu/online-services)

# 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 and fees must be paid by 4 p.m. on the tuition due date: April 1.

## 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

February 29-April 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. If your residency cannot be determined at the time of registration, you will be required to pay non-resident tuition and fees. 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 \$1.30 per credit facilities use fee and applicable lab fees.

2015-2016 Tuition and Fee Schedule					
(Facilities Use, Technology, Tutor Center, Fitness Center Upgrade fees included)					
#	A	B	C	D	E
Cr.	WA State Residents	Oregon Border Residents	US Citizens & INS Permanent Residents	Foreign & US Citizens Not Meeting Req's	Veterans
1	110.80	120.00	124.60	287.31	87.81
2	221.60	240.00	249.20	574.62	175.62
3	332.40	360.00	373.80	861.93	263.43
4	443.20	480.00	498.40	1,149.24	351.24
5	554.00	600.00	623.00	1,436.55	439.05
6	664.80	720.00	747.60	1,723.86	526.86
7	775.60	840.00	872.20	2,011.17	614.67
8	886.40	960.00	996.80	2,298.48	702.48
9	997.20	1,080.00	1,121.40	2,585.79	790.29
10	1,108.00	1,200.00	1,246.00	2,873.10	878.10
11	1,163.95	1,260.42	1,308.65	2,936.23	922.88
12	1,219.90	1,320.84	1,371.30	2,999.36	967.66
13	1,272.10	1,377.51	1,430.20	3,058.74	1,008.69
14	1,324.30	1,434.18	1,489.10	3,118.12	1,049.72
15	1,376.50	1,490.85	1,548.00	3,177.50	1,090.75
16	1,428.70	1,547.52	1,606.90	3,236.88	1,131.78
17	1,480.90	1,604.19	1,665.80	3,296.26	1,172.81
18	1,533.10	1,660.86	1,724.70	3,355.64	1,213.84
19	1,625.27	1,766.75	1,830.70	3,624.32	1,282.97
20	1,717.44	1,872.64	1,936.70	3,893.00	1,352.10
21	1,809.61	1,978.53	2,042.70	4,161.68	1,421.23
22	1,901.78	2,084.42	2,148.70	4,430.36	1,490.36
23	1,993.95	2,190.31	2,254.70	4,699.04	1,559.49

## Miscellaneous Fees for 2015-16

- **Apprenticeship:** \$53 per credit; \$3.49 per clock hour.
- **Computer Lab:** A fee of \$24.00 per class is charged for certain classes identified in the course listing.
- **Facilities Maintenance:** The chart includes a fee of \$1.30 per credit, up to 18 credits (max. \$23.40), 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:** Courses taken to earn a high school diploma are \$53.42 per credit for residents or \$106.84 per credit for non-residents, plus a technology fee of \$3.75/credit, facilities fee of \$1.30/credit, tutoring center fee of \$.50/credit and fitness center upgrade fee of \$2.50/credit.
- **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 \$96.26 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)

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 8 a.m. - 5 p.m.

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

Friday 10 a.m. - 5 p.m.

## Scholarships

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

Scholarships are based on varied criteria, including:

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

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

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

### Need help paying for college? Apply Now for 2016-17 LCC Scholarships

#### Application Dates:

Application Opens: March 28, 2016

Deadline to Apply: April 29, 2016

Awarding Begins: Mid-June, 2016



#### Need Help?

Attend a Scholarship Workshop.  
Details at [lowercolumbia.edu/scholarships](http://lowercolumbia.edu/scholarships)

## 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 (February 29 for Spring Quarter 2016) 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 March 14, 2016 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.

# TRANSFER STUDENTS

## Save Time & Money At LCC

Students who begin a four-year degree at Lower Columbia College save tuition costs as well as room and board, if they live at home. Records show LCC students who transfer earn an average **3.18 GPA** for junior and senior studies at Washington public universities.

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

### Associate Degree Transfer Options

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

Community college transfer students make up nearly half of graduates earning bachelor degrees from Washington public universities.

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

Transfer students graduate in all subjects, including:

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

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

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

#### Notification of Title IV Student Complaint Process

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

### NEW Washington 45

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

#### First Year Transfer List

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

\*Natural Science lab courses.

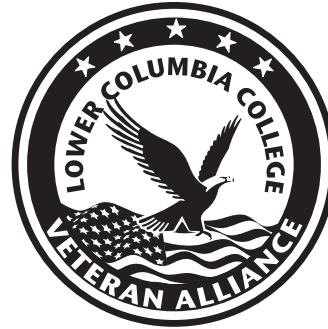
- **Additional 5 credits** in a different discipline can be taken from any category listed above.

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



# Veterans' Services

Lower Columbia College has been designated as a Military Friendly School on the basis of its educational programs, support services and financial assistance dedicated to helping veterans and members of the military succeed in their college goals. The ranking by GI Jobs goes to just the top 15% of colleges in the nation.



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

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

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

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

## The College participates in the following V.A. educational programs

- Post 9/11 GI Bill
- Montgomery GI Bill—Education program based on the veteran's active military service
- Montgomery GI Bill—Selected Reserve program for military reserve and National Guard service
- The V.A. Vocational Rehabilitation program for veterans with service-connected disabilities
- The Survivors and Dependents Educational Assistance program

## Lower Columbia College Veteran Alliance

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

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



## Veterans' Corner

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

**For more information call 360.442.2346**

# Learning Communities

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

### *Fast track to a college certificate & job*

The Integrated Basic Education & Skills Training (I-BEST) program provides hands-on training for high demand job fields, with an extra instructor to help with reading, writing, math, speaking and listening skills in the same class.

You attend class with the same instructors and the same students to learn job skills and to earn college credit toward a certificate in one of six job fields. Students also have available 2-5 hours each week of study sessions with their I-BEST instructors and classmates where they receive hands-on instruction dedicated to helping them succeed.

## **Business Technology**

This 4-quarter certificate program prepares graduates to work in an office setting. All credits can be applied toward the two year AAS degree.

<b>BTEC 104</b>	<b>Introduction to Business Technology</b>
<b>BTEC 112</b>	<b>Word Processing II</b>
<b>BTEC 148</b>	<b>Introduction to Outlook</b>
<b>BUS 101</b>	<b>Introduction to Business</b>
<b>BUS 104</b>	<b>Business Math Applications</b>
<b>BUS 119</b>	<b>Business Communications</b>
<b>BUS 144</b>	<b>Management Human Relations</b>
<b>CS 121</b>	<b>Introduction to Spreadsheets</b>

## **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. You may also work in industrial maintenance, auto, and RV repair.

<b>DHET 104</b>	<b>Vehicle Climate Control</b>
<b>DHET 111</b>	<b>Hydraulic Brakes</b>
<b>DHET 115</b>	<b>Air Brake Systems</b>
<b>DHET 125</b>	<b>H.D. Chassis Maintenance</b>

## **Early Childhood Education**

This certificate and two-year degree program prepares graduates to work in preschool and childcare programs as early childhood education teachers and includes hands on training in the Home and Family Life Center.

<b>ECED 100</b>	<b>Child Care Basics</b>
<b>ECED&amp; 120</b>	<b>Practicum-Nurturing Relationships</b>
<b>ECED 170</b>	<b>Environments Young Child</b>
<b>ECED&amp; 180</b>	<b>Language and Literacy Development</b>
<b>ECED&amp; 190</b>	<b>Observation/Assessment</b>
<b>ECED 263</b>	<b>Practicum VI/Professionalism</b>
<b>EDUC 115</b>	<b>Child Development</b>
<b>EDUC&amp; 150</b>	<b>Child/Family/Community</b>

## **Health Occupations/Nursing Assistant**

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

<b>AH 104</b>	<b>Healthcare Foundations</b>
<b>AH 114</b>	<b>Healthcare Communication Skills</b>
<b>HLTH 100</b>	<b>Occupational Safety and Health</b>
<b>MEDA 101</b>	<b>Medical Vocabulary I</b>
<b>MEDA 102</b>	<b>Medical Vocabulary II</b>
<b>NURS 090</b>	<b>Nursing Assistant</b>

## **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.

<b>ENGL 110</b>	<b>Industrial Communication</b>
<b>MATH 106</b>	<b>Industrial Mathematics</b>
<b>TECH 078</b>	<b>Pre-College Math II</b>
<b>TECH 079</b>	<b>Pre-College Math I</b>

## **Medical Assistant**

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

<b>BTEC 173</b>	<b>Computers in the Medical Office</b>
<b>CS 110</b>	<b>Microcomputer Applications</b>
<b>MATH 105</b>	<b>Mathematics for Health Sciences</b>
<b>MEDA 145</b>	<b>Medical Lab Procedures</b>
<b>MEDA 165</b>	<b>Meds in MEDA &amp; Diseases</b>

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Special programs coordinator Jill Yates will help each student register for the classes they need. Contact her at 360.442.2584 or [jyates@lowercolumbia.edu](mailto:jyates@lowercolumbia.edu)

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## Race, Class, Sex & Gender

Monday-Thursday 9 a.m.-12:35 p.m.

Instructors: David Benson, Nicole DiGerlando, Michael Strayer

*Race, Class, Sex & Gender* presents perspectives from the disciplines of English, political science, and sociology.

Explore major questions such as:

- Is race a myth?
- Is there reverse discrimination?
- What causes racism, prejudice and hate?
- Why are some people poor and some rich?
- Does class equal privilege?
- Does home environment or biology dictate sexual orientation? Femininity? Masculinity?
- Is homosexuality or homophobia a mental disorder?
- Is gender biological or cultural?
- Are there more than two genders?
- Are women smarter than men?
- How pervasive is gender bias in society, in the workplace, in college?
- Does pornography help or hurt society?

You may earn 5 credits of Communications or Humanities and 10 credits of Social Sciences. All are transferable. Talk with your advisor about how this trio of courses fits into your degree plan. Choose one English class, one Political Science and one Sociology.



Sign up for:

**ENGL 102, English Composition II, 5 credits, item 3012**  
 or  
**ENGL 245, Contemporary Literature, 5 credits, item 3022**  
 and  
**POLS& 202, American Government:IS, 5 credits, item 5512**  
 or  
**POLS& 296, Selected Topics in Political Science III, 5 credits, item 5505**  
 and  
**SOC 210, Human Sexuality:IS, 5 credits, item 5653**

Prerequisite: ENGL& 101

## Does Your Class Use Free Or Inexpensive Textbooks?

Alternative Educational Resources (AER) are print or digital, and are free or inexpensive alternatives to commercial textbooks - tailored to the needs of a course.

At Lower Columbia College, AER includes course materials that **cost our students less than \$30** to use and include used textbooks and other physical and digital materials.

## COURSES USING AER — SPRING 2016

### Business & Computer Science

BUS&101 Introduction to Business — 1850, 1855, 1860  
 BUS 119 Business Communications — 1735  
 BUS 144 Human Relations — 1745, 1750, 1755, 1765  
 BUS 245 Principles of Management — 1815  
 BUS 259 Starting a Small Business — 1820, 1825  
 BUS 270 Project Management — 1830  
 BTEC 165 Cultural Awareness/Healthcare — 1655  
 BTEC 155 Website Management — 1840

### Health and Science

BIOL&160 General Biology — 1455, 1460, 1490  
 BIOL& 260 Microbiology — 1530, 1535  
 BIOL&241 Human A&P 1 — 1500  
 BIOL& 242 Human A&P 2 — 1505, 1510  
 CHEM&110 Chemical Concepts — 1940  
 ECED&100 Child Care Basics — 2660  
 NUTR& 101 Nutrition — 5290

### Language & Literature

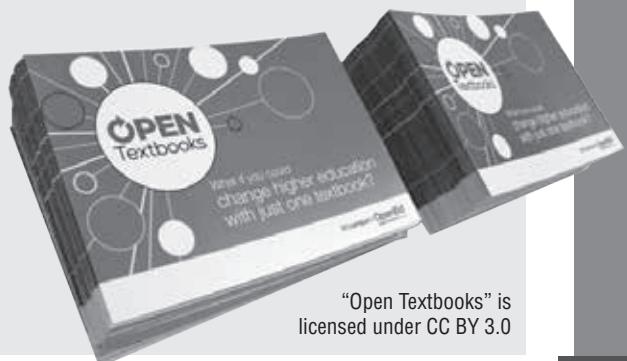
ENGL 98 College Ready English I — 2800, 2805, 2810, 2815, 2820, 2825  
 ENGL 99 College Ready English II — 2835, 2840, 2845, 2850, 2855, 2860  
 ENGL& 101 English Comp I — 2935, 2965, 2925  
 ENGL& 102 English Comp II — 2980, 3012, 3010  
 ENGL 110 Industrial Communication — 2870

### Performing & Visual Arts

DRMA& 101 Introduction to Theatre — 2555  
 DRMA 108 Acting — 2560  
 DRMA 208 Acting — 2585  
 MUSC 100 Fundamentals of Music — 4895  
 MUSC& 105 Music Appreciation — 5065  
 MUSC 108 Group Piano Instruction — 4905  
 MUSC 208 Group Piano Instruction — 4995  
 MUSC 145 Beginning Voice — 4980

### Social Science

ECON 105 Introduction to Economics — 2705, 2710  
 ECON& 201 Microeconomics — 2715  
 ECON& 202 Macroeconomics — 2720  
 PSYC& 100 General Psychology — 5555, 5570  
 SOC& 101 Introduction to Sociology — 5630, 5635, 5640



"Open Textbooks" is licensed under CC BY 3.0

# ONLINE LEARNING @ LCC

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

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

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

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

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

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

## Need help with Canvas?

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

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

#### Learn how to:

- **Change your profile settings in Canvas**
- **Navigate your course**
- **Complete assignments 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

## LCC ONLINE CLASSES – SPRING 2016

ACCT& 203	Principles of Accounting III	COLL 101	First Year Seminar I	MATH 210	Elements of Statistics
ART 228	History/Western Art:DIV	CS 110	Microcomputer Applications	MATH& 107	Math in Society
ART& 100	Art Appreciation:DIV	ECED& 105	Introduction Early Childhood Education	MUSC 117	Music Cultures/World:DIV
BIOL& 160	General Biology	ECED& 160	Curriculum Development	MUSC& 105	Music Appreciation
BIOL& 241	Human A & P 1	ECED& 170	Environments-Young Child	NUTR& 101	Nutrition
BIOL& 242	Human A & P 2	ECON 105	Introduction to Economics	PHED 152	Personalized Fitness
BIOL& 260	Microbiology	EDUC 191	Introduction to Tutoring	PHED 252	Personalized Fitness
BTEC 181	Medical Terminology I	ENGL 098	College-Ready English I	PSYC& 100	General Psychology
BTEC 182	Medical Terminology II	ENGL 099	College-Ready English II	PSYC& 200	Lifespan Psychology
BUS 144	Management/Human Relations:DIV	ENGL 270	Literature for Children	SOC& 101	Introduction to Sociology:DIV
BUS 150	Customer Service/Management	ENGL& 101	English Composition I	*SPAN& 121	Spanish I:DIV
BUS 206	Statistical Methods	ENGL& 102	Composition II	*SPAN& 122	Spanish II:DIV
BUS 245	Principles of Management	ERSI 105	Earth Systems	*SPAN& 123	Spanish III:DIV
BUS 259	Starting/Managing a Small Business	HIST& 136	US History 1	*SPAN& 221	Spanish IV
BUS& 101	Introduction to Business	HIST& 137	US History 2	*SPAN& 222	Spanish V
BUS& 201	Business Law	HLTH 106	Health and Wellness	*SPAN& 223	Spanish VI
CHEM& 110	Chemical Concepts w/Lab	*MATH 088/089	Pre-College Math II	SPCH 110	Introduction to Public Speaking
CHEM& 121	Introduction to Chemistry	*MATH 098/099	Pre-College Math III		

\*These courses do not use Canvas

# Start Next Quarter



## See If You Qualify for Special Funding for College

Special funding, in addition to traditional financial aid, is available to help pay college expenses for individuals seeking job training at Lower Columbia College. Current students, and others who want to train for a new job, can easily see if they might qualify through a new online tool.

### **Start Next Quarter**

Take the 10-minute survey at [www.startnextquarter.org](http://www.startnextquarter.org) to find out if you might qualify for special funding programs that help cover college expenses, including textbooks, transportation and childcare. If you pre-qualify, you can sign-up for an information session where you'll learn about available funding programs, determine your eligibility and submit an application. You'll also learn about:

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

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

### **Worker Retraining**

#### **360.442.2334**

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

### **Opportunity Grant**

#### **360.442.2338**

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

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

#### **360.442.2332**

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

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

#### **Workforce Services**

Dani Trimble, Workforce Services Manager  
[dtrimble@lowercolumbia.edu](mailto:dtrimble@lowercolumbia.edu)

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

Katie Sully, Program Coordinator  
[ksully@lowercolumbia.edu](mailto:ksully@lowercolumbia.edu)

#### **Opportunity Grant**

Heidi Hamer, Program Coordinator  
[hhamer@lowercolumbia.edu](mailto:hhamer@lowercolumbia.edu)

#### **Worker Retraining**

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



## Diversity Classes

To earn a degree at LCC, you must pass a 5-credit Cultural Diversity class. These courses meet the requirement.

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

## Spring 2016 Final Exam Schedule (June 14-16)

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

Class begins between	On these days	Your final exam time will be	On this date
7:00 a.m. - 8:20 a.m.	M, MWF, MW, W, Daily	8:00 a.m. - 10:00 a.m.	June 16
7:00 a.m. - 8:20 a.m.	MTWTh, MTWF, MWThF, TTh	8:00 a.m. - 10:00 a.m.	June 14
9:00 a.m. - 9:50 a.m.	TTh, MTWTh	8:00 a.m. - 10:00 a.m.	June 15
9:00 a.m. - 9:50 a.m.	MWF, MW, Daily	10:10 a.m. - 12:10 p.m.	June 16
9:55 a.m. - 10:50 a.m.	MW, MWF, Daily	10:10 a.m. - 12:10 p.m.	June 14
11:00 a.m. - 11:55 a.m.	MWThF, TTh, MTWTh	10:10 a.m. - 12:10 p.m.	June 15
11:00 a.m. - 11:55 a.m.	MW, MWF, Daily	12:20 p.m. - 2:20 p.m.	June 16
12:00 p.m. - 12:55 p.m.	MW, Daily, MWThF	12:20 p.m. - 2:20 p.m.	June 14
1:00 p.m. - 2:00 p.m.	MWF, MW, W, MTWTh, Daily, MTWF	12:20 p.m. - 2:20 p.m.	June 15
1:00 p.m. - 2:30 p.m.	TTh, Th, T	2:30 p.m. - 4:30 p.m.	June 16
2:40 p.m. - 4:00 p.m.	MWF, MW, M, W	2:30 p.m. - 4:30 p.m.	June 14
2:40 p.m. - 4:00 p.m.	T, TTh	2:30 p.m. - 4:30 p.m.	June 15
Classes not listed above or classes that conflict with other finals		Please contact your instructor for your final exam time	
5:00 p.m.-10:00 p.m.	All Days	During Class	Talk to Instructor

Evening classes meeting once a week will take their final exam at the regular class time during finals week. Evening classes meeting more than once a week will take the final exam at the regular class time on whichever day during finals week the class agrees upon.

Students enrolled in online courses (DE section) are to contact their instructor for final exam information.

Students are not required to take final exams for more than two classes on a single day. If such a conflict arises, students are to contact their instructor to discuss alternative options. If no solution is determined after the initial meeting with the instructor, students may then petition the appropriate division dean. Arrangements must be made by the end of the 8th week of instruction. For assistance please contact the Office of Instruction by calling 360.442.2550. *Exam priorities shall be based on class meeting day order first, then meeting time.*

Final exams will be administered on the day designated on the final exam schedule. If a deviation from the scheduled day is desired, faculty must seek approval from the appropriate division dean. Time changes, unanimously approved by the class, are acceptable.

For any classes that conflict with other final exams please talk to your instructor for more information.

# CLASS LISTINGS

## These initials or symbols on the course listing mean:

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

**D** = Course meets Diversity requirement.

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

**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** = Distance Education. All DE sections have an \$9.10 fee.

**▽** = 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. Boot Camps and Orientation information is on page 12.

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

## Buying Your Books

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

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early. 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 March 7.

### Bookstore Hours

Monday-Thursday 7:30 a.m.-4:30 p.m.  
Friday 7:30 a.m.-2 p.m.

We will be open until 6 p.m. on April 4 and 5

### Spring Book Buyback

June 13, 12-4:30 p.m.  
June 14-16, 8:30 a.m.-4:30 p.m.  
June 17, 8:30 a.m.-1 p.m.

Course # Course Name

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

## Accounting

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

### ACCT 101 INTRODUCTION TO ACCOUNTING CONCEPTS

▽ 1110 A 5 TTh 1:20p.m.-3:20p.m. AAR 103 STANLEY J

### ACCT 150 PAYROLL ACCOUNTING AND TAX REPORTING

1115 A 5 DAILY 8:00a.m.-8:50a.m. AAR 103 RUA D

There is no computer lab fee for this class.

### ACCT& 202 PRINCIPLES OF ACCOUNTING II

▽ 1130 A 5 MW 11:10a.m.-12:35p.m. AAR 103 STANLEY J

Prerequisite: ACCT& 201 with a grade of C or better.

Hybrid class; partially online.

### ACCT& 203 PRINCIPLES OF ACCOUNTING III

▽ 1135 A 5 MW 9:00a.m.-10:25a.m. AAR 103 STANLEY J

Prerequisite: ACCT& 202 with a grade of C or better and basic spreadsheet skills.

Hybrid class; partially online.

▽ 1140 DE 5 ARR ARR STANLEY J

Prerequisite: ACCT& 202 with a grade of C or better and basic spreadsheet skills.

There is no computer lab fee for this class.

Online class.

## Allied Health

### AH 230 MANAGEMENT ISSUES IN HEALTH CARE

▽ 1195 A 1 Th 1:00p.m.-3:30p.m. HSB 248 HAMER J

Hybrid class; partially online.

### EVENING CLASSES

#### AH 104 HEALTHCARE FOUNDATIONS

▽ 1165 NA 2 W 5:15p.m.-7:00p.m. HSB 244 ENGEL E

Hybrid class; partially online.

#### AH 114 HEALTHCARE COMMUNICATION SKILLS

▽ 1190 N 2 Th 5:15p.m.-7:00p.m. HSB 244 ENGEL E

Hybrid class; partially online.

## American Sign Language

### ASL& 123 AM SIGN LANGUAGE III

1415 A 5 TTh 9:00a.m.-11:00a.m. HSB 106 PIETSCH D

D,H

Course # Course Name

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

## Anthropology

<b>ANTH 109 AM CULTURAL DIVERSITY:DIV</b>	<b>D,SS</b>					
▼ 1245 A 5 TTH 9:00a.m.-11:00a.m.	MAN 235	BATEY T				H,P
<b>ANTH&amp; 205 BIOLOGICAL ANTHROPOLOGY</b>	<b>NS</b>					
▼ 1250 A 5 MWF 11:10a.m.-12:35p.m.	MAN 234	BATEY T				WALLACE P

## Art

<b>ART&amp; 100 ART APPRECIATION:DIV</b>	<b>D,H</b>					
▼ 1390 A 5 T 1:20p.m.-3:20p.m.	MAN 146	COOPER R				VANDERMATEN J
Hybrid class; partially online.						
▼ 1395 DE 5 ARR ARR		COOPER R				
Online class.						
<b>ART 101 BEGINNING DRAWING</b>	<b>H,P</b>					
1255 A 3 MW 10:00a.m.-12:50p.m.	MAN 109	NEELY D				
<b>ART 102 INTERMEDIATE DRAWING</b>	<b>H,P</b>					
1265 A 3 MW 10:00a.m.-12:50p.m.	MAN 109	NEELY D				NEELY D
Lab Fee: \$5.90						
<b>ART 103 ADVANCED DRAWING</b>	<b>H,P</b>					
1275 A 3 MW 10:00a.m.-12:50p.m.	MAN 109	NEELY D				
<b>ART 106 BASIC DESIGN</b>	<b>H,P</b>					
1285 A 5 TTh 10:00a.m.-12:00p.m.	MAN 109	KOHLMEIER M				
<b>ART 107 BASIC DESIGN I</b>	<b>H,P</b>					
1290 A 5 TTh 1:00p.m.-3:00p.m.	MAN 109	KOHLMEIER M				
<b>ART 108 BASIC DESIGN II</b>	<b>H,P</b>					
1295 A 3 TTh 1:00p.m.-3:30p.m.	MAN 109	KOHLMEIER M				
<b>ART 111 BEGINNING PAINTING-ACRYLICS</b>	<b>H,P</b>					
▼ 1300 A 3 TTh 9:00a.m.-12:00p.m.	MAN 103	COOPER R				
<b>ART 112 INTERMEDIATE PAINTING-ACRYLICS</b>	<b>H,P</b>					
▼ 1305 A 3 TTh 9:00a.m.-12:00p.m.	MAN 103	COOPER R				
<b>ART 113 ADVANCED PAINTING-ACRYLICS</b>	<b>H,P</b>					
▼ 1310 A 3 TTh 9:00a.m.-12:00p.m.	MAN 103	COOPER R				
<b>ART 155 BEGINNING DIGITAL PHOTO</b>	<b>H,P</b>					
1315 A 5 TTh 12:30p.m.-4:00p.m.	MAN 118	VANDERMATEN				
Lab Fee: \$35.90						
<b>ART 157 INTERMEDIATE DOCUMENTARY PHOTOGRAPHY</b>	<b>H,P</b>					
1320 A 3 TTh 4:30p.m.-7:00p.m.	MAN 118	VANDERMATEN				
Lab Fee: \$35.90						
<b>ART 162 PHOTOSHOP FOR WEB &amp; PRINT</b>						
1330 A 3 MW 1:00p.m.-2:40p.m.	MAN 118	NEELY D				
Basic computer skills required. Computer lab fee will be charged.						
Lab Fee: \$24.00						
<b>ART 228 HISTORY OF WESTERN ART:DIV</b>	<b>D,H</b>					
▼ 1335 DE 5 ARR ARR		FREY T				
Online class.						

<b>ART 241 BEGINNING CERAMIC ART</b>						
1340 A 3 MW 1:00p.m.-3:50p.m.	MAN 104	WALLACE P				
Lab Fee: \$20.80						
<b>ART 242 INTERMEDIATE CERAMIC ART</b>						
1345 A 3 MW 1:00p.m.-3:50p.m.	MAN 104	WALLACE P				
Lab Fee: \$28.30						
<b>ART 243 ADVANCED CERAMIC ART</b>						
1350 A 3 MW 1:00p.m.-3:50p.m.	MAN 104	WALLACE P				
Lab Fee: \$28.30						
<b>ART 290 ART STUDIO LAB-CERAMICS</b>						
1365 MM 1- 3 ARR ARR						
Instructor permission required to enroll.						
Lab Fee: \$28.30						

<b>ART 295 ART LAB-PHOTOGRAPHY</b>						
1370 MM 1- 3 ARR ARR						
Instructor permission required to enroll.						
Lab Fee: \$35.90						
<b>ART 297 PHOTOSHOP INDEPENDENT STUDIES</b>						
1375 MM 1- 3 ARR ARR						
Instructor permission required to enroll.						
<b>ART 299 INDEPENDENT STUDY-ART</b>						
▼ 1380 MM 1- 3 ARR ARR						
Instructor permission required to enroll.						
Lab Fee: \$19.90						
1385 MM1 1- 3 ARR ARR						
Instructor permission required to enroll.						
Lab Fee: \$19.90						

## EVENING CLASSES

<b>ART 101 BEGINNING DRAWING</b>						
1260 N 3 TTh 6:00p.m.-8:50p.m.	MAN 109	KOHLMEIER M				
<b>ART 102 INTERMEDIATE DRAWING</b>						
1270 N 3 TTh 6:00p.m.-8:50p.m.	MAN 109	KOHLMEIER M				
Lab Fee: \$5.90						
<b>ART 103 ADVANCED DRAWING</b>						
1280 N 3 TTh 6:00p.m.-8:50p.m.	MAN 109	KOHLMEIER M				
<b>ART 241 BEGINNING CERAMIC ART</b>						
1262 N 3 MW 6:00p.m.-8:50p.m.	MAN 104	WALLACE P				
Lab Fee: \$28.30						
<b>ART 242 INTERMEDIATE CERAMIC ART</b>						
1264 N 3 MW 6:00p.m.-8:50p.m.	MAN 104	WALLACE P				
Lab Fee: \$28.30						
<b>ART 243 ADVANCED CERAMIC ART</b>						
1266 N 3 MW 6:00p.m.-8:50p.m.	MAN 104	WALLACE P				
Lab Fee: \$28.30						

## Course # Course Name

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

**Automotive Technology**

There is a fee of \$11.90 per student per quarter for all AMTC classes.

**AMTC 104 VEHICLE CLIMATE CONTROL**

1210 A 8 MTWTh 1:00p.m.-4:30p.m. DTV 233 ROESKE G

**AMTC 121 GAS ENGINES I**1215 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C  
Start Date: 04/04/16 End Date: 04/21/16**AMTC 122 GAS ENGINES II**1220 A 1-10 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C  
Start Date: 04/25/16 End Date: 06/09/16**AMTC 202 COMPUTER ENGINE CONTROLS**1225 A 12 MTWTh 7:30a.m.-12:00p.m. DTV 233 ROESKE G  
Prerequisite: AMTC 101,102, and 201, or instructor permission.**AMTC 299 INDEPENDENT STUDY**1240 MM 1-5 ARR ARR DTV 108 ROESKE G  
Instructor permission required to enroll.1242 MM1 1-5 ARR ARR DTV 108 KILE C  
Instructor permission required to enroll.**Biology****BIOL& 160 GENERAL BIOLOGY**

NSL

▼ 1455 A 5 TTh 9:00a.m.-11:00a.m. HSB 123 MYERS L  
Students must also enroll in one of the lab sections, BIOL& 160 LA or LB. Students will not be allowed to enroll in the DE lab sections. (E) Uses Alternative Educational Resources.  
Lab Fee: \$10.20▼ 1460 DE 5 ARR ARR MYERS L  
Students must also enroll in one of the lab sections, BIOL& 160 DEA or DEB.  
Students should be prepared to purchase online lab software called Late Nite Labs.  
The cost for access is \$59.95 (E) Uses Alternative Educational Resources.  
Online class.**BIOL& 160 GENERAL BIOLOGY—LAB**1475 LA 0 F 9:00a.m.-10:50a.m. HSB 304 MYERS L  
1480 LB 0 Th 11:10a.m.-1:00p.m. HSB 304 MYERS L▼ 1465 DEA 0 ARR ARR MYERS L  
Online class.▼ 1470 DEB 0 ARR ARR MYERS L  
Online class.**BIOL 179 HUMAN BIOLOGY & EXERCISE**▼ 1440 A 5 MW 1:10p.m.-3:00p.m. HSB 105 MYERS L  
F 11:10a.m.-1:00p.m. HSB 304 MYERS L

Lab included. Lab Fee: \$17.00

**BIOL& 213 MAJORS BIOLOGY PLANT**

NSL

▼ 1495 A 5 TTh 1:20p.m.-2:35p.m. HSB 105 LAPIERRE L  
TTh 2:50p.m.-4:40p.m. HSB 304 LAPIERRE L

Lab included. Lab Fee: \$13.80

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

NSL

▼ 1500 DE 5 ARR ARR MEYERS R  
No textbook required. Students must also enroll in one of the lab sections, BIOL&

241 DEA or DEB.

(E) Uses Alternative Educational Resources.  
Online class.**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1—LAB**

MEYERS R

Online class.

1504 DEB 0 ARR ARR MEYERS R

Online class.

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

NSL

▼ 1505 A 5 MW 1:20p.m.-2:35p.m. HSB 101 MEYERS R

Prerequisite: BIOL&amp; 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. Students must enroll in one of the lab sections, LA, LB, or LC. No textbook required. (E) Uses Alternative Educational Resources.

Lab Fee: \$13.10

▼ 1510 DE 5 ARR ARR

MEYERS R

Prerequisite: BIOL&amp; 241 with a C or better. Prerequisite waiver may be granted with appropriate documentation to the instructor. Students must enroll in one of the lab sections, DEA or DEB. No textbook required. (E) Uses Alternative Educational Resources.

Online class.

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

NSL

1515 LA 0 Th 9:00a.m.-11:50a.m. HSB 306

DAILEY V

1520 LB 0 F 9:00a.m.-11:50a.m. HSB 306

DAILEY V

1525 LC 0 Th 1:00p.m.-3:50p.m. HSB 306

DAILEY V

1512 DEA 0 ARR ARR

MEYERS R

Online class.

1514 DEB 0 ARR ARR

MEYERS R

Online class.

**BIOL& 260 MICROBIOLOGY**

NSL

▼ 1530 A 5 MW 1:20p.m.-2:35p.m. HSB 123

FULLER K

Prerequisite: BIOL&amp; 160 or BIOL&amp; 211 with a grade of C or better or instructor permission. Students must enroll in one of these lab sections: BIOL&amp; 260 LA or LB. Students will not be allowed to enroll in the DE lab sections.

(E) Uses Alternative Educational Resources.

Lab Fee: \$23.80

▼ 1535 DE 5 ARR ARR

FULLER K

Students must also enroll in one of the lab sections: BIOL&amp; 260 DEA or DEB.

(E) Uses Alternative Educational Resources.

Online class.

**BIOL& 260 MICROBIOLOGY—LAB**

NSL

1550 LA 0 TTh 8:00a.m.-9:50a.m. HSB 302

FULLER K

1555 LB 0 TTh 10:00a.m.-11:50a.m. HSB 302

FULLER K

1540 DEA 0 ARR ARR

HSB

Online class.

1545 DEB 0 ARR ARR

FULLER K

Online class.

**BIOL 298 SPECIAL TOPICS IN HUMAN PHYSIOLOGY**

NSL

1548 A 1 ARR ARR

MEYERS R

## Course # Course Name

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

## EVENING CLASSES

<b>BIOL 109 ENERGY AND LIFE</b>	<b>NSL</b>	<b>SS</b>
1420 N 5 MW 5:15p.m.-8:30p.m.	HSB 135	KEPLER C
Lab included. Lab Fee: \$19.00		
<b>BIOL &amp; 160 GENERAL BIOLOGY W/LAB</b>	<b>NSL</b>	<b>NS</b>
▼ 1490 N 5 W 5:15p.m.-7:30p.m.	HSB 304	FULLER K
Lab included. Lab Fee: \$10.20		
④ Uses Alternative Educational Resources.		
Hybrid class; partially online.		

## Blueprint Reading

## EVENING CLASSES

<b>BLPT 160 BLUEPRINT READING FOR WELDERS</b>	<b>NSL</b>	<b>SS</b>
1565 N 5 MW 5:00p.m.-7:30p.m.	VOC 153	BYRUM R

## Business Administration

<b>BUS&amp; 101 INTRODUCTION TO BUSINESS</b>	<b>SS</b>	<b>SS</b>
▼ 1850 A 5 Th 9:00a.m.-11:00a.m.	AAR 103	CUMMINGS D
Hybrid class; partially online.		
④ Uses Alternative Educational Resources.		
▼ 1855 B 5 T 9:00a.m.-11:00a.m.	AAR 106	STUART M
Hybrid class; partially online.		
④ Uses Alternative Educational Resources.		
▼ 1860 DE 5 ARR ARR		MCLAINE S
Online class.		
④ Uses Alternative Educational Resources.		

## BUS 104 BUSINESS MATH APPLICATIONS

▼ 1725 A 5 MW 11:10a.m.-12:40p.m.	AAR 106	CUMMINGS D
Hybrid class; partially online.		

## BUS 119 BUSINESS COMMUNICATIONS

▼ 1735 A 5 Th 1:20p.m.-3:20p.m.	AAR 106	ALLWINE T
Hybrid class; partially online.		
④ Uses Alternative Educational Resources.		

<b>BUS 144 MANAGEMENT OF HUMAN RELATIONS:DIV</b>	<b>D</b>	<b>D</b>
▼ 1745 A 5 T 9:00a.m.-11:00a.m.	VOC 116	CUMMINGS D
Hybrid class; partially online.		
④ Uses Alternative Educational Resources.		
▼ 1750 B 5 W 1:20p.m.-3:20p.m.	AAR 106	ALLWINE T
Hybrid class; partially online.		
④ Uses Alternative Educational Resources.		
▼ 1755 DE 5 ARR ARR		ALLWINE T
Online class.		
④ Uses Alternative Educational Resources.		

## BUS 150 CUSTOMER SERVICE/MANAGEMENT

▼ 1770 A 5 Th 1:20p.m.-2:45p.m.	AAR 102	MINICK D
Hybrid class; partially online.		
▼ 1775 DE 5 ARR ARR		MINICK D
Online class.		

## BUS 159 PRINCIPLES OF RETAILING

▼ 1780 A 5 T 1:20p.m.-3:20p.m.	AAR 106	STUART M
Hybrid class; partially online.		
▼ 1782 OE 5 ARR ARR		AAR 106
Online class.		STUART M

## BUS&amp; 201 BUSINESS LAW

1865 A 5 TTh 1:20p.m.-3:20p.m.	AAR 104	QUIRK A
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Prerequisite: ENGL& 101 OR BUS 119 with a grade of C or better or Instructor permission.

▼ 1870 DE 5 ARR ARR	QUIRK A
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Prerequisite: ENGL& 101 OR BUS 119 with a grade of C or better or Instructor permission.  
Online class.

## BUS 206 STATISTICAL METHODS

1785 A 5 DAILY 8:00a.m.-8:50a.m.	VOC 111	SWEER
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1790 B 5 MW 1:20p.m.-3:20p.m.	MAN 125	MALOZZI J
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1795 DE 5 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

## BUS 245 PRINCIPLES OF MANAGEMENT

▼ 1815 DE 5 ARR ARR	CUMMINGS D
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Online class. ④ Uses Alternative Educational Resources.

## BUS 259 STARTING/MANAGING A SMALL BUSINESS

▼ 1820 A 5 T 9:00a.m.-11:00a.m.	AAR 103	ALLWINE T
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Hybrid class; partially online. ④ Uses Alternative Educational Resources.

▼ 1825 DE 5 ARR ARR	ALLWINE T
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Online class. ④ Uses Alternative Educational Resources.

## BUS 270 INTRODUCTION TO PROJECT MANAGEMENT

▼ 1830 A 5 T 11:10a.m.-1:10p.m.	AAR 103	ALLWINE T
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Hybrid class; partially online. ④ Uses Alternative Educational Resources.

## BUS 294 CAREER SUCCESS

▼ 1845 A 2 Th 12:00p.m.-12:50p.m.	AAR 104	HOMME S
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Hybrid class; partially online.

## EVENING CLASSES

## BUS 206 STATISTICAL METHODS

1800 N 5 TTh 5:15p.m.-7:20p.m.	MAN 146	RHODE C
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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

## Business Technology

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

## BTEC 104 INTRODUCTION TO BUSINESS TECHNOLOGY

▼ 1573 A 5 MWF 1:20p.m.-2:45p.m.	AAR 109E	GAITHER M
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## BTEC 112 WORD PROCESSING II

▼ 1580 A 5 TTh 9:00a.m.-11:00a.m.	AAR 105	GAITHER M
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▼ 1585 B 5 TTh 1:00p.m.-3:00p.m.	AAR 105	GAITHER M
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## BTEC 148 INTRODUCTION TO OUTLOOK

▼ 1620 A 2 T 10:00a.m.-10:50a.m.	AAR 109C	HOMME S
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Hybrid class; partially online.

## BTEC 165 CULTURAL AWARENESS FOR HEALTHCARE PROFESSIONALS

▼ 1655 A 3 F 9:00a.m.-10:20a.m.	HSB 105	GAITHER M
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Hybrid class; partially online. ④ Uses Alternative Educational Resources.

**Course # Course Name****▽ Item# Sec. # Cred. # Days Time Place Instructor****BTEC 173 COMPUTERS IN THE MEDICAL OFFICE**

▽ 1660 A 3 TTh 1:00p.m.-2:30p.m. AAR 109E MILLUS N  
 ▽ 1665 B 3 TTh 2:30p.m.-4:00p.m. AAR 109E MILLUS N

**BTEC 181 MEDICAL TERMINOLOGY I**

▽ 1675 DE 1- 3 ARR ARR  
 There is no computer lab fee for this class.  
 Online class.

RUIZ D

**BTEC 182 MEDICAL TERMINOLOGY II**

▽ 1685 DE 1- 3 ARR ARR  
 There is no computer lab fee for this class.  
 Online class.

RUIZ D

**BTEC 294 CAREER SUCCESS**

▽ 1720 A 2 Th 12:00p.m.-12:50p.m. AAR 104 HOMME S  
 Hybrid class; partially online.

**EVENING CLASSES****BTEC 163 CPT CODING**

▽ 1645 N 5 MW 5:30p.m.-7:30p.m. AAR 103 REIN J  
 There is no computer lab fee for this class.  
 Hybrid class; partially online.

**Business Technology Lab**

Any new BTEC students enrolled in arranged BTEC classes (shown as "ARR") must check in with the BTEC Lab staff on Monday, April 4 in AAR 109, Lab 5. All (new and returning) BTEC students need to arrange with staff for class-specific orientations. Schedules will be posted in AAR 109, Lab 5 on Monday, April 4.

Please contact the lab at 360.442.2710 if you have any questions.

**BTEC Lab Hours:** Monday – Friday 8 a.m.-2:30 p.m.

**Testing Times:** Monday – Friday 9 a.m.-2 p.m.

Students must have photo ID to use the computer labs. Unless otherwise noted, a computer lab fee is charged for BTEC classes.

**BTEC 100 COMPUTER KEYBOARDING**

1570 P 1- 3 ARR ARR AAR 109 GAITHER M  
 This course is graded on a Pass/Fail basis only. Students must sign up for orientation in AAR 109, Lab 5. Please allow one hour for this orientation.

**BTEC 105 KEYBOARDING SPEED/ACCURACY BUILDING**

1575 P 1- 4 ARR ARR AAR 109 GAITHER M  
 This course is graded on a Pass/Fail basis only.

**BTEC 130 ELECTRONIC CALCULATORS**

1595 P 1- 2 ARR ARR AAR 109 LEMMONS N  
 There is no computer lab fee for this class.

**BTEC 144 ONENOTE FUNDAMENTALS**

▽ 1600 P 1 ARR ARR AAR 109 LEMMONS N

**BTEC 145 INTRODUCTION TO MS WORD**

▽ 1605 P 1- 5 ARR ARR AAR 109 GAITHER M

**BTEC 146 POWERPOINT FUNDAMENTALS**

▽ 1610 P 1- 2 ARR ARR AAR 109 LEMMONS N

**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

▽ 1615 P 1- 3 ARR ARR AAR 109 GAITHER M

**BTEC 149 INTERNET FUNDAMENTALS**

▽ 1630 P 1 ARR ARR AAR 109 GAITHER M

**BTEC 150 INTRODUCTION TO GOOGLE APPS**

▽ 1635 P 1- 3 ARR ARR AAR 109 LEMMONS N

**BTEC 155 WEBSITE MANAGEMENT**

▽ 1640 P 3 ARR ARR AAR 109 GAITHER M

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

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

▽ 1650 P 1- 2 ARR ARR AAR 109 LEMMONS N

There is no computer lab fee for this class.

**BTEC 181 MEDICAL TERMINOLOGY I**

▽ 1680 P 1- 3 ARR ARR AAR 109 LEMMONS N

**BTEC 182 MEDICAL TERMINOLOGY II**

▽ 1690 P 1- 3 ARR ARR AAR 109 LEMMONS N

**BTEC 230 LEGAL TERMINOLOGY**

▽ 1695 P 1- 3 ARR ARR AAR 109 LEMMONS N

**Chemical Dependency****EVENING CLASSES****CDS 101 INTRODUCTION TO ADDICTIONS & CDS**

SS

1875 N 5 MTh 6:00p.m.-8:00p.m. MAN 147 SCHULZ P

**CDS 107 ADOLESCENT DEVELOPMENT**

1880 N 3 F 5:30p.m.-8:00p.m. AAR 103 WALTZ M

Sa 9:00a.m.-4:00p.m. AAR 103 WALTZ M

Class meets Fridays April 15, 29, & May 13, 5:30 p.m.-8:00 p.m. and Saturdays April 16, 30, & May 14, 9:00 a.m.-4:00 p.m.

**CDS 110 ALCOHOL/DRUG PATHOPHYSIOLOGY AND PHARMACOLOGY**

1885 N 3 W 6:00p.m.-8:30p.m. MAN 234 SCHULZ P

Prerequisite: CDS 101, 102, and 113 all with a grade of C or better.

**CDS 111 RECORDKEEPING AND CASE MANAGEMENT**

1890 N 3 M 5:15p.m.-7:45p.m. AAR 104 LORENZO, M

Prerequisite: CDS 101, 102, and 113, all with a grade of C or better.

**CDS 201 DYNAMICS OF FAMILY & CDS**

1895 N 3 Th 5:15p.m.-7:45p.m. AAR 104 CALIMAN J

Prerequisite: CDS 101, 102, 113, and 215 with a C or better.

**CDS 220 CO-OCCURRING DISORDERS**

1900 N 3 T 5:30p.m.-8:00p.m. AAR 104 BOLERJACK J

Prerequisite: CDS 101, 102, and 113, all with a grade of C or better.

Course # Course Name

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

## Chemistry

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

▼ 1940 A 5 MWF 11:10a.m.-12:50p.m. HSB 329 HERBELIN A  
Lab included. Lab Fee: \$13.20 © Uses Alternative Educational Resources.

▼ 1945 DE 5 ARR ARR PECORE J  
Exams must be proctored for this course, using either the LCC testing center or the online option ProctorU, contact the instructor for more information.  
Lab included. Online class.

### CHEM & 121 INTRODUCTION TO CHEMISTRY NSL

▼ 1950 A 5 MW 10:00a.m.-11:00a.m. HSB 123 KEPLER C  
Students must also enroll in one of the lab sections, CHEM & 121 LA or LB.  
Hybrid class; partially online.  
Lab Fee: \$13.20

▼ 1955 DE 5 ARR ARR PECORE J  
CHEM 121 DE includes a lab component which you must complete by using the SP-3005-CK-1 LabPaq. (\$100) Forming lab teams to share cost is encouraged. Details are on Canvas. Course text cost \$29.00 from Flatworld Knowledge. Tests must be proctored.  
Online class.

### CHEM & 121 INTRODUCTION TO CHEMISTRY—LAB

1960 LA 0 Th	9:00a.m.-11:50a.m.	HSB 332	KEPLER C
1965 LB 0 Th	1:20p.m.-4:10p.m.	HSB 332	KEPLER C

### CHEM & 131 INTRODUCTION TO ORGANIC/BIOCHEMISTRY NSL

1970 A 5 MWF	11:10a.m.-12:10p.m.	HSB 105	WOLFER A
T	2:45p.m.-5:35p.m.	HSB 332	WOLFER A

Lab included. Lab Fee: \$13.20

### CHEM & 163 GENERAL CHEMISTRY III NSL

1975 A 5 MWF 9:00a.m.-10:00a.m. HSB 101 WOLFER A  
Students must also enroll for one of the lab sections, CHEM & 163 LA, or LB.  
Lab Fee: \$23.80

### CHEM & 163 GENERAL CHEMISTRY III—LAB

1980 LA 0 T	9:00a.m.-11:50a.m.	HSB 332	WOLFER A
1985 LB 0 W	1:20p.m.-4:10p.m.	HSB 332	WOLFER A

### CHEM 231 QUANTITATIVE ANALYSIS NS

▼ 1920 A 5 ARR ARR HSB 329 HERBELIN A  
Lab included. Contact the instructor at aherbelin@lowercolumbia.edu for class information.

### CHEM & 263 ORGANIC CHEMISTRY W/LAB III NSL

▼ 1995 A 5 MWF 9:00a.m.-9:50a.m. HSB 104 HERBELIN A  
Students must also enroll for one of the lab sections, CHEM & 263 LA or LB.  
Lab Fee: \$23.80

### CHEM & 263 ORGANIC CHEMISTRY W/LAB III—LAB

2000 LA 0 MW	2:20p.m.-4:10p.m.	HSB 329	HERBELIN A
2005 LB 0 TTh	9:00a.m.-10:50a.m.	HSB 329	HERBELIN A

## EVENING CLASSES

### CHEM & 100 PREPARATORY CHEMISTRY

1935 N 5 TTh	6:00p.m.-8:00p.m.	HSB 123	GERICK J
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## College Success

### COLL 101 FIRST YEAR SEMINAR I

▼ 2270 A 2 MW	9:00a.m.-9:50a.m.	VOC 116	SUEK J
▼ 2274 B 2 MW	10:00a.m.-10:50a.m.	AAR 104	RISTER M
▼ 2275 C 2 MW	12:10p.m.-1:00p.m.	AAR 104	RISTER M
▼ 2280 DE 2 ARR	ARR		MYERS L

Online class.

### COLL 102 FIRST YEAR SEMINAR II

▼ 2315 A 2 MW	9:00a.m.-9:50a.m.	AAR 104	RISTER M
▼ 2320 B 2 TTh	1:00p.m.-1:50p.m.	MAN 203	BYKER B
▼ 2325 C 2 MW	1:10p.m.-2:00p.m.	AAR 103	AKINS-FIELDS
▼ 2295 E 2 MW	1:00p.m.-1:50p.m.	MAN 207	RISTER M
▼ 2300 F 2 TTh	2:20p.m.-3:10p.m.	MAN 203	TRIMBLE D
▼ 2290 G 2 TTh	11:10a.m.-12:00p.m.	MAN 203	LEACH M
▼ 2305 HB 2 W	2:20p.m.-3:10p.m.	VOC 111	RISTER M

Hybrid class; partially online.

## Computer Science

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

### CS 100 INTRODUCTION TO INFORMATION SYSTEMS

▼ 2330 A 5 Th	11:10p.m.-1:10p.m.	VOC 119	RIJNHART S
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Students must log into class prior to first Thursday.  
Hybrid class; partially online.

### CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS

▼ 2340 A 3 MW	1:20a.m.-2:35p.m.	AAR 110C	HOMME S
▼ 2345 B 3 MWF	10:00a.m.-10:50a.m.	AAR 110C	HOMME S
▼ 2350 C 3 TTh	11:10a.m.-12:25p.m.	AAR 110C	ROSI D
▼ 2355 DE 3 ARR	ARR		ROSI D

There is no computer lab fee for this class.

Online class.

### CS 111 INTRODUCTION TO WINDOWS

2365 A 4 MW	1:20p.m.-3:20p.m.	HSB 107	DERKACHT D
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### CS 121 INTRODUCTION TO SPREADSHEETS

▼ 2370 A 5 MWF	9:00a.m.-10:25a.m.	AAR 109E	LEMMONS N
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Prerequisite: BTEC 104 or CS 110, Math 089 or BUS 104, or instructor permission.

### CS 122 ADVANCED SPREADSHEET APPLICATIONS

▼ 2375 A 5 MW	11:10a.m.-12:35p.m.	AAR 109E	LEMMONS N
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Hybrid class; partially online.

### CS 130 INTRODUCTION DATABASE APPLICATIONS

▼ 2380 A 5 TTh	9:00a.m.-10:30a.m.	AAR 109E	LEMMONS N
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Prerequisite: CS 121 with a grade of C or better, or instructor permission.  
Hybrid class; partially online.

### CS 143 CONFIGURING WINDOWS OPERATING SYSTEMS

▼ 2385 A 5 Th	1:20p.m.-3:20p.m.	VOC 119	RIJNHART S
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Hybrid class; partially online.

### CS 170 PROGRAMMING FUNDAMENTALS

2390 A 5 MWF	11:10a.m.-12:50p.m.	AAR 105	DERKACHT D
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Prerequisite: MATH 089 with a grade of C or better and knowledge of Windows or instructor permission.

## Course # Course Name

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

## CS 175 EVENT-DRIVEN PROGRAMMING

▼ 2395 A 5 MWF 11:10a.m.-12:35p.m. AAR 110C

ROSI D

Prerequisite: CS 170.

Hybrid class; partially online.

## CS 213 CONFIGURING WINDOWS SERVER INFRASTRUCTURES

▼ 2400 A 5 T 1:20p.m.-3:25p.m. VOC 119 RIJNHART S

Prerequisite: CS 212 or instructor permission.

Hybrid class; partially online.

## CS 260 INTRODUCTION TO NETWORK SECURITY

▼ 2405 A 5 TTh 9:00a.m.-11:00a.m. VOC 117

ROSI D

Hybrid class; partially online.

## CS 280 ADVANCED DATA STRUCTURES

2420 A 5 TTh 3:00p.m.-5:00p.m.

AAR 105

DERKACHT D

## Cooperative Education

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

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

To enroll in a Cooperative Education program, students must have prior permission from an instructor in the appropriate program and the Workforce Services Manager, Dani Trimble. For information, contact Dani at 360.442.2622, email [dtrimble@lowercolumbia.edu](mailto:dtrimble@lowercolumbia.edu) or stop by the Career Center, Admissions Building 120

Cooperative Education 288 students must attend a mandatory orientation either 3-4 p.m. or 5:30-6:30 p.m. on March 24, 2016. Orientations will be held in the Health Science Building, Room 107.

Cooperative Ed 288 students also must 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 12-1 in the Main Building, Room 125. A \$14.30 lab fee will be charged for all 288 classes.

ACCT	288	1120	CJ	288	2030	LIBR	288	4360
ACCT	289	1125	CJ	289	2035	LIBR	289	4365
AH	288	1200	DHET	288	2510	MASP	288	4450
AH	289	1205	DHET	289	2515	MASP	289	4455
AMTC	288	1230	ECED	288	2650	MATH	288	4730
AMTC	289	1235	ECED	289	2655	MATH	289	4735
ART	288	1355	EDUC	288	2735	MEDA	288	4875
ART	289	1360	EDUC	289	2740	MEDA	289	4880
BIOL	288	1425	ENGR	288	3030	MUSC	288	5055
BIOL	289	1430	ENGR	289	3035	MUSC	289	5060
BUS	288	1835	ENVS	288	3075	PSYC	288	5535
BUS	289	1840	ENVS	289	3080	PSYC	289	5540
BTEC	288	1710	FISC	288	3655	SPCH	288	5775
BTEC	289	1715	FISC	289	3660	SPCH	289	5780
CDS	288	1905	HLTH	288	3850	WELD	288	6125
CDS	289	1910	HLTH	289	3855	WELD	289	6130
CHEM	288	1925	HDEV	288	3760			
CHEM	289	1930	HDEV	289	3765			
CS	288	2430	ICP	288	4155			
CS	289	2435	ICP	289	4160			

## Criminal Justice

## CJ 185 COMMUNITY POLICING/RELATIONS

2020 A 5 TTh 1:20p.m.-3:20p.m. VOC 112 HAMILTON A

## EVENING CLASSES

## CJ 260 PHYSICAL EVIDENCE AND CRIMINALISTICS

2025 N 5 MW 6:00p.m.-8:00p.m. MAN 235 MILOSEVICH M

## Dance

## DANCE 153 SHOW DANCE III

H,P

▼ 2450 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 139 CHALLEED G

## DANCE 253 SHOW DANCE VI

H,P

▼ 2455 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 139 CHALLEED G

## Diesel/Heavy Equipment Technology

There is a fee of \$11.90 per student per quarter for all DHET classes.

## DHET 104 VEHICLE CLIMATE CONTROL

2460 A 8 MTWTh 1:00p.m.-4:30p.m. DTV 233 ROESKE G

## DHET 111 HYDRAULIC BRAKES

2470 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K

Start Date: 04/04/16 End Date: 04/25/16

## DHET 115 AIR BRAKE SYSTEMS

2480 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K

Start Date: 04/26/16 End Date: 05/17/16

## DHET 125 H.D. CHASSIS MAINTENANCE

2490 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K

Start Date: 05/18/16 End Date: 06/09/16

## DHET 220 HEAVY DUTY POWER TRAINS

2500 A 10 MTWTh 12:00p.m.-4:30p.m. DTV 106A DILLINGER J

Start Date: 04/04/16 End Date: 05/19/16

## DHET 230 ADVANCED SHOP PRACTICES

2505 A 5 MTWTh 12:00p.m.-4:30p.m. DTV 106A DILLINGER J

Prerequisite: Completion of 60 DHET credits.

Start Date: 05/23/16 End Date: 06/09/16

## DHET 299 INDEPENDENT STUDY

2520 MM 2 ARR ARR ECKLUND K

Course # Course Name

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

## Drafting

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

### EVENING CLASSES

**DRFT 151 INTRODUCTION TO CAD**

2530 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K  
Four hours lab time per week to be arranged with the instructor.

**DRFT 210 ADVANCED TECHNICAL GRAPHICS**

2535 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

**DRFT 252 3D COMPUTER AIDED DRAFTING**

2540 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

**DRFT 260 SURVEY OF CIVIL AND ARCHITECTURAL GRAPHICS**

2545 N 3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

**DRFT 299 INDEPENDENT STUDY**

2550 MM 3 ARR ARR VOC 113 ROGERS K

## Drama

**DRMA& 101 INTRODUCTION TO THEATRE**

2555 A 5 TTh 10:00a.m.-12:30p.m. RCA 218 H,P RICHARD B  
④ Uses Alternative Educational Resources.

**DRMA 108 INTRODUCTION TO ACTING III**

2560 A 5 TTh 1:00p.m.-3:30p.m. RCA 139 H,P RICHARD B  
④ Uses Alternative Educational Resources.

**DRMA 116 STAGE CRAFTS I**

2565 A 5 TTh 1:00p.m.-3:30p.m. RCA 148 COCHRAN R

**DRMA 117 STAGE CRAFTS II**

2570 A 5 TTh 1:00p.m.-3:30p.m. RCA 148 COCHRAN R

**DRMA 118 STAGE CRAFTS III**

2575 A 5 TTh 1:00p.m.-3:30p.m. RCA 148 COCHRAN R

**DRMA 208 ACTING III**

2585 A 5 TTh 1:00p.m.-3:30p.m. RCA 139 H,P RICHARD B  
④ Uses Alternative Educational Resources.

### EVENING CLASSES

**DRMA 198 REHEARSAL & PERFORMANCE III**

2580 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.

**DRMA 298 REHEARSAL & PERFORMANCE VI**

2590 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 RICHARD B  
Enrollment restricted to students in current production.

## Early Childhood Education

**ECED 089 MATH METHODOLOGY FOR EDUCATORS II**

▼ 2601 A 1 M 3:00p.m.-3:50p.m. SCI 102 SPAIN A

**ECED& 100 CHILD CARE BASICS**

▼ 2660 A 3 Sa 9:00a.m.-2:00p.m. SCI 102 AKINS-FIELDS  
Class meets on Saturday, April 9, 16 and 30, 2016 ④ Uses Alternative Educational Resources.

Hybrid class; partially online.

**ECED& 120 PRACTICUM-NURTURING RELATIONSHIPS**

▼ 2670 A 2 W 12:00p.m.-1:00p.m. SCI 102 AKINS-FIELDS

**ECED 170 ENVIRONMENTS YOUNG CHILD**

▼ 2610 A 3 Th 8:30a.m.-10:30a.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.

**ECED& 180 LANG/LITERACY DEVELOP**

▼ 2685 A 3 T 9:00a.m.-12:00p.m. SCI 102 WILLIAMSON A

**ECED& 190 OBSERVATION/ASSESSMENT**

▼ 2695 A 3 F 8:30a.m.-10:00a.m. SCI 102 ZBAEREN J  
Instructor permission required to enroll.

Hybrid class; partially online.

**ECED 219 MATH, SCIENCE AND COMPUTERS IN ECED**

▼ 2630 A 3 M 12:00p.m.-3:00p.m. SCI 102 WILLIAMSON A

**ECED 263 PRACTICUM VI/PROFESSIONALISM**

▼ 2640 A 3 W 2:00p.m.-3:00p.m. SCI 102 WILLIAMSON A

### EVENING CLASSES

**ECED 137 HEALTHY PHYSICAL DEVELOPMENT**

▼ 2603 N 1 ARR 6:30p.m.-8:30p.m. SCI 102 AKINS-FIELDS  
Contact instructor at sakins-fields@lowercolumbia.edu for class meeting dates.

**ECED 138 RESPONSIVE LEARNING ENVIRONMENTS**

▼ 2605 N 1 Th 6:30p.m.-8:30p.m. SCI 102 AKINS-FIELDS  
Contact instructor at sakins-fields@lowercolumbia.edu for class meeting dates.

## Earth Science

**ERSI 105 EARTH SYSTEMS**

NSL

BARD E

▼ 3085 DE1 5 ARR ARR

④ Uses Alternative Educational Resources.

Online class.

▼ 3090 DE2 5 ARR ARR

BARD E

④ Uses Alternative Educational Resources.

Online class.

## Course # Course Name

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

**Economics****ECON 105 INTRODUCTION TO ECONOMICS SS**▼ 2705 A 5 MTWTh 11:10a.m.-12:00p.m. MAN 146 FRANZ J  
④ Uses Alternative Educational Resources.▼ 2710 DE 5 ARR ARR FRANZ J  
④ Uses Alternative Educational Resources.  
Online class.**ECON& 201 MICRO ECONOMICS SS**▼ 2715 A 5 TTh 9:00a.m.-10:25a.m. MAN 233 FRANZ J  
④ Uses Alternative Educational Resources.  
Hybrid class; partially online.**ECON& 202 MACRO ECONOMICS SS**▼ 2720 DE 5 T ARR FRANZ J  
④ Uses Alternative Educational Resources.  
Online class.**ENGR& 123 ENGINEERING GRAPHICS III**3050 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 MORRISON D  
Prerequisite: ENGR& 122 or instructor permission.**ENGR& 224 THERMODYNAMICS**

▼ 3058 A 5 TTh 3:00p.m.-5:00p.m. HSB 137 LIVINS P

**ENGR& 225 MECHANICS OF MATERIALS**

3060 A 5 MWF 7:30a.m.-8:55a.m. HSB 135 MORRISON D

**English****ENGL 096 READING WORKSHOP I**2790 A 2 MWF 3:00p.m.-3:50p.m. MAN 146 LEACH M  
Start Date: 04/18/16 End Date: 06/10/16**ENGL 097 READING WORKSHOP II**2795 A 2 MWF 3:00p.m.-3:50p.m. MAN 146 LEACH M  
Start Date: 04/18/16 End Date: 06/10/16**ENGL 098 COLLEGE READY ENGLISH I**▼ 2805 B 5 MWF 9:00a.m.-10:25a.m. AAR 110C HAYNES J  
④ Uses Alternative Educational Resources.▼ 2810 C 5 DAILY 9:00a.m.-9:50a.m. AAR 129 CONNOLLY B  
④ Uses Alternative Educational Resources.▼ 2815 DE 5 ARR ARR LEMIERE A  
④ Uses Alternative Educational Resources.  
Online class.▼ 2820 E 5 DAILY 10:00a.m.-10:50a.m. AAR 129 CONNOLLY B  
④ Uses Alternative Educational Resources.▼ 2825 F 5 MWF 1:20p.m.-2:45p.m. MAN 147 HAYNES J  
④ Uses Alternative Educational Resources.**ENGL 099 COLLEGE READY ENGLISH II**2835 A 5 DAILY 8:00a.m.-8:50a.m. MAN 147 STOWELL B  
④ Uses Alternative Educational Resources.▼ 2840 B 5 MWF 9:00a.m.-10:25a.m. AAR 110C HAYNES J  
④ Uses Alternative Educational Resources.▼ 2845 C 5 DAILY 9:00a.m.-9:50a.m. AAR 129 CONNOLLY B  
④ Uses Alternative Educational Resources.▼ 2850 DE 5 ARR ARR LEMIERE A  
④ Uses Alternative Educational Resources.  
Online class.▼ 2855 E 5 DAILY 10:00a.m.-10:50a.m. AAR 129 CONNOLLY B  
④ Uses Alternative Educational Resources.▼ 2860 F 5 MWF 1:20p.m.-2:45p.m. MAN 147 HAYNES J  
④ Uses Alternative Educational Resources.**ENGL& 101 ENGLISH COMPOSITION I**▼ 2925 A 5 DAILY 8:00a.m.-8:50a.m. MAN 235 NORWOOD K  
④ Uses Alternative Educational Resources.▼ 2930 B 5 MWF 9:00a.m.-10:25a.m. AAR 130 HULL K  
④ Uses Alternative Educational Resources.▼ 2935 C 5 TTh 9:00a.m.-11:00a.m. MAN 203 STOWELL B  
④ Uses Alternative Educational Resources.▼ 2945 DE 5 ARR ARR FRANCKIEWICZ  
Online class.

▼ 2955 E 5 MWF 11:10a.m.-12:35a.m. AAR 130 HULL K

▼ 2965 G 5 TTh 1:20p.m.-3:20p.m. AAR 128 LEMIERE A  
④ Uses Alternative Educational Resources.**Education****EDUC& 115 CHILD DEVELOPMENT**▼ 2750 A 5 T 12:00p.m.-2:30p.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.**EDUC& 140 EDUCATION AND THE LAW**

2763 A 3 TTh 10:30a.m.-12:00p.m. MAN 145 QUIRK A

**EDUC& 150 CHILD/FAMILY/COMMUNITY**▼ 2765 A 3 Th 12:00p.m.-2:30p.m. SCI 102 ZBAEREN J  
Hybrid class; partially online.**EDUC 191 INTRODUCTION TO TUTORING**▼ 2725 DE 1 ARR ARR WILLIAMSON A  
Instructor permission required to enroll.  
Online class.**EDUC& 205 INTRODUCTION TO EDUCATION W/FIELD EXPERIENCE:DIV D**▼ 2785 A 5 MW 9:00a.m.-10:30a.m. SCI 102 WILLIAMSON A  
This class includes participation in actual elementary classrooms in addition to class meeting times.**Engineering**

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

**ENGR 106 ENGINEERING PROBLEMS NS**3025 A 3 MF 1:20p.m.-3:50p.m. HSB 104 GERICK J  
Lab Fee: \$41.80**ENGR& 121 ENGINEERING GRAPHICS I**

3040 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 MORRISON D

**ENGR& 122 ENGINEERING GRAPHICS II**3045 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 MORRISON D  
Prerequisite: ENGR& 121 or instructor permission.

# Spring Events at Lower Columbia College



## ROSE CENTER FOR THE ARTS

### ART GALLERY

Dorothy McGuinness,  
Ruth Lantz  
April 6 - 28

Opening Reception:  
April 5, 4-6 p.m.  
• • •

Student Art Show  
May 25 - June 3  
Opening Reception:  
May 24, 4-6 p.m.

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

### THEATRE

#### Coming Soon!

Spring Production TBA  
Center Stage Theatre

Friday May 27	7:30 p.m.
Saturday May 28	7:30 p.m.
Sunday May 29	2:00 p.m.
Thursday June 2	7:30 p.m.
Friday June 3	10:00 a.m.
Friday June 3	7:30 p.m.
Saturday June 4	7:30 p.m.

For updated information:  
[lowercolumbia.edu/aande](http://lowercolumbia.edu/aande)

### CONCERTS

**Voice Recital**  
May 31

**Symphonic Band**  
June 3

**Jazz Night**  
June 7

**Choir Concert**  
June 10



## Meet the Faculty

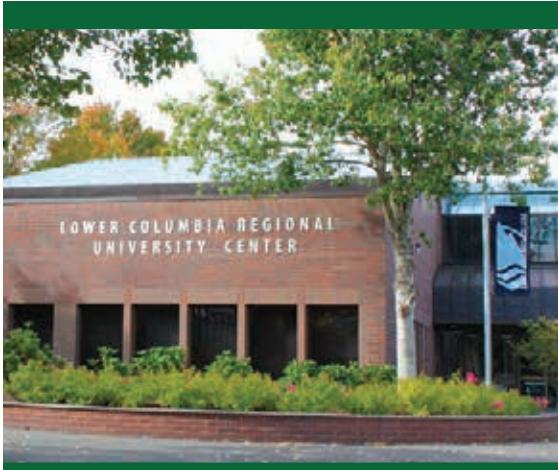
**Rob Davis** directs the LCC Symphonic Band, teaches music theory, and chairs the performing and visual arts department. After graduating with honors from Brigham Young University, Rob earned a Doctor of Musical Arts degree from the University of Southern California. While at USC, Rob was honored to receive the Pi Kappa Lambda National Music Honor Society's Outstanding Musical and Academic Achievement Award.

In addition to his duties at LCC, Rob has been the conductor and musical director of the Southwest Washington Symphony since 2013. He has directed bands, choirs, and orchestras of all sizes and levels.

A French horn player by specialty and prize-winner in five national solo and chamber music competitions, Rob has played horn with the Utah Symphony, the Utah Chamber Orchestra, the Orchestra at Temple Square, and numerous theatrical orchestras. He has also performed on over 100 recording studio projects for films, television programs, advertisements, and video games.

Rob has performed in concert with a diverse array of musicians, including Frederica von Stade, The King's Singers, Peter Cetera, Debbie Reynolds, Lone Star, Lucy Lawless, and Jason Castro. Performance tours have taken Rob to Italy, Germany, Slovenia, Greece, England, Scotland, and Wales.





# Don't let **DISTANCE** keep you from your **BACHELOR'S DEGREE** or Master's!

## LCC Honor Student Benefits from U-Center Partnership

When 2016 Scholastic Achievement Award winner Zachary Sarmiento enrolled at LCC, he didn't know that one day he'd be earning his bachelor's degree. LCC's partnership with Eastern Washington University (EWU) through the campus-based University Center allowed him to do just that, all without having to leave home or take on the high cost of a residential college.

After graduating with honors from LCC last spring, Zachary enrolled in EWU's Applied Technology Bachelor's program. Although the transition from community college to university was a challenge, he credits the support of staff from both institutions with helping him through the process.



Zachary Sarmiento receives his associate degree from LCC President Chris Bailey in spring 2015

*EWU being available through LCC has opened up doors for me like I never thought it could. It truly is a blessing. It still is shocking to me that I could be attending a school to acquire my bachelors. It's a dream come true.*

*Zachary Sarmiento*

Zachary works two jobs in addition to going to school, which is made possible by the flexible scheduling offered by EWU. His favorite aspect of the Applied Technology program is the application of technical knowledge to real world situations. He is learning to communicate and express ideas about technology that he wasn't able to before enrolling in the program, a skill that will definitely benefit him in the workplace. Zachary's career plans include becoming an end-user specialist in the field of Information Technology.

### City University of Seattle

- Bachelor of Arts in Elementary Education and Teacher Certification
- Bachelor of Science in Criminal Justice
- Bachelor of Science in Information Systems

**Advising:** Daria Lall

darialall@cityu.edu, 360.449.6721

### Eastern Washington University

- Bachelor of Arts in Interdisciplinary Studies
- Bachelor of Science in Applied Technology
- Bachelor of Arts in Business Administration
- Bachelor of Arts in Children's Studies
- Master of Business Administration

**Advising:** Geonna Joy

gjoy2@ewu.edu, 360.353.7811

### Warner Pacific College

- Bachelor of Science in Human Development
- Bachelor in Healthcare Administration
- Master of Organizational Leadership

**Advising:** Ian A. Triana

itriana@warnerpacific-adp.com, 503.517.1579

### Washington State University Vancouver

- Bachelor of Science in Nursing

**Advising:** Jenny Schrock

Academic Coordinator, WSUV-Nursing  
schrock@vancouver.wsu.edu, 360.546.9618

**You can also contact the University Center staff to make appointments:**

**360.353.7800**

## Course # Course Name

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

## ENGL &amp; 102 COMPOSITION II

2970 A 5 MW 9:00a.m.-11:00a.m. AAR 106 ROOSE J  
 ▼ 2975 B 5 TTh 9:00a.m.-11:00a.m. MAN 205 BAUER H  
 ▼ 3010 C 5 MWF 9:00a.m.-10:25a.m. AAR 128 NORWOOD K

④ Uses Alternative Educational Resources.

▼ 2985 DE1 5 ARR ARR MCCARTHY D  
 Online class.

▼ 2990 DE2 5 ARR ARR MCCARTHY D  
 Online class.

▼ 2980 F 5 MW 11:10a.m.-1:10p.m. AAR 128 FRANKIEWICZ  
 ④ Uses Alternative Educational Resources.

▼ 3000 G 5 TTh 1:20p.m.-3:20p.m. MAN 205 BAUER H  
 ▼ 3012 IS 5 MTWTh 9:00a.m.-12:00p.m. MAN 119 DIGERLANDO N

IS: "Race, Class, Sex & Gender." Students must enroll in POLS & 202 IS, #5512, or  
 POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or ENGL  
 245 IS, #3022 for a total of 15 credits. ④ Uses Alternative Educational Resources.

## ENGL 110 INDUSTRIAL COMMUNICATION

▼ 2870 A 5 MW 1:20p.m.-3:20p.m. AAR 108 DIGERLANDO N  
 ④ Uses Alternative Educational Resources.

2875 B 5 TTh 1:20p.m.-3:20p.m. MAN 234 ROOSE J

## ENGL 126 ARTS MAGAZINE PUBLICATION III

2885 A 2 F 1:00p.m.-3:00p.m. MAN 148 H, P  
 BAUER H  
 Students must arrange one additional hour lab time per week.

## ENGL 226 ARTS MAGAZINE PUBLICATION VI

2890 A 2 F 1:00p.m.-3:00p.m. MAN 148 H, P  
 BAUER H  
 Students must arrange one additional hour lab time per week.

## ENGL 231 CREATIVE WRITING

▼ 2895 A 5 TTh 1:20p.m.-3:20p.m. MAN 207 H  
 HULL K

## ENGL 232 CREATIVE WRITING

▼ 2900 A 5 TTh 1:20p.m.-3:20p.m. MAN 207 H  
 HULL K

## ENGL 233 CREATIVE WRITING

▼ 2905 A 5 TTh 1:20p.m.-3:20p.m. MAN 207 H  
 HULL K

## ENGL &amp; 244 AMERICAN LITERATURE I

▼ 3020 A 5 MWF 9:00a.m.-10:25a.m. MAN 233 H  
 BAUER H

## ENGL 245 CONTEMPORARY LITERATURE

▼ 3022 IS 5 MTWTh 9:00a.m.-12:00p.m. MAN 119 DIGERLANDO N  
 IS: "Race, Class, Sex & Gender." Students must enroll in POLS & 202 IS, #5512, or  
 POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or ENGL  
 245 IS, #3022 for a total of 15 credits.

## ENGL 270 LITERATURE FOR CHILDREN

▼ 2915 DE1 5 ARR ARR H  
 Online class.

▼ 2920 DE2 5 ARR ARR H  
 Online class.

## EVENING CLASSES

## ENGL &amp; 101 ENGLISH COMPOSITION I

▼ 2967 N 5 T 5:15p.m.-7:20p.m. AAR 110 ROOSE J

## Environmental Science

## ENVS 215 ENVIRONMENTAL ISSUES &amp; APPLICATIONS

NSL

▼ 3065 A 5 W 12:00p.m.-4:00p.m. HSB 135 LAPIERRE L  
 Hybrid class; partially online.  
 Lab Fee: \$13.20

## Fire Science

A \$15.00 per credit fee to a maximum of \$150.00 is charged for all  
 FISC classes, unless otherwise noted.

## FISC 206 HAZARDOUS MATERIALS

▼ 3635 A 3 T 1:30p.m.-4:00p.m. DTV 202 MACK B  
 A state certification, IFSAC, will be offered at the end of the class. Contact  
 360.442.2871 for more information.

## FISC 224 FIRE SERVICE INSTRUCTOR I

▼ 3645 MM 3 ARR ARR MACK B

## FISC 255 FIRE FIGHTING TACTICS

▼ 3650 A 3 W 1:30p.m.-4:00p.m. DTV 202 MACK B

## EVENING CLASSES

## FISC 125 FIRE SERVICE RESCUE

▼ 3625 N 5 T 5:15p.m.-7:45p.m. DTV 202 MACK B  
 Class will meet three Saturdays. Contact the instructor for dates at  
 bmacck@lowercolumbia.edu. For more information call 360.442.2871.

## Geology

## GEOL 118 HISTORICAL GEOLOGY

3665 A 5 MW 11:10a.m.-12:00p.m. HSB 139 CORDERO D  
 TTH 12:00p.m.-1:50p.m. HSB 139 CORDERO D

Lab included. Lab Fee: \$13.20

Course # Course Name

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

## 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 3 or 5 credits.

HSC 075	INTRODUCTION TO DRAMA	4000
HSC 076	FAMILY LIFE	4005
HSC 079	MATH CONCEPTS-GEOMETRY	4015
HSC 080	MATH CONCEPTS-ALGEBRA	4020
HSC 081	CULMINATING PROJECT	4025
HSC 083	CAREER PLANNING	4030
HSC 085	HEALTH	4035
HSC 086	INTRODUCTION TO LITERATURE	4040
HSC 087	INTRODUCTION TO POETRY	4045
HSC 088	INTRODUCTION TO WRITING	4050
HSC 089	ENGLISH ESSENTIALS	4055
HSC 090	NATURAL HAZARDS	4060
HSC 091	ENVIRONMENTAL SCIENCE	4065
HSC 092	US GOVERNMENT	4070
HSC 093	US HISTORY I	4075
HSC 094	US HISTORY II	4080
HSC 095	WASHINGTON STATE HISTORY	4085
HSC 096	CONTEMPORARY WORLD PROBLEMS	4090
HSC 097	PERSONAL FINANCE	4095

## History

HIST& 128 WORLD CIVILIZATIONS III:DIV			SS,D
▼ 3775 A	5	MWF	11:10a.m.-12:35p.m. MAN 145
HIST& 136 US HISTORY 1			SS
▼ 3780 A	5	MW	8:00a.m.-10:00a.m. MAN 145
▼ 3785 DE	5	ARR	ARR
Online class.			AUSTIN K
HIST& 137 US HISTORY 2			SS
▼ 3790 A	5	MWF	1:20p.m.-2:45p.m. MAN 234
▼ 3795 B	5	TTh	8:00a.m.-10:00a.m. MAN 145
▼ 3800 DE	5	ARR	ARR
Online class.			SHAH C
HIST 205 HISTORY OF EAST ASIA:DIV			SS,D
▼ 3803 A	5	W	1:00p.m.-3:00p.m. HSB 104
Hybrid class; partially online.			VAUGHN C

## Health

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

### HLTH 100 OCCUPATIONAL SAFETY AND HEALTH

3810 A 3 Sa 8:00a.m.-5:00p.m. DTV 202 JOHNSON B  
Classes will be held on April 9, 16, 30, and May 7, 2016.

3820 B 3 MW 11:10a.m.-12:25p.m. DTV 202 JOHNSON B

▼ 3830 HB 3 ARR ARR JOHNSON B

The 1st Aid/CPR session is scheduled for Saturday, April 23, 2016 from 8 a.m. to 5 p.m. in DTV 202.  
Hybrid class; partially online.

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

3840 A 1 F 1:00p.m.-2:50p.m. DTV 202 JOHNSON B  
Classes will be held on Fridays, April 8, April 15, April 22, April 29, May 6, and May 13, 2016.

### HLTH 106 HEALTH AND WELLNESS

▼ 3845 DE 2 ARR ARR ROSS E  
Online class.

## Human Development

### HDEV 101 CAREER PLANNING

3695 A 2 TTh 1:20p.m.-2:50p.m. MAN 149 SHARP B  
Start Date: 05/10/16 End Date: 06/09/16

### HDEV 115 STRESS MANAGEMENT

3705 A 2 M 1:20p.m.-3:00p.m. MAN 203 HEDGLIN P

### HDEV 120 INDIVIDUAL & GROUP RELATIONS

3715 B 1-2 ARR ARR MCNABB A

### HDEV 299 INDEPENDENT STUDY

3770 A 1-10 ARR ARR STAFF

## Humanities

### HUM 106 COMMUNITY CONVERSATIONS

▼ 4120 A 1 Th 12:00p.m.-1:00p.m. HSB 101 SHAH C  
Topic - Birds, Bees, and Sexualities

### HUM 107 HOW TO SEE A PLAY

4130 A 1 ARR ARR RICHARD B  
Contact instructor at brichard@lowercolumbia.edu for class meeting dates.

### HUM& 118 HUMANITIES III

4140 A 5 MWF 1:00p.m.-2:25p.m. MAN 119 LEACH M

### HUM 210 MYTH AND RITES:DIV

4135 A 5 TTh 1:20p.m.-3:20p.m. MAN 145 LEACH M

Course # Course Name

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

## 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 Workforce Services Manager, Dani Trimble, at 360.442.2622 or email [dtrimble@lowercolumbia.edu](mailto:dtrimble@lowercolumbia.edu)

### ICP 299 INDEPENDENT STUDY

4165 A 1-10 ARR ARR

STAFF

## Machine Trades

There is a fee of \$11.90 per student per quarter for all MASP classes.

### MASP 107 MACHINING FOR RELATED OCCUPATIONS

4370 A 2-6 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

### MASP 111 MACHINE SHOP I

4380 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

### MASP 112 MACHINE SHOP II

4395 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 107 and/or MASP 111.

### MASP 113 MACHINE SHOP III

4405 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: 10 credits of MASP 112.

### MASP 114 MACHINE SHOP IV

4415 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: 10 credits of MASP 113.

### MASP 204 CNC MACHINING CENTER FUNDAMENTALS

4425 MK 3 ARR ARR TODD K

Please contact the instructor at 360.442.2745 or [ktodd@lowercolumbia.edu](mailto:ktodd@lowercolumbia.edu) for more information.

### MASP 205 CNC MACHINING CENTER FUNDAMENTALS

4430 MK 3 ARR ARR TODD K

Please contact the instructor at 360.442.2745 or [ktodd@lowercolumbia.edu](mailto:ktodd@lowercolumbia.edu) for more information.

### MASP 221 CNC MILLING

4435 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 204.

### MASP 222 CNC TURNING

4440 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 205

### MASP 223 ADVANCED CNC PROCESSES

4445 A 2-6 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 221 or MASP 222.

## EVENING CLASSES

### MASP 107 MACHINING/RELATED OCCUPATIONS

4375 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

### MASP 111 MACHINE SHOP I

4390 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

### MASP 112 MACHINE SHOP II

4400 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 107 and/or MASP 111.

### MASP 113 MACHINE SHOP III

4410 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 112.

### MASP 114 MACHINE SHOP IV

4420 N 2 W 6:00p.m.-9:00p.m. VOC 114 SHEPHERD N

Prerequisite: 10 credits of MASP 113.

## Manufacturing

### MFG 120 QUALITY ASSURANCE

4885 A 4 TTh 3:30p.m.-5:10p.m. VOC 112 JOINER T

### MFG 230 CIM

4890 A 4 TTh 1:00p.m.-3:30p.m. VOC 113 TODD K

Computer lab fee will be charged.

## 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 located in the Admissions Center. Call for more information 360.442.2353

### Upcoming Dates:

**June 1: 5-8 p.m.**

**June 13 & 14:  
9 a.m.-12 p.m.**

**Registration Required**



**Course # Course Name**

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

# 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 NUMBERS**

4470 A 1 DAILY 10:00a.m.-10:50a.m. PSC 102 BYKER B  
Start Date: 04/04/16 End Date: 04/29/16

**MATH 078 PRE-COLLEGE MATH I**

4471 A 3 DAILY 10:00a.m.-10:50a.m. PSC 102 BYKER B  
Start Date: 05/02/16 End Date: 06/10/16

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

4485 and 4486 B DAILY 8:00a.m.-8:50a.m. HSB 107 BABBICK L  
4490 and 4491 C DAILY 9:00a.m.-9:50a.m. PSC 102 BYKER B  
4497 and 4498 F DAILY 10:00a.m.-10:50a.m. MAN 146 MORRISON D  
4500 and 4501 G DAILY 11:10a.m.-12:00p.m. AAR 102 BYKER B

**MATH 079/088 PRE-COLLEGE MATH I/II — 5 Credits**

4530 and 4531 H DAILY 9:00a.m.-9:50a.m. HSB 107 BABBICK L

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

4550 and 4551 I MWF 8:00a.m.-8:50a.m. HSB 104 SKEIE T  
TTh 8:00a.m.-10:05a.m. HSB 104 SKEIE T  
4645 and 4646 V MWF 11:10a.m.-12:00p.m. HSB 104 SAMUELS S  
TTh 11:10a.m.-1:15p.m. HSB 104 SAMUELS S

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

4555 and 4556 J DAILY 9:00a.m.-9:50a.m. MAN 146 MALOZZI J  
4560 and 4561 L DAILY 11:10a.m.-12:00p.m. HSB 123 SKEIE T  
4565 and 4566 O MWF 1:20p.m.-2:45p.m. MAN 146 RHODE C

4540 and 4541 DE DAILY ARR BENJAMIN B

Online class. 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 089/098 PRE-COLLEGE MATH II/III — 5 Credits**

4605 and 4606 R DAILY 10:00a.m.-10:50a.m. MAN 125 SKEIE M

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

4630 and 4631 S DAILY 8:00a.m.-8:50a.m. MAN 234 SAMUELS S  
4635 and 4636 T DAILY 10:00a.m.-10:50a.m. VOC 112 SWEET R  
4640 and 4641 U MWF 1:20p.m.-2:45p.m. AAR 102 STETZER J

4610 and 4611 DE DAILY ARR MARTIN P

Online class. 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

## College-Level Math

**MATH 105 MATH FOR HEALTH SCIENCES**

4685 A 5 MWF 1:20p.m.-2:45p.m. VOC 112 SWEET R

**MATH 106 INDUSTRIAL MATH**

4695 A 5 DAILY 1:20p.m.-2:10p.m. MAN 235 SKEIE M

**MATH& 107 MATH IN SOCIETY**

4755 A 5 MWF 9:00a.m.-10:25a.m. VOC 111 RHODE C

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

4760 B 5 TTh 1:20p.m.-3:20p.m. HSB 107 HEBERT M

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

▼ 4765 DE 5 ARR ARR BENJAMIN B

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

**MATH& 141 PRECALCULUS I**

4775 A 5 MWF 9:00a.m.-10:25a.m. HSB 106 HEBERT M

4780 B 5 MWF 11:10a.m.-12:35p.m. VOC 111 RHODE C

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& 142 PRECALCULUS II**

4785 A 5 MWF 11:10a.m.-12:35p.m. MAN 233 HEBERT M

**MATH& 148 BUSINESS CALCULUS**

4790 A 5 MWF 1:20p.m.-2:45p.m. HSB 106 DRAUS D

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& 152 CALCULUS II**

4795 A 5 DAILY 11:25a.m.-12:15p.m. MAN 235 BENJAMIN B

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& 153 CALCULUS III**

4800 A 5 DAILY 11:25a.m.-12:15p.m. HSB 106 DRAUS D

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 210 ELEMENTS OF STATISTICS**

4705 A 5 DAILY 8:00a.m.-8:50a.m. VOC 111 SWEET R

4710 B 5 MW 1:20p.m.-3:20p.m. MAN 125 MALOZZI J

4715 DE 5 ARR ARR MALOZZI J

Online class. 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

## Course # Course Name

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

**MATH 220 LINEAR ALGEBRA** NS  
 4725 A 5 DAILY 12:25p.m.-1:15p.m. HSB 106 DRAUS D

**EVENING CLASSES**

**MATH 210 ELEMENTS OF STATISTICS** NS  
 4720 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 RHODE C

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

## Math Achievement Center

The Math Achievement Center, Main 127, is open Monday and Thursday, 9 a.m.-4 p.m., Tuesday and Wednesday, 9 a.m.-7 p.m., and Friday, 9 a.m.-3 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 9 a.m., 1 p.m. or 4 p.m. in Main 127. 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**

4475 P 1 DAILY ARR MAN 127 STAFF

**MATH 078 PRE-COLLEGE MATH I**

4505 P 3 DAILY ARR MAN 127 STAFF

**MATH 079 PRE-COLLEGE MATH I**

4535 P 2 DAILY ARR MAN 127 STAFF

**MATH 088 PRE-COLLEGE MATH II**

4570 P 3 DAILY ARR MAN 127 STAFF

**MATH 089 PRE-COLLEGE MATH II**

4600 P 2 DAILY ARR MAN 127 STAFF

**MATH 098 PRE-COLLEGE MATH III**

4620 P 3 DAILY ARR MAN 127 STAFF

**MATH 099 PRE-COLLEGE MATH III**

4660 P 2 DAILY ARR MAN 127 STAFF

## Medical Assisting

**MEDA 101 MEDICAL VOCABULARY I**

▼ 4805 A 3 MW 2:00p.m.-3:15p.m. HSB 244 ENGEL E

**MEDA 102 MEDICAL VOCABULARY II**

▼ 4815 A 3 MW 3:45p.m.-5:00p.m. HSB 244 ENGEL E  
 Prerequisite: MEDA 101 or equivalent, or instructor permission.

**MEDA 145 MEDICAL LAB TECHNIQUES**

▼ 4835 A 6 TTh 8:00a.m.-9:40a.m. HSB 244 SOLADEY V  
 Students must also enroll for one of the lab sections, MEDA 145 LA or LB.  
 Lab Fee: \$32.67

**MEDA 145 MEDICAL LAB TECHNIQUES—LAB**

4845 LA 0 TTh 10:00a.m.-11:40a.m. HSB 244 SOLADEY V  
 4850 LB 0 TTh 12:10p.m.-1:50p.m. HSB 244 SOLADEY V

**MEDA 165 MEDICATIONS IN MEDICAL ASSISTING & DISEASES**

▼ 4855 A 5 MW 8:00a.m.-9:15a.m. HSB 244 SOLADEY V  
 Students must also enroll for one of the lab sections, MEDA 165 LA or LB.  
 Lab Fee: \$32.67

**MEDA 165 MEDICATIONS IN MEDICAL ASSISTING & DISEASES—LAB**

4865 LA 0 MW 9:45a.m.-11:25a.m. HSB 244 SOLADEY V  
 4870 LB 0 MW 12:00p.m.-1:40p.m. HSB 244 SOLADEY V

## Music

**MUSC 100 FUNDAMENTALS OF MUSIC**

▼ 4895 A 5 Th 10:00a.m.-12:00p.m. RCA 220 H  
 (C) Uses Alternative Educational Resources.  
 Hybrid class; partially online.

**MUSC 103 THEORY/MUSICIANSHIP III**

▼ 4900 A 5 MWF 10:00a.m.-11:25a.m. RCA 218 H  
 Concurrent enrollment in MUSC 113 required.

**MUSC 105 MUSIC APPRECIATION**

▼ 5065 DE 5 ARR AAR H  
 (C) Uses Alternative Educational Resources.  
 Online class.

**MUSC 108 GROUP PIANO INSTRUCTION**

▼ 4905 A 2 MW 2:00p.m.-3:15p.m. RCA 221 H  
 (C) Uses Alternative Educational Resources.

**MUSC 113 EAR TRAINING III**

▼ 4910 L 1 MW 11:25a.m.-11:50a.m. RCA 218 H  
 DAVIS R

**MUSC 117 MUSIC CULTURES WORLD:DIV**

▼ 4915 DE 5 ARR ARR DAVIS R  
 (C) Uses Alternative Educational Resources.  
 Online class.

**MUSC 121 BEGINNING GUITAR**

4920 A 2 TTh 3:30p.m.-4:30p.m. RCA 102 HARRAUGH K  
 Guitars are provided for student use. Students will be able to take guitars home for practice.

**MUSC 134 STRING CHAMBER MUSIC**

4970 A 1 ARR DAVIS T H,P  
 Lab Fee: \$7.50

## Course # Course Name

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

**MUSC 143 CONCERT CHOIR III** H,P  
 ▼ 4975 A 1.5 MWF 1:10p.m.-2:00p.m. RCA 102 CHALLED G  
 Lab Fee: \$7.50

**MUSC 145 BEGINNING VOICE** H  
 ▼ 4980 A 2 MW 10:10a.m.-11:00a.m. RCA 102 CHALLED G  
 Lab Fee: \$7.50 ☺ Uses Alternative Educational Resources.

**MUSC 153 SHOW CHOIR III** H,P  
 ▼ 4990 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 139 CHALLED G  
 Lab Fee: \$7.50

**MUSC 178 INDIVIDUAL INSTRUCTION**  
 1 credit AAR AAR DAVIS R  
 4925 A Flute 4940 G French Horn 4955 M Violin  
 4927 B Oboe 4942 H Trombone 4957 N Viola  
 4930 C Clarinet 4945 I Tuba 4960 O Cello  
 4932 D Saxophone 4947 J Percussion 4962 P Bass  
 4935 E Bassoon 4950 K Guitar 4964 R Vocal  
 4937 F Trumpet 4952 L Piano

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

**MUSC 208 GROUP PIANO INSTRUCTION**  
 ▼ 4995 A 2 MW 2:00p.m.-3:15p.m. RCA 221 DAVIS R  
 ☺ Uses Alternative Educational Resources.

**MUSC 222 OPERA WORKSHOP** H  
 ▼ 5000 A 2 MW 4:10p.m.-5:00p.m. RCA 102 CHALLED G

**MUSC 243 CONCERT CHOIR VI** H,P  
 ▼ 5045 A 1.5 MWF 1:10p.m.-2:00p.m. RCA 102 CHALLED G  
 Lab Fee: \$7.50

**MUSC 253 SHOW CHOIR VI** H,P  
 ▼ 5050 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 139 CHALLED G  
 Lab Fee: \$7.50

**MUSC 278 INDIVIDUAL INSTRUCTION**  
 1 credit AAR AAR DAVIS R  
 5005 A Flute 5020 G French Horn 5035 M Violin  
 5007 B Oboe 5022 H Trombone 5037 N Viola  
 5010 C Clarinet 5025 I Tuba 5040 O Cello  
 5012 D Saxophone 5027 J Percussion 5042 P Bass  
 5015 E Bassoon 5030 K Guitar 5044 R Vocal  
 5017 F Trumpet 5032 L Piano

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

**EVENING CLASSES**  
**MUSC 130 JAZZ ENSEMBLE** H,P  
 4965 N 2 T 7:00p.m.-9:00p.m. RCA 102 MEAGHER R  
 Lab Fee: \$7.50

**MUSC 150 SYMPHONIC BAND** H,P  
 ▼ 4985 N 2 Th 7:00p.m.-9:00p.m. RCA 102 DAVIS R  
 Instructor permission required to enroll.  
 Lab Fee: \$7.50

## Nursing

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

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

Nursing Assistant (NURS 090) is an 8-credit course that provides students the content and experience to give basic nursing care to patients under the supervision of a licensed nurse. Please contact Bev Ylen, Nursing and Allied Health Program Assistant, 360.442.2860 for course information and to register.

## EVENING CLASSES

**NURS 090 NURSING ASSISTANT—LAB**

▼ 5090 LA 8 ARR ARR	HSB 249	MACLAREN A
Instructor permission required to enroll.		
▼ 5095 NA 8 ARR 4:30p.m.-9:30p.m.	HSB 249	MACLAREN A
Instructor permission required to enroll.		

## Nutrition

**NUTR& 101 NUTRITION**

▼ 5275 A 5 TTh 10:00a.m.-11:20a.m.	GYM 212	ROSS E
Hybrid class; partially online.		
▼ 5280 B 5 M 12:00p.m.-2:00p.m.	GYM 212	KEPLER C
Hybrid class; partially online.		
▼ 5285 C 5 TTh 9:00a.m.-9:50a.m.	GYM 212	SANCHEZ E
Hybrid class; partially online.		
▼ 5290 DE1 5 ARR ARR	PECORE J	
Exams must be proctored for this course, using either the LCC testing center or the online option ProctorU, contact the instructor for more information.		
☺ Uses Alternative Educational Resources.		
Online class.		
▼ 5295 DE2 5 ARR ARR	ROSS E	
Online class.		
▼ 5287 E 5 TTh 1:20p.m.-2:30p.m.	GYM 212	KOOIMAN J
Hybrid class; partially online.		

## Oceanography

<b>OCEA&amp; 101 INTRODUCTION TO OCEANOGRAPHY W/LAB</b>	<b>NSL</b>	
5300 A 5 MWF 9:00a.m.-9:50a.m.	HSB 139	CORDERO D
TTh 9:00a.m.-10:50a.m.	HSB 139	CORDERO D
Lab Fee: \$10.80		
5301 B 5 MWF 10:00a.m.-10:50a.m.	HSB 139	CORDERO D
MW 1:00p.m.-2:50p.m.	HSB 139	CORDERO D
Lab Fee: \$10.80		

## Physical Education

A \$7.20 fee is charged for each Physical Education class.

### PHED 104 BEGINNING PILATES & STRETCH

5320 A 1 TTh 9:00a.m.-9:50a.m.

GYM 210

A  
SKERBECK C

### PHED 105 PILATES & YOGA-BEGINNING

5325 A 1 TTh 8:00a.m.-8:50a.m.

GYM 210

A  
SKERBECK C

### PHED 106 YOGA FOR BEGINNERS

5330 A 1 MW 12:00p.m.-12:50p.m.

GYM 210

A  
ROSS E

### PHED 120 CROSS TRAINING

A

▽ 5335 A 2 TTh 1:00p.m.-1:50p.m. GYM 113 SANCHEZ E  
Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center.  
Hybrid class; partially online.

### PHED 128 WEIGHT TRAINING

A

▽ 5350 A 1-2 TTh 2:00p.m.-2:50p.m. GYM 113 SANCHEZ E  
Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center.  
Hybrid class; partially online.

### PHED 147 APPLIED FASTPITCH-WOMEN

5360 A 2 DAILY 2:00p.m.-2:50p.m.

GYM

FULLER T

### PHED 152 PERSONALIZED FITNESS

A

5365 A 1-2 MW 11:00a.m.-11:50a.m. GYM 113

LANE E

Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center.

▽ 5370 DE 1-2 ARR ARR

SANCHEZ E

Students must log into canvas for class instructions and syllabus.  
Online class.

### PHED 155 ROCK CLIMBING-BEGINNING

5340 A 1 MW 4:00p.m.-4:50p.m.

GYM 113

A  
HAYES E

Lab Fee: \$30.00

### PHED 162 APPLIED BASEBALL

5375 A 2 DAILY 2:00p.m.-2:50p.m.

GYM 211

SMITH E

### PHED 204 INTERMEDIATE PILATES & STRETCH

5385 A 1 TTh 9:00a.m.-9:50a.m.

GYM 210

A  
SKERBECK C

### PHED 205 PILATES & YOGA-INTERMEDIATE

5390 A 1 TTh 8:00a.m.-8:50a.m.

GYM 210

SKERBECK C

A

### PHED 220 CROSS TRAINING

A

▽ 5395 A 2 TTh 1:00p.m.-1:50p.m. GYM 113 SANCHEZ E  
Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center.  
Hybrid class; partially online.

### PHED 228 WEIGHT TRAINING

A

▽ 5405 A 1-2 TTh 2:00p.m.-2:50p.m. GYM 113 SANCHEZ E  
Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center.  
Hybrid class; partially online.

### PHED 247 APPLIED FASTPITCH SOFTBALL-WOMEN

5410 A 2 DAILY 2:00p.m.-2:50p.m. GYM

FULLER T

A

### PHED 252 PERSONALIZED FITNESS

5415 A 1-2 MW 11:00a.m.-11:50a.m. GYM 113

LANE E

Students must meet instructor on first day in classroom. Remaining classes will be held in the Fitness Center.

▽ 5420 DE 1-2 ARR ARR

ROSS E

Students must log into canvas for class instructions and syllabus.  
Online class.

### PHED 262 APPLIED BASEBALL

5425 A 2 DAILY 2:00p.m.-2:50p.m. GYM 211

SMITH E

### PHED 295 PERSONAL TRAINING INSTRUCTION

5430 A 3 TTh 10:00a.m.-11:20a.m. GYM 211

SANCHEZ E

### PHED 296 GROUP EXERCISE INSTRUCTION

5432 A 3 MW 10:00a.m.-11:20a.m. GYM 212

ROSS E

## EVENING CLASSES

### PHED 171 PREVENTION AND CARE OF ATHLETIC INJURIES

5380 N 3 M 6:00p.m.-9:15p.m. GYM 212

EARNEST E

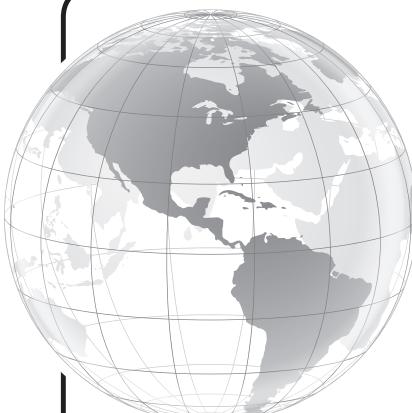
## Philosophy

### PHIL & 101 INTRODUCTION TO PHILOSOPHY

5435 A 5 MWF 9:00a.m.-10:25a.m. MAN 235

LEACH M

H



## 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 & board and friendship for a student studying at LCC. You'll learn about different cultures while sharing a slice of your American life. Host families come in all shapes and sizes and receive a monthly stipend.

For more information, visit [lowercolumbia.edu/international](http://lowercolumbia.edu/international) or email [international@lowercolumbia.edu](mailto:international@lowercolumbia.edu)

## Physics

### PHYS& 100 PHYSICS: NON-SCIENCE MAJOR

▽ 5440 A 5 MWF	1:20p.m.-2:35p.m.	HSB 137	NSL
Th	11:00a.m.-12:40p.m.	HSB 137	LIVINS P
Lab included.			
Lab Fee: \$13.20			

### PHYS& 116 GENERAL PHYSICS III

NSL

▽ 5450 A 5 MWThF	8:00a.m.-8:50a.m.	HSB 137	LIVINS P
Students must also enroll in one of the lab sections, PHYS 116 LA, LB, or LC.			
Lab Fee: \$13.20			

### PHYS& 116 GENERAL PHYSICS III—LAB

5455 LA 0 T	9:00a.m.-10:40a.m.	HSB 137	LIVINS P
5460 LB 0 T	11:00a.m.-12:40p.m.	HSB 137	LIVINS P
5465 LC 0 ARR	ARR	HSB 137	LIVINS P

### PHYS& 223 ENGINEERING PHYSICS III

NSL

▽ 5470 A 5 MWF	10:00a.m.-11:15a.m.	HSB 137	LIVINS P
Students must also enroll in one of the lab sections, PHYS 223 LA, LB, or LC.			
Lab Fee: \$13.20			

### PHYS& 223 ENGINEERING PHYSICS III—LAB

5475 LA 0 T	1:00p.m.-2:40p.m.	HSB 137	LIVINS P
5480 LB 0 Th	1:00p.m.-2:40p.m.	HSB 137	LIVINS P
5485 LC 0 ARR	ARR	HSB 137	LIVINS P

## Political Science

### POLS& 202 AMERICAN GOVERNMENT

SS

▽ 5510 A 5 M	1:00p.m.-3:00p.m.	AAR 104	VAUGH C
Hybrid class; partially online.			

▽ 5512 IS 5 MTWTh	9:00a.m.-12:00p.m.	MAN 119	BENSON D
IS: "Race, Class, Sex & Gender." Students must enroll in POLS& 202 IS, #5512, or POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or ENGL 245 IS, #3022 for a total of 15 credits.			

### POLS& 203 INTERNATIONAL RELATIONS

SS

▽ 5515 A 5 M	9:00a.m.-11:00a.m.	AAR 102	VAUGH C
Hybrid class; partially online.			

### POLS 220 THE LAW & SOCIAL ISSUES

5500 A 5 MWF	1:20p.m.-3:00p.m.	MAN 145	QUIRK A
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### POLS 296 SELECT TOPICS POLITICAL SCIENCE III

▽ 5505 IS 1-5 MTWTh	9:00a.m.-12:00p.m.	MAN 119	BENSON D
IS: "Race, Class, Sex & Gender." Students must enroll in POLS& 202 IS, #5512, or POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or ENGL 245 IS, #3022 for a total of 15 credits.			

## Process Manufacturing

### EVENING CLASSES

#### PMFG 202 ELECTRIC MOTORS

5490 N 2 W 6:00p.m.-7:40p.m. VOC 112 JOINER T

#### PMFG 210 ADVANCED INDUSTRIAL MAINTENANCE

5495 N 5 TTh 6:00p.m.-8:10p.m. VOC 112 JOINER T

## Psychology

### PSYC& 100 GENERAL PSYCHOLOGY

SS

▽ 5545 A 5 MW	9:00a.m.-11:00a.m.	PSC 104	AL-SAMARRAI L
▽ 5550 B 5 TTh	9:00a.m.-11:00a.m.	PSC 104	HERR K
▽ 5560 DE 5 ARR	ARR		TUCKER J
Online class.			
▽ 5565 DE1 5 ARR	ARR		TUCKER J
Online class.			
5570 E 5 TTh	11:10a.m.-1:10p.m.	MAN 234	WEAVER N

### PSYC& 200 LIFESPAN PSYCHOLOGY

SS

▽ 5580 A 5 MW	1:20p.m.-3:20p.m.	PSC 104	RICHIE G
▽ 5585 DE 5 ARR	ARR		WORLEY M
Online class.			
▽ 5590 DE1 5 ARR	ARR		WORLEY M
Online class.			

### EVENING CLASSES

#### PSYC& 100 GENERAL PSYCHOLOGY

SS

▽ 5575 N 5 T	5:30p.m.-7:30p.m.	MAN 125	TUCKER J
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Hybrid class; partially online.

## Sociology

### SOC& 101 INTRODUCTION TO SOCIOLOGY:DIV

D, SS

5630 A 5 MW	9:00a.m.-11:00a.m.	MAN 234	WEAVER N
④ Uses Alternative Educational Resources.			
▽ 5635 B 5 MW	1:20p.m.-3:20p.m.	PSC 102	BATEY T
④ Uses Alternative Educational Resources.			
5640 C 5 TTh	9:00a.m.-11:00a.m.	MAN 234	WEAVER N
④ Uses Alternative Educational Resources.			
▽ 5645 DE 5 ARR	ARR		TATE J
Online class.			
▽ 5650 DE1 5 ARR	ARR		TATE J
Online class.			

### SOC 210 HUMAN SEXUALITY

SS

▽ 5653 IS 5 MTWTh	9:00a.m.-12:00p.m.	MAN 119	STRAYER M
IS: "Race, Class, Sex & Gender." Students must enroll in POLS& 202 IS, #5512, or POLS 296 IS, #5505, and SOC 210 IS, #5653, and ENGL 102 IS, #3012, or ENGL 245 IS, #3022 for a total of 15 credits.			

## Spanish

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

After registering, students must contact Alex Emerson at aemerson@lowercolumbia.edu.

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

### SPAN& 121 SPANISH I:DIV

5655 A	5	DAILY	8:00a.m.-8:50a.m.	MAN 125	D, H
5660 B	5	DAILY	9:00a.m.-9:50a.m.	MAN 125	EMERSON A
5665 DE	5	ARR	ARR		EMERSON A

### SPAN& 122 SPANISH II:DIV

5670 A	5	MWF	11:10a.m.-12:35p.m.	MAN 205	D, H
5675 DE	5	ARR	ARR		QUIRK A

### SPAN& 123 SPANISH III:DIV

5680 A	5	MWF	11:10a.m.-12:35p.m.	MAN 125	D, H
5685 DE	5	ARR	ARR		EMERSON A

### SPAN& 221 SPANISH IV

5690 DE	5	ARR	ARR		H
				EMERSON A	

### SPAN& 222 SPANISH V

5695 DE	5	ARR	ARR		H
				EMERSON A	

### SPAN& 223 SPANISH VI

5700 DE	5	ARR	ARR		H
				EMERSON A	

## Speech

### SPCH 104 INTERPERSONAL COMMUNICATION

5705 A	5	TTh	10:00a.m.-12:00p.m.	RCA 139
				NEILL S

H

### SPCH 110 INTRODUCTION TO PUBLIC SPEAKING

5710 A	5	TTh	9:00a.m.-11:00a.m.	AAR 104
				MOORE LD

H

▽ 5715 DE	5	ARR	ARR
			PELLHAM P

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

Online class.

5720 E	5	MW	11:10a.m.-1:10p.m.	MAN 203
				NEILL S

H

▽ 5725 F	5	TTh	1:20p.m.-3:20p.m.	RCA 220
				SCHULTZ P

Hybrid class; partially online.

5730 G	5	MW	1:20p.m.-3:20p.m.	RCA 220
				NEILL S

H

▽ 5735 H	5	MW	11:10a.m.-1:10p.m.	HSB 107
				SUEK J

H

### SPCH 128 COMPETITIVE PUBLIC SPEAKING

5750 A	2	MW	3:30p.m.-5:30p.m.	RCA 141
				MOORE LD

H

### SPCH 138 INTERCOLLEGIATE DEBATE

5755 A	2	MW	3:30p.m.-5:30p.m.	RCA 141
				MOORE LD

H

### SPCH 209 RHETORIC AND CRITICISM OF POP CULTURE:DIV

5760 A	5	TTh	1:20p.m.-3:20p.m.	MAN 147
				NEILL S

H

### SPCH 228 COMPETITIVE PUBLIC SPEAKING

5765 A	2	MW	3:30p.m.-5:30p.m.	RCA 141
				MOORE LD

H

### SPCH 238 INTERCOLLEGIATE DEBATE

5770 A	2	MW	3:30p.m.-5:30p.m.	RCA 141
				MOORE LD

H

## EVENING CLASSES

### SPCH 110 INTRODUCTION TO PUBLIC SPEAKING

▽ 5740 N	5	W	6:00p.m.-8:00p.m.	RCA 139
				MOORE LD

H

Hybrid class; partially online.

### SPCH 114 SMALL GROUP COMMUNICATION

▽ 5745 N	5	T	5:30p.m.-7:45p.m.	RCA 218
				RANCOURT M

H

Hybrid class; partially online.

# Technology

## TECH 100 ADVANCED PRINCIPLES OF TECHNOLOGY

5795 A 5 TTh 1:20p.m.-3:50p.m. VOC 115 GERICK J

# Welding Technology

A \$11.90 per-credit fee to a maximum of \$119 is charged for each welding class.

### WELD 105 RELATED WELDING I

5880 A 6 DAILY	8:00a.m.-11:00a.m.	VOC 161	EVALD A
5885 B 1- 6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD A
5890 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD A

### WELD 151 INTRODUCTION TO OXY ACETYLENE

5910 A 6 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
5915 B 1- 6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
5920 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 152 INTRODUCTION TO ARC WELDING

5940 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
5945 B 1- 8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
5950 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 221 WIRE MACHINE

5975 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
5980 B 1- 6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
5985 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 222 ADVANCED WIRE MACHINE

6005 A 6 MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6010 B 1- 6 MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6015 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 254 ARC WELDING

6035 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6040 B 1- 8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6045 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 255 ADVANCED WELDING PROCESSES

6065 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6070 B 1- 8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6075 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 256 ADVANCED WELDING APPLICATION

6095 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6100 B 1- 8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6105 C 1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

### WELD 299 INDEPENDENT STUDY

6135 A 1-10 ARR ARR VOC 161 WELD FACULTY

Instructor permission required to enroll.

## EVENING CLASSES

### WELD 105 RELATED WELDING I

5895 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
5900 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
5905 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 151 INTRODUCTION TO OXY ACETYLENE

5925 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
5930 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
5935 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 152 INTRODUCTION TO ARC WELDING

5955 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
5960 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
5965 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 221 WIRE MACHINE

Students enrolling for WELD 221 in the evening must enroll for section NA,NB, and NC. (6 credits only)

5990 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
5995 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6000 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 222 ADVANCED WIRE MACHINE

Students enrolling for WELD 222 in the evening must enroll for section NA,NB, and NC. (6 credits only)

6020 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6025 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6030 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 254 ARC WELDING

6050 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6055 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6060 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 255 ADVANCED WELDING PROCESSES

6080 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6085 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6090 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 256 ADVANCED WELDING APPLICATION

6110 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6115 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
6120 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

## Adult Basic Education

Adult Basic Education classes are non-credit classes available to anyone 16 years or older needing to review or learn basic skills. Classes cost \$25 per quarter.

In addition to reading, writing and math skills, basic computer classes are also available. Pre-registration is encouraged, but students may enroll any time during the quarter. Language and math skills are assessed before you enroll. Students 16-18 need a signed release from their district high school. Call 360.442.2580 for more information.

### Longview ABE Classes

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

Daily	8:30 a.m.-9:20 a.m.
	9:30 a.m.-10:20 a.m.
	10:30 a.m.-11:20 a.m.
	11:30 a.m.-12:20 p.m.
	12:30 p.m.-1:20 p.m.
	1:30 p.m.-2:20 p.m.
	2:30 p.m.-3:20 p.m.
	3:30 p.m.-5:00 p.m.
Mon–Thurs	6:00 p.m.-8:50 p.m.

#### LCC Head Start (19th Ave.)

Tues–Thurs 9:30 a.m.-11:20 a.m.

#### GED Fast Track (15th Avenue, Applied Arts 101)

*Intensive, individualized instruction for students who are almost ready to take the GED tests.*

Mon–Fri 11:30 a.m.-1:20 p.m.

Mon–Thurs 6:00 p.m.-8:50 p.m.

#### Goodwill (15th Avenue)

Mon–Thurs 12:30 p.m.-2:10 p.m.

Mon–Thurs 10:00 a.m.-11:50 a.m.

### Woodland ABE Classes

#### Woodland Middle School

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 10.

### 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. Call 360.442.2580 for more information.

## English as a Second Language

English as a Second Language classes are non-credit classes designed to teach reading, writing, speaking and listening. Classes cost \$25 per quarter. They are held at Lower Columbia College, Woodland Middle School, and other locations.

Students may enroll anytime during the quarter. Registration and language assessment take place the first day that students attend class. Call 360.442.2580 for more information.

### Longview ESL Classes

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

Daily	8:30 a.m.-11:00 a.m.
	9:30 a.m.-11:20 a.m.
Mon–Thurs	6:00 p.m.-9:00 p.m.

#### Broadway School (8th Avenue and Broadway)

Tues–Thurs 9:00 a.m.-10:55 a.m.

### Woodland ESL Classes

#### Woodland Middle School

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

## LCC Offers New High School Diploma Program For Adults

Adults, age 21 and older, have a new, 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 200 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 assists individuals and employers to meet their personal and professional education and training needs by offering non-credit classes to the community. These classes are offered both on-site and online, to accommodate the needs of our students.*

## Business & Professional Development

LCC offers a variety of services supporting workforce development and customized training through the Workforce & Corporate and Continuing Education Department. Working with area businesses, industries and agencies, LCC offers Work keys 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 measure their skills and compare them to skill profiles for specific jobs. Follow-up training using KeyTrain and other tools is available.

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.

LCC also offers computer skills testing, typing tests and other tests to measure the skill level of employees and applicants.

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.

## STEMtastic Day Camp

**Thursday, April 7  
8 a.m.-12:30 p.m.**

**LCC Campus • Ages 8-14 • \$39**

*Join us for a morning of fun, hands-on STEM learning. Space is limited, so register early to guarantee your spot!*

**Lower Columbia College**



Science



Technology



Engineering



Math

## Art & Culture



### Painting Techniques

Gain control of the art of painting. We will take painting from palette layout to finished works through the investigation of tools, material handling, color mixing, and traditional techniques. The class is designed for those who are embarking on painting as well as those with experience who want to refine their skills and techniques. Although acrylics will be preferred, students with experience who work in oils are encouraged to use that medium. MAN 109 (Wade) \$85 No class 5/30

CLCE 018 A 8085 M 4/11-6/13 5-8 p.m.

### College of Collage

Experience the endless creative possibilities of collage. Few art methods allow such flexibility and personal narrative. This course will cover techniques for determining subject matter, integrating a variety of materials and personalizing imagery. We will learn about adhesives, surfaces, and combinations of drawing and painting materials used in collage. MAN 109 (Wade) \$75

CLCE 018 B 8090 W 4/13-6/8 5-7 p.m.

### Drawing Outdoors

The focus in this course is on the development and refinement of time-tested drawing basics. We will investigate and introduce techniques of light and shadow, perspective, proportion, visual measuring, and texture. Along with the studio basics, this spring session will take advantage of extended daylight and favorable weather. We'll take opportunities to visit several outdoor locations, including spots around campus and the city. DTV 201 (Wade) \$75

CLCE 018 C 8095 T 4/12-6/7 5-7 p.m.

Register Online for Continuing Education Classes: [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce)

**Community Choir**

Every voice matters in this class of community members. Participate and harmonize with peers as you expand and develop your vocal range. You will also have the opportunity to perform in the Rose Center! RCA 102 (Challed) *No class 5/30*

CLCE 021 A 8115 M 4/4-6/6 7-9 p.m.

**Symphonic Band**

Non-credit section for community members. Offers rehearsal and performances of standard concert band repertoire. Activities of this college/community band include performances for special civic events in community and public concerts. Instructor approval is required to enter this course. RCA 102 (Davis)

CLCE 023 A 8125 Th 4/7-6/9 7-9 p.m.

**Health & Wellness****Safe Sitter-NEW**

Learn the skills you need to babysit in our Safe Sitter course. Safe Sitter teaches young teens (11-14) everything they need to know to be safe when they're home alone, watching younger siblings, or babysitting. You'll learn child care essentials, behavior management, safety, injury management and child/infant CPR. DTV 201. \$49, all materials are included.

**Session One**

MTW 5/23-5/25 6-8 p.m.

**Session Two**

Sa 6/18 8 a.m.-3 p.m.

**Newspaper Seed Starter Pots**

In this class you'll learn to get plants off to a quick start with a special germination technique as well as create inexpensive seed starting pots using old newspaper. These seedling pots require no staples, glue or tape or origami skills. Recycle your old newspapers and get your sprouted seeds off to a good start in these pots that can be put into the ground with the young seedlings, minimizing root disturbance and providing mulch as the newspaper breaks down over time. (Amundson) \$29

CLCE 026 A 8175 Sa 4/16 9 a.m.-12 p.m.

**The Art of Aging Gracefully-NEW**

Over the course of nine weeks, you'll learn a different perspective of becoming or staying youthful as you experience more of life. We'll take a look at the current social consciousness and myths surrounding aging and the ways one can promote wellness. Through hypnosis, self-hypnosis, guided imagery and mindful meditation, we'll look to create a circle of wellness, including nutrition, personal relationships and more. Learn to shift your perceptions to sleep better, increase energy and improve your memory! DTV 201 (Grumbles) \$59 *No class 4/28*

CLCE 028 A 8190 Th 4/7-6/2 6-8 p.m.

**Equine Assisted Learning,  
"How to talk Horse"-NEW**

This course is for anyone looking to become more powerful and self-directed, with a desire to connect with self, others and nature. With the help of horses, you'll learn how to be more emotionally, mentally and physically aware, by discovering your strengths and conquering life's challenges. Learn to discover new things about yourself and the natural world with the horse as your guide, develop new strategies for living and succeeding in your day to day life, and improve self-confidence, communication and interpersonal relationships. No horse experience is necessary. Class meets at Whispering Willow Ranch. \$25 supply fee paid to instructor at the first class. (Mahon) \$59

CLCE 027 A 8185 F 5/20-6/10 10 a.m.-12 p.m.

**Aquatic Fitness**

*Did you know that exercising in water makes you feel up to 90 percent lighter, according to the American Council on Exercise?* This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. Students in our aquatic fitness program benefit by burning calories, building strength as they work against 12 times the resistance of air, and increasing metabolism. Join our aquatic instructor at the Dick Mealy Pool as she leads you through a variety of exercises to get you moving and feeling great! (Dickey) \$69 *No class 5/30*

CLCE 035 A 8225 MTTh 4/11-6/23 11:50 a.m.-12:45 p.m.

**Zumba Fitness**

I've never heard of a party where you can burn 540 calories in an hour, but in Zumba Fitness with Tracy Davis you can! 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! GYM 210 (Davis) \$59

**Session One**

CLCE 030 A 8195 TTh 4/12-5/19 5:30-6:30 p.m.

**Session Two**

CLCE 030 B 8196 TTh 5/24-6/30 5:30-6:30 p.m.

## Better Bones and Balance

Wouldn't you love to improve your balance and strength? In our Better Bones and Balance classes with Judy Bain, you will do just that! These classes have 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. (Bain, Swanson) \$49 *No class 5/30*

CLCE 036 D	MW	4/18-6/8	7-7:50 a.m.
CLCE 036 E	MW	4/18-6/8	8-8:50 a.m.
CLCE 036 F	MW	4/18-6/8	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. (Bain) \$49 *No class 5/30*

CLCE 032 B	MW	4/18-6/8	10-10:50 a.m.
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## Basic Better Bones and Balance

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 *No class 5/30*

CLCE 033 B	MW	4/18-6/8	11-11:50 a.m.
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## 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 6 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 5/30*

### Session One

CLCE 034 A	8215	MW	4/11-5/18	5:30-6:30 p.m.
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### Session Two

CLCE 034 B	8220	MW	5/23-6/29	5:30-6:30 p.m.
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## Low Impact Aerobics

This is a great way to increase stamina, flexibility and cardio endurance. 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) \$14

CLCE 031 B	Th	4/21-6/9	10:15-11:05 a.m.
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## 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 360.442.2600 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 on page 44 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, 360.442.2600  
Business & Workforce Training, 360.442.2601  
Community Education, 360.442.2840  
Caregiving, 360.442.2602

### Refund Policy:

A refund will be made to students who officially withdraw from a class according to this schedule: 100% Refund will be issued up until the end of the first instructional week. 50% Refund will be issued up until the end of the third instructional week. Non Refundable after the third week of class. If the course is canceled, a full refund will be made.

### 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!

## Travel & Outdoors

### Olympia Farmers Market-NEW

Join us for a day at the Olympia Farmers Market. Named the “Jewel of Olympia” the farmers market see close to 400,000 visitors every year. As an active part of the Olympia’s downtown community, visitors can enjoy locally grown produce, hand crafted items, baked good and more. From cheese and jams, to meat and fish, you just may want to bring a cooler on this day trip! (Staff) \$30

CLCE 038 A 8550 Sa 5/14 9 a.m.-4 p.m.



### Lan Su Chinese Gardens-NEW

Did you know that the Lan Su Chinese Gardens is one of Portland's greatest treasures? The result of work between Portland and Suzhou, Portland's sister city in China, the gardens were built by Chinese artisans and is the most authentic garden outside of China. Lan Su provides a look into Chinese culture, history, music and more. During your visit, take time to sit and relax in the Chinese Teahouse. Offering traditional Chinese tea and a selection of noodle bowls, steamed buns and mooncakes. You won't want to miss this trip! (Staff) \$30

CLCE 038 B 8555 Sa 6/18 9 a.m.-4 p.m.

## Computers & Technology

### Level One Microsoft Excel-NEW

Learn to use Excel to create and format spreadsheets in this new hands-on course. We'll start with the basic functions including the Ribbon interface, entering and editing data, and printing worksheets. You'll learn to create basic formulas and functions and format cell contents. Discover tips and tricks to increase your efficiency. Basic computer skills required. AAR 110C (Staff) \$89

CLCE 009 A 8040 Th 5/5-5/12 8-11 a.m.

### Level Two Microsoft Excel-NEW

Increase your Excel skills in this new hands-on course. We'll discuss large worksheets and workbooks, tables and templates. Learn to insert clip art and pictures and much more. Beginning Excel class or skills required. AAR 110C (Staff) \$89

CLCE 009 B 8045 Th 6/2-6/9 8-11 a.m.

### Computer Basics 1

Create a foundation by learning basic skills that can be used with the Windows software. Learn to create, save and open simple documents and files. Your instructor will lead you through with clear instruction and repetition, helping you to feel more confident. By the end of this class you'll be ready to move on to Computer Basics 2 and ready to embrace the world of computers! AAR 110C (Landucci) \$39

CLCE 001 A 8000 T Th 4/12-4/28 4:30-6 p.m.

### Computer Basics 2

This class emphasizes file management. Be more productive; make folders, move and organize files, and find lost files. Learn keyboard shortcuts, basic computer maintenance and new Windows skills. We will also learn to create basic Word and Excel documents. Basic computer skills or Computer Basics required. AAR 110C (Landucci) \$39

CLCE 002 A 8005 T Th 5/3-5/19 4:30-6 p.m.

### Internet and More

Learn how to search the Web, use Facebook, create your Favorites, download software and use “tabbed” browsing. Find out how to send attachments and study the basics of email etiquette. This is the class you don't want to miss! Computer Basics or basic computer skills are required. AAR 110C (Landucci) \$39

CLCE 003 A 8010 T Th 5/24-6/9 4:30-6 p.m.

***Sign up for an individual course or take all three for \$79! Save the cost of one class by taking all 3!***  
***Item #8015.***

## 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 information.

### **Medical Terminology: A Word Association Approach**

Prepare for a career in the health services industry by learning medical terminology in a memorable and enjoyable fashion. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Medical Coding**

Learn how to use the CPT manual and the ICD-10-CM to find medical codes for any disease, condition, treatment, or surgical procedure. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Explore a Career as an Administrative Medical Assistant**

Explore the in-demand career of an administrative medical assistant (AMA) in a doctor's office—from appointment scheduling and chart creation to medical billing and coding. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Medical Transcription**

Learn how to transcribe the medical reports most often used in healthcare today, and discover how to get started and advance as a medical transcriptionist. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Explore a Career in Medical Writing**

Take your first step toward a lucrative and rewarding career as a medical writer. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **HIPPA Compliance**

Discover how to comply with the duties, rights, and responsibilities of HIPAA, ARRA & HITECH. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Certificate in Legal and Ethical Issues in Healthcare**

Explore the legal and ethical risks healthcare professionals face, including issues related to HIPPA rules, medication errors, social media and healthcare, organ donation, and workplace violence. (12 contact hours) Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$72

### **Medical Math**

Master the math skills you need to succeed in the medical field. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Medical Spanish Series NEW!**

Spanish for Medical Professionals 1 and 2 now offered as a series for a discounted price! Learn medical Spanish quickly and easily, honing your basic conversational skills and mastering key healthcare words and phrases. Learn more Spanish vocabulary as you move into the second course. Register for the series at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$174

### **Human Anatomy and Physiology I**

Gain a greater appreciation and understanding of the marvelous complexity of the human body. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99. Or take the Human Physiology Series that includes **Human Anatomy and Physiology I and II** for \$174!

### **Stress Management**

Explore the physiological, social, and psychological impacts of stress and study modalities to get stress under control. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$84

### **Lose Weight and Keep It Off**

In this comprehensive course, you'll discover how to establish a healthy approach to weight loss and weight maintenance. You'll master how to set and achieve weight-loss and weight-maintenance goals that make sense for you. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Start Your Own Edible Garden**

Grow delicious, nutritious fruit and vegetables in your own backyard! In this course, you'll learn how to give your garden a healthy start and keep it growing strong all season. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Luscious, Low-Fat, Lightning-Quick Meals**

Join a registered dietitian and discover how easy it can be to prepare meals that are both delicious and nutritious! Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

*Visit our Online Instruction Center for a complete catalog of classes at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic)*

### **Success and Aging Parents**

Gain the essential information that you need to know as you care for an older adult. Learn how to prepare for changes in personal relationships when taking on caregiving roles. Improve your understanding of resources and the long-term care services and supports available. Come away with a developed confidence in techniques in assisting others with variety of needs. This course will also be useful for health program students and emerging professionals. Register at [www.yougotclass.org/catalog.cfm/LCC](http://www.yougotclass.org/catalog.cfm/LCC) \$149

## Workforce Training

### Purchasing and Supply Chain Management

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

**Visit our Online Career Training Instruction Center  
for a complete catalog of courses at  
[careertraining.ed2go.com/lccbic](http://careertraining.ed2go.com/lccbic)**

### Certificate in Customer Service

Customer service is essential for all work organizations. Whether it relates to retaining customers, serving your audience, or turning inquiries from potential customers into sales, good customer service is one of the central factors in organizational success. Learn to improve your customer service skills to enhance your career skill set, improve productivity, and increase your organization's success. Register at [www.yougotclass.org/catalog.cfm/LCC](http://www.yougotclass.org/catalog.cfm/LCC) \$245

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

### 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). Call or email for a current schedule. Flagger Re-Certification also available.

### 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).

### 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).

### 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 5600 \$40.00

7 hour HIV/AIDS Certification, register for:

SFTY 045 5595 \$65.00

### Mental Health First Aid Training

Just as CPR helps you assist an individual having a heart attack, even if you have no clinical training, Mental Health First Aid helps you assist someone experiencing a mental health related crisis. In the Mental Health First Aid course, you learn risk factor and warning signs for mental health and addiction concerns, strategies for how to help someone in both crisis and non-crisis situations, and where to turn for help.



The 8-hour Mental Health First Aid course helps participants not only gain confidence in their capacity to approach and offer assistance to others, but also to improve their own personal mental health.

Lower Columbia College  
Don Talley Building, Room 201  
\$95

**Open Enrollment training dates list below:**

Adult Training, Friday, April 22  
8 a.m.-5 p.m.

Youth Training, Friday, May 20  
8 a.m.-5 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 Leeann Curry at 360.442.2840  
for more information!**

## Leadership Series

### **Building High Performance Teams**

Teams are the force that drive most organizations. Whether it's a functional team, a team of managers, or a project team, people get most done when they work together effectively. Does your organization want better quality, higher productivity, greater sensitivity to customers and improved profitability? People make these things happen. This series will provide team leaders and team members a solid foundation to build stronger and more efficient teams in the workplace.

**Thursdays, 8 a.m. to 12 p.m.**

**May 19-June 23**

**Lower Columbia College**

**Heritage Room, Administration Building**

**\$675**

**Additional registration from your organization, 50% off**

#### **Fundamentals of High Performance Teams**

High performance teams are more than a group of people working together to accomplish a common task. Practice the fundamental skills for creating high performance teams. Gain an understanding of how teams differ from traditional work groups, learn good meeting management skills, and clarify team member roles and responsibilities.

#### **Myers-Briggs in Team Building**

Use Myers-Briggs and learning style concepts to encourage teams to think about individual preferences in communication styles for the purposes of enhanced innovation and collaboration. Discuss how managers and leaders can adopt a more flexible model of personality types to improve how their team members communicate with one another, which in turn will boost their team contributions at work.

### **Emotional Intelligence in the Workplace**

Improve your own personal leadership by learning to manage your emotions and perform at your best when you are in high pressure situations. You will also gain critical skills that will enable you to help your team understand that the reality of the key moment cannot change, but that the interior response to it is a personal choice.

### **Motivation & Coaching**

Explore ways to motivate yourself and your team with a very concrete but effective methodology. In this training, participants will learn about multiple theories, such as Maslow's Hierarchy of Needs, Herzberg's Motivation and Hygiene Factors, and how to practically apply them to the workplace.

### **Customer Centered Service**

Successful organizations know that customer satisfaction is just the entry point in today's highly competitive marketplace. This seminar consists of practical tools that can be implemented immediately in the workplace to help significantly and sustainably improve external and internal customer service.

### **High Performance Leadership**

Go from control to empowerment through learning how to be an outstanding leader within your organization. The principles and practices in this training are based upon observation and research from the foremost authorities in the field of leadership.





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

Year **2016**Winter  
**Spring**Summer  
Fall

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

## Sign up now! Corporate and Continuing Education

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

Last Name  First Name  Middle Initial  Previous Last Name

Mailing Address  City  State  Zip Code

E-mail Address  Home Phone  Work Phone  Cell Phone

### ENROLLMENT INFORMATION

Item#	Course Description	Dept.	Course	Section	Room	Days	Time	Date	Fees
1111	Sample Course Title	CLCE	9999	A	AAR 201	Th	7 p.m.	4/4	\$ 49
<b>Total</b>									

### 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.*

# Is Music Your Passion?

Whether you enjoy singing or coaxing mellow tones from a saxophone, you'll find others who share that love at Lower Columbia College. Performing is at the heart of our music programs and LCC's Wollenberg Auditorium at the Rose Center for the Arts is the premiere performance venue in Southwest Washington.

## Concert Choir

The Concert Choir is a select group of student singers with an average of 20+ members. The ensemble performs one concert per quarter: a Holiday concert, a traditional concert and a Pops/Broadway concert. All members play a vital role in the ensemble and are given opportunities throughout the year to perform solos with the group.

## Show Choir

The Show Choir is a select group student singers ranging in size from 8-15 members, performing primarily Broadway/ Jazz style music with choreography. The ensemble performs one concert per quarter, and often joins the Jazz Band's Winter concert.

## Opera Workshops

These workshops give students the opportunity to be exposed to standard operatic repertoire both in duet/ ensemble settings and solo aria performances. The class performs a concert every quarter, and every student in the class performs a minimum of one solo and one ensemble piece. Vocal technique, individual vocal development, stage presence, and language pronunciation are all emphasized in this course.

## Jazz Band

Fast-paced and soulful compositions that spotlight the sounds of every instrument in this energetic band foster the musical talents of LCC performers while drawing appreciative applause at concerts and community events.

## Symphonic Band

Gain large ensemble experience while performing with long-time musicians from the community and top young performers.



## Performances

LCC choirs and bands perform in a concert at the end of each quarter to showcase their musical talents for friends, family and music patrons from the community. Additional opportunities exist throughout the year for campus performances, including caroling, recruiting tours, pops recitals, opera recitals and concert tours (such as the LCC Choir's 2015 Carnegie Hall performance).

LCC music instructors are dedicated to helping students make the most of their talents.



Gina Challed  
Vocal / Choral Music



Dr. Robert W. Davis  
Instrumental Music

Gina brings a wealth of experience as a professional performer in a wide range of venues from opera to musical theatre; and as a teacher with her 18 years of teaching experience both privately and at the collegiate level. She earned her BM and MM in Vocal Music from Western New Mexico University and New Mexico State University respectively. Mrs. Challed has been fortunate enough to travel to England, Scotland, Italy, Germany, Canada, and New York City performing operatic roles and concerts.

Rob earned B.M. and M.M. degrees from Brigham Young University, and a D.M.A from the University of Southern California. A French horn player by specialty, he has performed in concert with a diverse array of artists and ensembles. Performance tours have taken Dr. Davis to Italy, Germany, Slovenia, Greece, England, Scotland, and Wales, and he has played on over 100 recording studio projects for films, television programs, advertisements, and video games.



# 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 Home and Family Life. 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 and the Espresso Bar are located in the Student Center. Open Monday–Friday 7:30 a.m.–2 p.m.

## ■ 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. Priority Application deadline for Spring is February 22. Details on page 7.

**360.442.2390**

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

## ■ GED TESTING

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

**360.442.2353**

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

## ■ INSURANCE AVAILABLE TO STUDENTS

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

## ■ LEARNING COMMONS AND LIBRARY

Hours: Monday–Thursday: 7:30 a.m.–7 p.m.; Friday: 7:30 a.m.–4 p.m.; Saturday: 10 a.m.–2 p.m.

## ■ PLACEMENT ASSESSMENT

Students enrolling in degree/certificate programs must take a placement assessment in reading, writing, and math. Placement assessments are offered in the Admissions Center testing lab, open 8 a.m.–5 p.m. Monday–Thursday. Testing takes approximately 3 hours and is done on a drop-in basis; no appointment necessary. The cost is included in the \$30 new student fee.

**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.

## ■ TUTORING SERVICES

Tutoring Services provides one-on-one and small group sessions in nearly every discipline. 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 7:30 a.m.–6 p.m., Friday 7:30 a.m.–4 p.m., Saturday 10 a.m.–2 p.m.

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

## ■ VETERAN RESOURCE CORNER

The Veteran Resource Corner is located on the second floor of the Student Center, next to ASLCC. The area provides a veteran-friendly academic environment for veteran students and their dependents. It is also a place where veteran students can access vital resources and benefit information. Contact Alyssa Joyner at the email address below for details.

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



## ■ WITHDRAWAL

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

## ■ WORKER RETRAINING

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

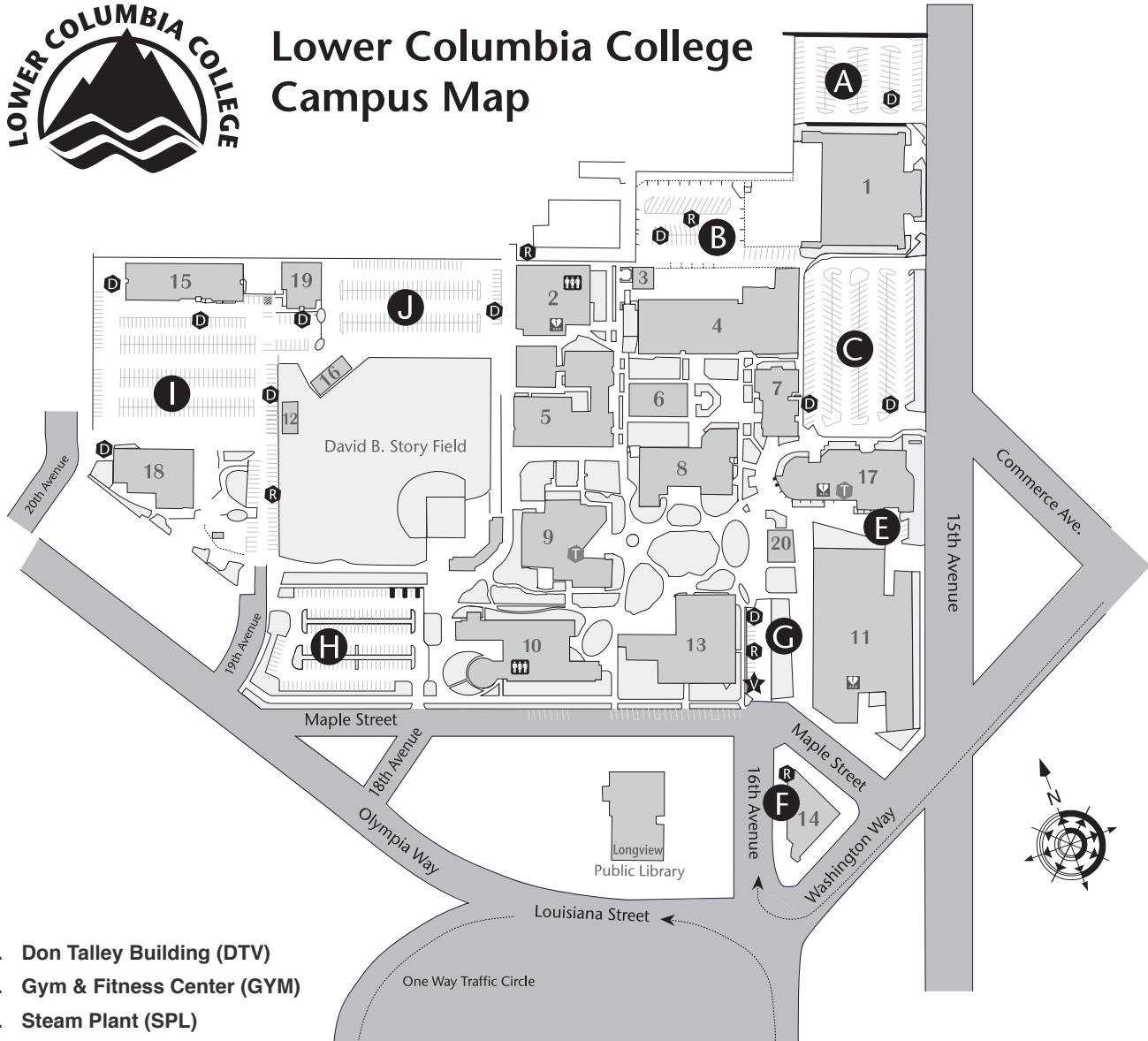
**360.442.2330**

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



# Lower Columbia College Campus Map

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

<b>A</b> - <b>J</b>	Parking Lots
<b>D</b>	Disabled Parking
<b>R</b>	Reserved Parking
<b>M</b>	Motorcycle Parking
<b>T</b>	Telephones
<b>★</b>	Visitors
 <b>AED</b>	External Defibrillator (AED)
 <b>Gender Neutral Restroom</b>	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

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RESIDENTIAL CUSTOMER**

# *Bloom Where You're Planted*

Lower Columbia College has been changing lives in our community since 1934. We are:

**Convenient** - Our 39-acre campus is located in the heart of downtown Longview

**Affordable** - Tuition & fees are less than half the cost of the closest four year institution

**Versatile** - From high school diplomas to graduate degrees offered through our Regional University Center, there is something for nearly everyone

**Flexible** - With both classroom and online classes available, we can accommodate virtually any schedule

**Dedicated** - Our high quality faculty and staff have been nationally recognized for their commitment to student success

What can **YOUR** college do for you? Call, stop by, or visit us online today to find out.

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



























































































































































































































































































































