



LOWER COLUMBIA COLLEGE  
*The Smart Choice!*

WINTER 2015 CLASS SCHEDULE



WINTER CLASSES BEGIN JANUARY 5

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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.–4:30 p.m.
Fridays .....	10 a.m.–4:30 p.m.

**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.*

### January 5-8 (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.

### LCC will be closed Dec. 22-26 and Jan. 1

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## Equal Opportunity, Affirmative Action, and Reasonable Accommodation

It is the policy of Lower Columbia College to provide equal opportunity in education and employment regardless of sex, race, color, marital status, creed, age, national origin, sexual orientation, veteran status, religious preference, or the presence of any sensory, mental, or physical disability.

*Lea esta política en español al:*

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

The Title IX Equal Opportunity Officer and Section 504 Disability and ADA Coordinator is Lisa Matye Edwards. Her office is in the LCC Admissions Center, Room 159; her telephone number is 360.442.2301.

To request accommodations for a disability in the application process, students should contact the Disability Support Services office in Admissions Center Room 143 at least three days in advance: voice 360.442.2341, TTY 360.442.2344, or email [mmorgan@lowercolumbia.edu](mailto:mmorgan@lowercolumbia.edu).

Alternative format of this document is available upon request. Please contact Disability Support Services.

## 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 Bachelor's, First Master's Degrees Offered At Regional University Center

Three new options for completing advanced degrees through the Lower Columbia Regional University Center will be available to LCC graduates and other area residents in 2015.

Warner Pacific College is bringing three in-demand majors from its Adult Degree Program to the LCC campus — Bachelor of HealthCare Administration, Bachelor of Science in Human Development and the Master of Science in Management and Organizational Leadership, the first master's degree program to be offered through the University Center

Warner Pacific College, serving the Pacific Northwest since 1937, has been a pioneer in providing continuing education opportunities to adult students through its Adult Degree Programs. Programs are designed to help people balance work, family and education by offering one subject at a time, one class per week.

Through the University Center, Warner Pacific has partnered with Lower Columbia College to offer LCC students and area residents access to:



WARNER PACIFIC COLLEGE  
ADP | ADULT DEGREE PROGRAM

**Bachelor of HealthCare Administration:** Program graduates are ready to provide the leadership today's health care organizations need to deal with regulations, budgeting, and staffing issues to effectively support the clinicians who deliver patient care.

**Bachelor of Science in Human Development:** People who want to help change society through work in ministry, human services, or the social sciences can benefit from an understanding of how individuals develop and grow throughout their lives.

**Master of Science in Management and Organizational Leadership:** This degree is structured to help graduates develop advanced management skills through hands-on learning experiences and study of selected real-world case studies.

Learn more about these Warner Pacific degrees by contacting Vanessa Brown, Enrollment Counselor, or visit: [lowercolumbia.edu/ucenter](http://lowercolumbia.edu/ucenter). For more opportunities available through the University Center, see page 8 of this schedule.

## LCC Named A National Leader College For Student Success Efforts

Lower Columbia College is one of just 16 community colleges nationwide recognized this fall as a Leader College by the Achieving the Dream organization, a national nonprofit funded in part by the Gates and Lumina Foundations.

*"Leader College distinction recognizes the innovative work and dedication to helping our students that is demonstrated every day by LCC faculty and staff,"* said LCC President Chris Bailey. Specifically, the Leader College designation commends efforts at LCC to assist students in completing college math requirements. Historically, the ability to be successful in math has posed a significant barrier for many students pursuing a college credential at LCC and across the nation.

### More Students Master Math

LCC math faculty have redesigned the pre-college math curriculum and placement process to increase the number of students reaching college level math. Interventions have included online practice for placement exams, Math boot camps and agreements with local high schools that allow qualified students to move directly into college-level work. The impact of this LCC-K12 partnership can be seen in a 20 percent increase in the number of recent high school graduates placing directly into college level math instead of pre-college math.

Over the past three years, LCC has also redesigned its pre-college English program to help students move faster into college-level courses; developed a first-year seminar course to provide additional support for struggling students, and

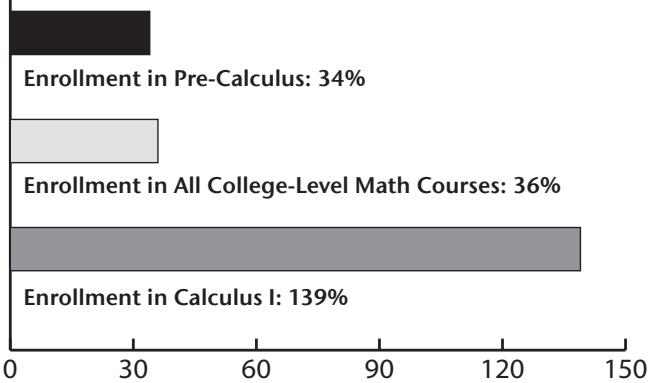
created a mandatory orientation for new students help them succeed.

### White House Recognition

Earlier this year in August 2014, LCC was recognized by the White House for its student success efforts, including the creation of a unique \$1.5 million Student Success Endowment Fund providing \$50,000 annually to help an estimated 150 students facing financial hardship to stay in school by covering extra expenses including tuition, textbooks, testing fees, emergency childcare and transportation.

### Math Success by the Numbers Percent Increase by Category

Fall 2013 to Fall 2014



# HOW TO REGISTER

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

## Current Students

Registration begins November 17, 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.

## Winter Dates and Deadlines

Priority registration for Winter begins .....	Nov. 17
Priority application deadline for Winter financial aid ..	Nov. 24
Open registration for Winter begins.....	Nov. 24
Winter Application for Admission Deadline.....	Dec. 1
Last day for Winter Administrative Hold .....	Dec. 15
Winter tuition deferment due date.....	Dec. 30
First day of classes .....	Jan. 5
Last day of online registration .....	Jan. 7
Last day for 100% tuition refund.....	Jan. 9
Last day for 50% tuition refund.....	Jan. 23
Martin Luther King Day Holiday.....	Jan. 19
Presidents' Day Holiday .....	Feb. 16
Last day to apply for Winter graduation.....	Jan. 28
Last day to withdraw from classes.....	Feb. 27
Last day of Winter classes.....	March 13
Winter finals .....	March 17-19

*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 November 24 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**  
Make an appointment by contacting the Entry Center. 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** by 5 p.m. Friday of the week you register. 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 November 24. 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. If openings occur through the third day of the quarter (January 7), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

Being on the waitlist does not guarantee that you'll get in, or that a new section will be made available. Tuition and fee charges will not include waitlisted classes until you are registered in them. 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 Friday of the week you register.

## 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


### Capstone (CPSTN) Course

--	--	--	--	--	--	--	--	--	--	--	--	--

### 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

November 17-January 7.

### 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 graduated (or will) from a Washington state high school. Contact the Registrar at 360.442.2371.

## 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 \$1.25 per credit facilities use fee and applicable lab fees.

2014-2015 Tuition and Fee Schedule					
(Facilities Use, Technology, Tutor Center, Gym Remodel fees included)					
#	A	B	C	D	E
Cr.	Wash. State Residents	Oregon Border Residents	US Citizens & INS Permanent Residents	Foreign & US Citizens Not Meeting Req's	Veterans
1	114.84	124.47	129.28	286.84	90.78
2	229.68	248.94	258.56	573.68	181.56
3	344.52	373.41	387.84	860.52	272.34
4	459.36	497.88	517.12	1,147.36	363.12
5	574.20	622.35	646.40	1,434.20	453.90
6	689.04	746.82	775.68	1,721.04	544.68
7	803.88	871.29	904.96	2,007.88	635.46
8	918.72	995.76	1,034.24	2,294.72	726.24
9	1,033.56	1,120.23	1,163.52	2,581.56	817.02
10	1,148.40	1,244.70	1,292.80	2,868.40	907.80
11	1,206.39	1,307.37	1,357.82	2,931.40	954.08
12	1,264.38	1,370.04	1,422.84	2,994.40	1,000.36
13	1,318.62	1,428.96	1,484.11	3,053.65	1,042.89
14	1,372.86	1,487.88	1,545.38	3,112.90	1,085.42
15	1,427.10	1,546.80	1,606.65	3,172.15	1,127.95
16	1,481.34	1,605.72	1,667.92	3,231.40	1,170.48
17	1,535.58	1,664.64	1,729.19	3,290.65	1,213.01
18	1,589.82	1,723.56	1,790.46	3,349.90	1,255.54
19	1,686.08	1,829.45	1,901.16	3,618.16	1,327.74
20	1,782.34	1,935.34	2,011.86	3,886.42	1,399.94
21	1,878.60	2,041.23	2,122.56	4,154.68	1,472.14
22	1,974.86	2,147.12	2,233.26	4,422.94	1,544.34
23	2,071.12	2,253.01	2,343.96	4,691.20	1,616.54

## Miscellaneous Fees

- Application:** All new students are charged a \$30 combined assessment and application fee. After two years of non-attendance, this fee will be recharged.
- Apprenticeship:** \$53 per credit; \$3.49 per clock hour.
- Computer Lab:** A fee of \$22.90 per class is charged for certain classes identified in the course listing.
- Facilities Maintenance:** The chart includes a fee of \$1.25 per credit, up to 18 credits (max. \$22.50), 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.
- 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 \$1.25/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).

- 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.
- Tuition Deferment:** Qualified students may purchase a tuition deferment for \$35. While the fee is nonrefundable, \$25 is applied toward tuition upon full payment.
- 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 "7 Easy Steps to the FAFSA" 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.

### LCC Scholarship Night

Thursday, January 22

6-7:30 p.m., Student Center

High school seniors and juniors and parents are invited. Learn how to find scholarships and how to write a good essay; plus other tips and tricks for Information will apply to any scholarship application with specifics about the LCC Foundation awards.

### Delayed Tuition Payment Options

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

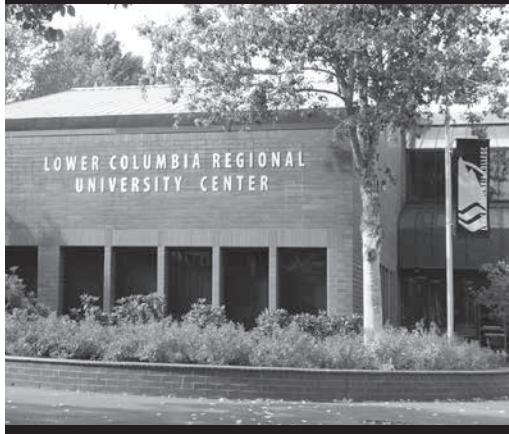
**Payment Plan:** For a \$30 fee you can enroll in a payment plan that charges your credit/debit card or bank account on a monthly basis. For information or to sign up, go to [lowercolumbia.edu/costs-aid](http://lowercolumbia.edu/costs-aid)

**Defer Your Tuition:** Tuition is due the Friday after you register. You can defer your full tuition payment until December 30 by paying \$25 of your tuition plus a \$10 fee at the Cashier. Ask for a Tuition Deferment.

### Waiting for your Financial Aid funds?

Apply for Financial Aid by the priority deadline (November 24 for Winter Quarter 2015). Students who meet the deadline are automatically held in classes until their financial aid is disbursed.

Students who miss the deadline, or who do not complete their file by the deadline, will need to pay their own tuition to stay enrolled.



# Don't let **DISTANCE** keep you from your **BACHELOR DEGREE**

The Lower Columbia Regional University Center, located in the Alan Thompson Library, provides convenient options for residents of Cowlitz County, and surrounding counties, to earn bachelor's degrees without relocating or a lengthy commute. The goal of the center is to increase the number of adults with bachelor's degrees in Cowlitz and Wahkiakum counties and the number of local professionals qualified to fill supervisory and management positions with area companies.

## Talk with a university advisor

Whether you're a current LCC student, a high school senior or a community college graduate, explore your options to earn a bachelor's degree by talking with an advisor. To schedule an appointment, stop by the Center or call **360.353.7800**.

Five highly-respected universities have partnered with LCC to provide bachelor's and master's degree programs. Advising staff and faculty are housed in the Center along with study areas and a high technology classroom designed to meet instructional needs, including WiFi access. The adjacent Learning Commons provides comprehensive library resources for students enrolled in the university partner programs.

## Welcome EWU's Dr. Heidi Connole to the University Center

Dr. Connole is Assistant Professor of Management and Director of College of Business and Public Administration Programs Longview for Eastern Washington University. She holds a PhD from Washington State University in Business Administration with an emphasis in Management. Previous positions have included Professor of Strategic Leadership at the U.S. Army War College in Carlisle, Pennsylvania, and implementation of the University of Idaho's Executive MBA program. Her research has focused primarily on strategic leadership of organizations and most recently on sustainability issues including leadership among non-traditional populations.



### City University of Seattle

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

**Advising:** Daria Lall

[darialall@cityu.edu](mailto:darialall@cityu.edu), 360.449.6700

### Concordia University

- Southwest Washington Bachelor of Science in Early Childhood Education

**Advising:** Charlotte May

[cmay@cu-portland.edu](mailto:cmay@cu-portland.edu)

Email to schedule an appointment

### Eastern Washington University

- Bachelor of Arts in Interdisciplinary Studies
- Bachelor of Science in Applied Technology
- Bachelor of Arts in Business Administration

**Advising:** Geonna Joy

[gjoy2@ewu.edu](mailto:gjoy2@ewu.edu), 360.442.7811

### Warner Pacific College

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

**Advising:** Vanessa Brown

[vbrown@adp.warnerpacific.edu](mailto:vbrown@adp.warnerpacific.edu), 503.517.1557

### Washington State University Vancouver

- Bachelor of Science in Nursing

**Advising:** Natalie Brusseau

[brusseau@vancouver.wsu.edu](mailto:brusseau@vancouver.wsu.edu)

Email to schedule an appointment

# 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 **3.34 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 at a state public university. 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. LCC also has agreements with bachelor degree-granting colleges for students majoring in business, engineering, education, science and other fields.

Community college transfer students made up 40 percent of the 20,499 graduates earning a bachelor degree from Washington public universities in 2011.

They graduated 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 graduated in all subjects, including:

- 47% of all business majors
- 46% of all health field majors
- 35% of all STEM majors (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)

2014-15 Annual Tuition	
Lower Columbia College	\$4,281
Washington Public Universities	\$7,972-\$12,441

### 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.*



# 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 spend 2-5 hours each week in study sessions with their 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 111</b>	<b>Word Processing I</b>
<b>BTEC 148</b>	<b>Introduction to Outlook</b>
<b>BUS 104</b>	<b>Business Math Applications</b>
<b>CS 110</b>	<b>Microcomputer Applications</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. Students also have access to private academic support classes meeting daily.

<b>DHET 101</b>	<b>Electrical Systems I</b>
<b>DHET 102</b>	<b>Electrical Systems II</b>

### **Early Childhood Education**

This one 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&amp; 105</b>	<b>Introduction Early Childhood Education</b>
<b>ECED&amp; 120</b>	<b>Practicum-Nurturing Relationships</b>
<b>ECED 204</b>	<b>Music and Movement</b>
<b>ECED 220</b>	<b>Arts and Crafts for Young Children</b>
<b>ECED 262</b>	<b>Practicum IV/Practice</b>
<b>EDUC&amp; 130</b>	<b>Guiding Behavior</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 also provides courses that can be applied to more specialized degrees and certificates.

<b>BLPT 150</b>	<b>Machinist Blueprint Reading</b>
<b>MASP 072</b>	<b>Machine Shop Support II</b>
<b>MASP 111</b>	<b>Machine Shop I</b>
<b>TECH 078</b>	<b>Pre-College Math I</b>
<b>TECH 079</b>	<b>Pre-College Math I</b>
<b>WELD 072</b>	<b>Welding Support II</b>
<b>WELD 105</b>	<b>Related Welding I</b>

### **NEW! Medical Assistant**

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

<b>MEDA 122</b>	<b>Law &amp; Ethics for the Medical Office</b>
<b>MEDA 162</b>	<b>Examining Room Procedures II</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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## *Developing Your Global Identity: Communicating Across Culture*

Monday-Thursday 9:00-11:10 a.m.

Instructors: Nicole DiGerlando & Stefanie Neill

Explore how culture(s) impact(s) communication through language, behavior, media, power dynamics, perception, and identity components. This class examines the significance of social issues and obstacles surrounding groups and their ability to form identity based on historical context, gender, race, class, age and sexual orientation and how individuals confront these issues. We will discuss what intercultural communication is, how culture plays a significant role in the communication process, and how dominant culture and power influence various co-culture contexts. It will also explore the relationship between perception and stereotyping and its effect on intercultural communication.

*Sign up for:*

**ENGL 098, item 3245,  
College-Ready English I, 5 credits**

*or*

**ENGL 099, item 3305,  
College-Ready English II, 5 credits**

*or*

**ENGL& 101, item 3435,  
English Composition I, 5 credits**

*and*

**SPCH 109, item 6732,  
Intercultural Communication, 5 credits**



## *What is Normal? Society by the Numbers*

Monday-Thursday 1:20-3:20 p.m.

Instructors: Dawn Draus & Julie Suek

What does it mean to be “normal” according to statistics and society?

- Learn the predictive power of statistics and the role they play in decision making.
- Discuss the concepts of norms, both statistically and socially. Develop an understanding of norms and learn how a society creates, manages, and changes itself.
- Learn through a combination of lecture, small group activities, videos, and readings. This class is designed to work with students and their various learning styles.

Topics include: Race, ethnicity, gender, class, crime, gambling, probability, culture, health care, education, religion, economics, diversity, and family.

Earn 5 credits in social science and complete the quantitative skills and diversity requirements for your direct transfer degree (Associate in Arts – DTA).

*Sign up for:*

**BUS 206, item 2090,  
Statistics Methods, 5 credits**

*or*

**MATH 210, item 5595,  
Elements of Statistics, 5 credits**

*and*

**SOC& 101, item 6735,  
Introduction to Sociology, 5 credits**



**In an era of ubiquitous interconnection, global awareness does not mean simply learning about other cultures' foods and holidays.**

# 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.



## LCC ONLINE CLASSES – WINTER 2015

ACCT 260	Certified Bookkeeper Prep	BUS 244	Human Resource Management	ECON 105	Introduction to Economics	MEDA 205	Certification Review for Medical Assistants
ACCT & 202	Principles of Accounting II			ECON& 202	Macro Economics	MUSC 209	The Blues Culture:DIV
AH 100	Blood Borne Pathogens & Infections	BUS 264	Principles of Marketing	ENGL 098	College-Ready English I	NUTR& 101	Nutrition
AH 104	Healthcare Foundations	BUS& 101	Introduction to Business	ENGL 099	College-Ready English II	OCEA& 101	Introduction to Oceanography
AH 114	Healthcare Communication Skills	BUS& 201	Business Law	ENGL 280	Multicultural Literature:DIV	PHED 152	Personalized Fitness
ART 227	History of Western Art	CHEM& 110	Chemical Concepts w/Lab	ENGL& 101	English Composition I	PHED 252	Personalized Fitness
ART& 100	Art Appreciation:DIV	CHEM& 121	Introduction to Chemistry	ENGL& 102	Composition II	POLS& 202	American Government
BIOL& 100	Survey Of Biology	CJ 154	American Legal System	ERSI 105	Earth Systems	PSYC& 100	General Psychology
BIOL& 160	General Biology w/Lab	COLL 101	First Year Seminar I	FISC 101	Introduction to Fire Protection	PSYC& 200	Lifespan Psychology
BIOL& 241	Human A & P 1 w/Lab	COLL 102	First Year Seminar II	GEOL& 208	Geology Of Pacific NW	SOC& 101	Introduction to Sociology:DIV
BIOL& 242	Human A & P 2 w/Lab	COLL 104	College Knowledge	HIST 254	History Of Washington and the Pacific NW	*SPAN& 121	Spanish I:DIV
BTEC 181	Medical Terminology I	CS 110	Microcomputer Applications	HIST& 136	US History 1	*SPAN& 122	Spanish II:DIV
BTEC 182	Medical Terminology II	CS 121	Introduction to Spreadsheets	HIST& 137	US History 2	*SPAN& 123	Spanish III:DIV
BUS 144	Management/Human Relations:DIV	CS 251	Digital Forensics and Law	HLTH 106	Health Today	*SPAN& 221	Spanish IV
BUS 150	Customer Service/Management	ECED 187	Language Development for Infants and Toddlers	HUM 230	Thinking About Thinking	*SPAN& 222	Spanish V
BUS 159	Principles of Retailing	ECED& 100	Child Care Basics	*MATH 088/089	Pre-College Math II	*SPAN& 223	Spanish VI
BUS 206	Statistical Methods	ECED& 132	Infants/Toddler Care	*MATH 098/099	Pre-College Math III	SPCH 110	Introduction to Public Speaking
		ECED& 139	Admin Early Language Program	MATH 210	Elements Of Statistics		
				MATH& 107	Math In Society		

*\*These courses do not use Canvas*

## Using CANVAS? Attend a free orientation or bootcamp.

If your class listing shows this symbol, you'll be using an online learning management system: ▽ for CANVAS

### Canvas Orientation

Monday, January 5	1-2 p.m.
Tuesday, January 6	11 a.m.-12 p.m.
Wednesday, January 7	5-6 p.m.
Friday, January 9	10-11 a.m.

### Canvas Bootcamp

Contact eLearning to register:  
360.442.2520 or  
[elearning@lowercolumbia.edu](mailto:elearning@lowercolumbia.edu)

Wednesday, December 31 9 a.m.-12 p.m.  
Wednesday, December 31 1-4 p.m.

*Bootcamp is free.*

# 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)

## What If It Snows?

LCC doesn't operate school buses, so we may be open when local schools have closed due to ice, snow, or other conditions.

If the campus remains open during inclement weather, personal safety and good judgment are the foremost considerations. You decide whether to come to campus or stay home.

### Here's how to find out if campus is open or closed:

**Emergency Text Notifications** – Sign up to receive closure and other emergency information by text message on your mobile phone. Just text 'follow LowerCC\_Alerts' to 40404. A confirmation will be sent to your mobile phone. You'll receive emergency text messages as they are issued. Regular text messaging charges apply.

**Media** – Check local TV or radio stations. If the campus closes due to severe weather, the media will be notified by 6 a.m. for day classes, and 2 p.m. for evening classes. If the campus closes for any other reason, the media will be notified immediately.

**Web** – Check [lowercolumbia.edu](http://lowercolumbia.edu) for current closure status. Emergency information will also be posted on [twitter.com/lowercc](http://twitter.com/lowercc) and [facebook.com/LowerColumbiaCollege](http://facebook.com/LowerColumbiaCollege)

**Telephone** – Call the LCC Message Line at 360.442.2000.



## Diversity Classes

To earn a degree at LCC, you must pass a 5-credit Cultural Diversity class. These Winter 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 205	History of East Asia
ART 206	Arts of the Americas	HIST& 215	Women in U.S. History
ART 207	Arts of the World	HUM 164	Cultural Journeys
ART 208	Arts of the Northwest	HUM 210	Myths and Rites
ART 228	History of Western Art	MUSC 117	Music Cultures of the World
ASL& 123	American Sign Language III:DIV	MUSC 119	American Music
BUS 144	Management of Human Relations	MUSC 209	The Blues Culture
CHIN& 121	Chinese I	SOC& 101	Introduction to Sociology (Includes WAOI's SOC& 101)
CHIN& 122	Chinese II	SOC 225	Race and Ethnicity
CHIN& 123	Chinese III	SPAN& 121	Spanish I
EDUC& 205	Introduction to Education w/Field Experience	SPAN& 122	Spanish II
ENGL 140	Intro to Women Writers	SPAN& 123	Spanish III
ENGL 280	Multicultural Literature	SPCH 109	Intercultural Communication
ENVS 150	Environment and Society	SPCH 209	Rhetorical Criticism and Popular Culture

## Winter 2015 Final Exam Schedule (March 17-19)

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

Class begins between	On these days	Your final exam time will be	On this date
7:00 - 8:20 a.m.	MTWTh, MTWF, MWThF, TTh	8:00 - 10:00 a.m.	March 19
9:00 - 9:50 a.m.	TTh, MTWTh	8:00 - 10:00 a.m.	March 17
9:00 - 9:50 a.m.	MWF, MW, Daily	10:10 a.m. - 12:10 p.m.	March 18
9:55 - 10:50 a.m.	MW, MWF, Daily	10:10 a.m. - 12:10 p.m.	March 19
11:00 – 11:55 a.m.	MWThF, TTh, MTWTh	10:10 a.m. - 12:10 p.m.	March 17
11:00 - 11:55 a.m.	MW, MWF, Daily	12:20 - 2:20 p.m.	March 18
12:00 - 12:55 p.m.	MW, Daily, MWThF	12:20 - 2:20 p.m.	March 19
1:00 - 2:00 p.m.	MWF, MW, W, MTWTh, Daily, MTWF	12:20 - 2:20 p.m.	March 17
1:00 - 2:30 p.m.	TTh, Th, T	2:30 - 4:30 p.m.	March 18
2:40 - 4:00 p.m.	MWF, MW, M, W	2:30 - 4:30 p.m.	March 19
2:40 - 4:00 p.m.	T, TTh	2:30 - 4:30 p.m.	March 17
2:40 - 4:00 p.m.	T, TTh	2:30 - 4:30 p.m.	December 11
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:

**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.

# Accounting

## ACCT 101 INTRODUCTION TO ACCOUNTING CONCEPTS

**▽** 1600 A 5 TTh 1:20p.m.-3:20p.m. AAR 103 STANLEY J  
Computer lab fee will be charged.

## ACCT& 201 PRINCIPLES OF ACCOUNTING I

**▽** 1620 A 5 MW 11:10a.m.-12:35p.m. AAR 103 STANLEY J  
Computer lab fee will be charged.  
Hybrid class; partly online.

## ACCT& 202 PRINCIPLES OF ACCOUNTING II

**▽** 1625 A 5 MW 9:00a.m.-10:25a.m. AAR 103 STANLEY J  
Hybrid class; partly online.  
**▽** 1630 DE 5 ARR ARR STANLEY J  
Online class.

## ACCT 260 CERTIFIED BOOKKEEPER PREP

**▽** 1605 DE 5 ARR ARR STANLEY J  
Online class.

## Course # Course Name

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

# Allied Health

## AH 100 BLOOD BORNE PATHOGENS AND INFECTION CONTROL

**▽** 1640 DE 1 ARR ARR SOLADEY V  
Online class.

## AH 104 HEALTHCARE FOUNDATIONS

**▽** 1650 DE 2 ARR ARR COLEMAN K  
Online class.  
**▽** 1655 DE1 2 ARR ARR YARBROUGH S  
Online class.  
Start Date: 01/05/15 End Date: 02/06/15

## AH 114 HEALTHCARE COMMUNICATION SKILLS

**▽** 1665 DE 2 ARR ARR COLEMAN K  
Online class.  
**▽** 1670 DE1 2 ARR ARR YARBROUGH S  
Online class.  
Start Date: 02/09/15 End Date: 03/13/15

## AH 230 MANAGEMENT ISSUES IN HEALTH CARE

**▽** 1680 A 1 M ARR YARBROUGH S  
Hybrid class; partly online.

# EVENING CLASSES

## AH 104 HEALTHCARE FOUNDATIONS

**▽** 1660 N 2 W 5:15p.m.-7:00p.m. HSB 248 ENGEL E  
Hybrid class; partly online.

## AH 114 HEALTHCARE COMMUNICATION SKILLS

**▽** 1675 N 2 Th 5:15p.m.-7:00p.m. HSB 244 ENGEL E  
Hybrid class; partly online.

# American Sign Language

## ASL& 122 AMERICAN SIGN LANGUAGE II

1905 A 5 MWF 9:00a.m.-11:00a.m. MAN 148 JACOBS H

# Anthropology

## ANTH& 206 CULTURAL ANTHROPOLOGY:DIV

1735 A 5 MWF 11:10a.m.-12:35p.m. MAN 235 D SHAW D

Course # Course Name

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

## Art

## ART &amp; 100 ART APPRECIATION:DIV

▼ 1895 DE 5 ARR ARR  
 COOPER R  
 Contact the instructor at rcooper@lowercolumbia.edu for more information.  
 Online class.

D

## ART 101 BEGINNING DRAWING

1740 A 3 MW 1:00p.m.-3:40p.m. MAN 109 NEELY D

H,P

## ART 102 INTERMEDIATE DRAWING

1750 A 3 MW 1:00p.m.-3:40p.m. MAN 109 NEELY D

H,P

## ART 106 BASIC DESIGN

1765 A 5 TTh 1:20p.m.-3:20p.m. MAN 109 KOHLMEIER M

H,P

## ART 107 BASIC DESIGN I

1770 A 5 TTh 10:00a.m.-12:00p.m. MAN 109 KOHLMEIER M

H,P

## ART 111 BEGINNING PAINTING

▼ 1775 A 3 TTh 8:00a.m.-10:50a.m. MAN 103 COOPER R

H,P

## ART 112 INTERMEDIATE PAINTING

▼ 1780 A 3 TTh 8:00a.m.-10:50a.m. MAN 103 COOPER R

H,P

## ART 113 ADVANCED PAINTING

▼ 1785 A 3 TTh 8:00a.m.-10:50a.m. MAN 103 COOPER R

H,P

## ART 130 INTRODUCTION TO GRAPHIC DESIGN

1795 A 4 MW 9:00a.m.-11:40a.m. MAN 118 NEELY D  
 Lab Fee: \$5.00

H,P

## ART 155 BEGINNING DIGITAL PHOTO

1805 A 5 TTh 12:00p.m.-3:30p.m. MAN 118 PIERSON M  
 Lab Fee: \$34.30

H,P

## ART 162 PHOTOSHOP - WEB &amp; PRINT

1810 A 3 TTh 10:00a.m.-11:40a.m. MAN 118  
 Basic computer skills required. Computer lab fee will be charged.

NEELY D

H,P

## ART 227 HISTORY OF WESTERN ART

▼ 1820 DE 5 ARR ARR  
 Online class.

FREY T

H,P

## ART 241 BEGINNING CERAMIC ART

1825 A 3 MW 1:00p.m.-3:50p.m. MAN 104 WOODS T  
 Lab Fee: \$19.90

WOODS T

H,P

## ART 242 INTERMEDIATE CERAMIC ART

1835 A 3 MW 1:00p.m.-3:50p.m. MAN 104 WOODS T  
 Lab Fee: \$27.00

WOODS T

H,P

## ART 243 ADVANCED CERAMIC ART

1845 A 3 MW 1:00p.m.-3:50p.m. MAN 104 WOODS T  
 Lab Fee: \$27.00

WOODS T

H,P

## ART 290 ART STUDIO LAB-CERAMICS

1870 MM1-3 ARR ARR  
 Instructor permission required to enroll.  
 Lab Fee: \$27.00

WOODS T

H,P

## ART 295 ART LAB-PHOTOGRAPHY

1875 MM1-3 ARR ARR  
 Instructor permission required to enroll.  
 Lab Fee: \$34.30

PIERSON M

## ART 297 PHOTOSHOP INDEPENDENT STUDY

1880 MM1-3 ARR ARR

NEELY D

## ART 299 INDEPENDENT STUDY-ART

▼ 1885 MM1-3 ARR ARR  
 Instructor permission required to enroll.  
 Lab Fee: \$19.00  
 1890 MM2 1-3 ARR ARR  
 Instructor permission required to enroll.  
 Lab Fee: \$19.00

COOPER R

KOHLMEIER M

## EVENING CLASSES

## ART 101 BEGINNING DRAWING

1745 N 3 TTh 6:00p.m.-8:50p.m.

MAN 109 KOHLMEIER M

H,P

## ART 102 INTERMEDIATE DRAWING

1755 N 3 TTh 6:00p.m.-8:50p.m.

MAN 109 KOHLMEIER M

H,P

## ART 103 ADVANCED DRAWING

1760 N 3 TTh 6:00p.m.-8:50p.m.

MAN 109 KOHLMEIER M

H,P

## ART 241 BEGINNING CERAMIC ART

1850 N 3 MW 6:00p.m.-8:50p.m.

MAN 104 WOODS T

H,P

## ART 242 INTERMEDIATE CERAMIC ART

1853 N 3 MW 6:00p.m.-8:50p.m.

MAN 104 WOODS T

H,P

## ART 243 ADVANCED CERAMIC ART

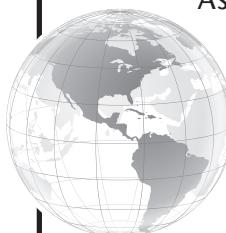
1855 N 3 MW 6:00p.m.-8:50p.m.

MAN 104 WOODS T

H,P

## 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)

## Course # Course Name

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

**Astronomy****EVENING CLASSES**

<b>ASTR&amp; 101 INTRODUCTION TO ASTRONOMY</b>	<b>NSL</b>
▼ 1910 N 5 MW 6:00p.m.-9:00p.m.	HSB 137 LIVINS P Lab included.

**Automotive Technology**

There is a fee of \$11.40 per student per quarter for all AMTC classes.

**AMTC 100 ESSENTIALS OF MECHANICS**

1695 A 5 MT 12:30p.m.-3:30p.m.	DTV 108	ROESKE G
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**AMTC 111 HYDRAULIC BRAKES**

1700 A 5 MTWTh 7:30a.m.-12:00p.m.	DTV 232	KILE C
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**AMTC 112 ANTILOCK BRAKES/TRACTION**

1705 A 3 MTWTh 7:30a.m.-12:00p.m.	DTV 232	KILE C
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**AMTC 201 FUELS AND EMISSIONS**

1710 A 10 MTWTh 7:30a.m.-12:00p.m.	DTV 233	ROESKE G
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**AMTC 215 SUSPENSION AND ALIGNMENT**

1715 A 8 MTWTh 7:30a.m.-12:00p.m.	DTV 232	KILE C
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**AMTC 299 INDEPENDENT STUDY**

1730 A 1-5 ARR ARR	DTV 108	KILE C
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**Biology****BIOL& 100 SURVEY OF BIOLOGY**

▼ 1930 DE 5 ARR ARR	NSL
Lab included. Online class. Lab Fee: \$19.00	LAPIERRE L

**BIOL& 160 GENERAL BIOLOGY**

▼ 1935 A 5 TTh 9:00a.m.-11:00a.m.	HSB 123	MYERS L
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Students must also enroll in one of the lab sections, BIOL& 160 LA, LB, or LC.  
Lab Fee: \$10.20

▼ 1945 DE 5 ARR ARR	MYERS L
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**BIOL& 160 GENERAL BIOLOGY—LAB**

1950 LA 0 Th 11:10a.m.-1:00p.m.	HSB 304	MYERS L
1955 LB 0 F 9:00a.m.-10:50a.m.	HSB 304	MYERS L
1960 LC 0 F 11:10a.m.-1:00p.m.	HSB 304	MYERS L

**BIOL& 212 MAJORS BIOLOGY ANIMAL**

▼ 1970 A 5 TTh	1:20p.m.-2:35p.m.	HSB 304	NSL
	TTh	2:50p.m.-4:40p.m.	FULLER K

Lab included. Lab Fee: \$13.80

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

▼ 1980 A 6 MWF	1:20p.m.-2:35p.m.	HSB 101	NSL
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Prerequisite: BIOL&amp; 160 or equivalent with a grade of C or better or instructor permission. Students must also enroll for one of the lab sections, BIOL&amp; 241 LA, LB, or LC. No textbook is required for this course.

Lab Fee: \$13.10

▼ 1985 DE 6 ARR	ARR
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Lab included. No textbook is required for this course.  
A subscription to ADAM interactive is required.  
Online class.**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1—LAB**

1990 LA 0 Th	9:00a.m.-11:50a.m.	HSB 306	NSL
1995 LB 0 F	9:00a.m.-11:50a.m.	HSB 306	DAILEY V

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

▼ 2005 A 6 MWF	11:10a.m.-12:25p.m.	HSB 101	NSL
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Prerequisite: BIOL&amp; 241 with a C- or better, or instructor permission. Students must also enroll for one of the lab sections, BIOL&amp; 242 LA, LB, or LC. No textbook is required for this course.

Lab Fee: \$13.10

▼ 2010 DE 6 ARR	ARR
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Lab included.  
Prerequisite: BIOL& 241 or instructor permission. Students must have access to a computer and have keyboarding experience. Contact instructor at rmeyers@lowercolumbia.edu for more information.

Online class.

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

2015 LA 0 T	9:00a.m.-11:50a.m.	HSB 306	DAILEY V
2020 LB 0 M	1:00p.m.-3:50p.m.	HSB 306	DAILEY V

**EVENING CLASSES****BIOL 150 HUMAN GENETICS/SOCIETY**

▼ 1915 N 5 W	5:15p.m.-7:30p.m.	HSB 302	NSL
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Hybrid class; partly online.

Lab included. Lab Fee: \$23.80

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

▼ 1965 N 5 M	5:15p.m.-7:30p.m.	HSB 304	NSL
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Lab included. Lab Fee: \$10.20

Hybrid class; partly online.

**Blueprint Reading****BLPT 150 MACHINIST BLUEPRINT READING**

2030 A 5 DAILY	12:10p.m.-1:00p.m.	VOC 113	WAGNER J
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## Course # Course Name

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

**Business Administration****BUS& 101 INTRODUCTION TO BUSINESS SS**

▼ 2330 A 5 M 9:00a.m.-11:00a.m. HSB 106 CUMMINGS D  
 Hybrid class; partly online.  
 ▼ 2335 B 5 Th 11:10a.m.-1:10p.m. AAR 103 ALKAZIN SE  
 Hybrid class; partly online.  
 ▼ 2340 DE 5 ARR ARR ALKAZIN SE  
 Online class.

**BUS 104 BUSINESS MATH APPLICATIONS**

▼ 2240 A 5 TTH 1:00p.m.-2:30p.m. AAR 106 CUMMINGS D  
 Hybrid class; partly online.

**BUS 119 BUSINESS COMMUNICATIONS**

▼ 2245 A 5 W 11:00a.m.-1:00p.m. LIB 130 CUMMINGS D  
 Hybrid class; partly online.

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

▼ 2250 A 5 W 1:20p.m.-3:20p.m. AAR 106 CUMMINGS D  
 Hybrid class; partly online.  
 ▼ 2255 DE 5 ARR ARR ALKAZIN SE  
 Online class.

**BUS 150 CUSTOMER SERVICE/MANAGEMENT**

▼ 2265 A 5 Th 1:20p.m.-3:20p.m. AAR 102 ALLWINE T  
 Hybrid class; partly online.  
 ▼ 2270 DE 5 ARR ARR ALLWINE T  
 Online class.

**BUS 165 SALESMANSHIP**

▼ 2275 A 5 T 1:20p.m.-3:20p.m. PSC 102 ALLWINE T  
 Hybrid class; partly online.

**BUS& 201 BUSINESS LAW**

2345 A 5 TTH 1:20p.m.-3:20p.m. MAN 125 QUIRK A  
 Prerequisite: ENGL& 101 or BUS 119 with a grade of C or better or instructor permission.  
 ▼ 2350 DE 5 ARR ARR QUIRK A  
 Prerequisite: ENGL& 101 or BUS 119 with a grade of C or better or instructor permission.  
 Online class.

**BUS 206 STATISTICAL METHODS**

2280 A 5 DAILY 8:00a.m.-8:50a.m. AAR 106 SWEE R  
 Start Date: 01/05/15 End Date: 03/13/15  
 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  
 2290 DE 5 ARR ARR CALHOON 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  
 Start Date: 01/05/15 End Date: 03/13/15

▼ 2292 IS 5 MTWTh 1:20p.m.-3:20p.m. PSC 104 DRAUS D  
 Integrative Studies: "What is normal? Society by the numbers." Students must also enroll in MATH 210 IS, item #5717, or BUS 206, item #2292, and SOC& 101, item #6657, for a total of 10 credits.

**BUS 244 HUMAN RESOURCE MANAGEMENT**

▼ 2300 DE 5 ARR ARR ALLWINE T  
 Online class.

**BUS 264 PRINCIPLES OF MARKETING**

▼ 2305 A 5 Th 11:10a.m.-1:10p.m. MAN 234 ALLWINE T  
 Hybrid class; partly online.  
 ▼ 2310 DE 5 ARR ARR ALLWINE T  
 Online class.

**BUS 294 CAREER SUCCESS**

▼ 2325 A 2 W 12:10p.m.-1:00p.m. AAR 102 HOMME S  
 Computer lab fee will be charged.  
 Hybrid class; partly online.

**EVENING CLASSES****BUS 144 MANAGEMENT HUMAN RELATIONS:DIV**

▼ 2260 N 5 Th 5:15p.m.-7:30p.m. AAR 103 BELL T  
 Hybrid class; partly online.

**Business Technology**

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

**BTEC 104 INTRODUCTION TO BUSINESS TECHNOLOGY**

▼ 2075 A 5 MWF 1:20p.m.-2:45p.m. AAR 109E GAITHER M

**BTEC 111 WORD PROCESSING I**

▼ 2095 A 5 TTh 9:00a.m.-11:00a.m. AAR 105 GAITHER M  
 See catalog for prerequisite.  
 ▼ 2100 B 5 TTh 1:00p.m.-3:00p.m. AAR 105 GAITHER M  
 See catalog for prerequisite.

**BTEC 148 INTRODUCTION TO OUTLOOK**

▼ 2150 A 1-2 Th 10:00a.m.-10:50a.m. AAR 110 HOMME S  
 Hybrid class; partly online.

**BTEC 165 CULTURAL AWARENESS FOR HEALTHCARE PROFESSIONALS**

▼ 2197 A 2 F 9:00a.m.-9:50a.m. AAR 103 GAITHER M  
 Hybrid class; partly online.

**BTEC 172 MEDICAL OFFICE PROCEDURES**

▼ 2175 A 3 TTh 1:00p.m.-2:30p.m. HSB 248 MILLUS N  
 ▼ 2180 B 3 TTh 2:30p.m.-4:00p.m. HSB 248 MILLUS N

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 2185 DE 1-3 ARR ARR RUIZ, D  
 Online class.

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 2195 DE 1-3 ARR ARR RUIZ, D  
 Online class.

**BTEC 294 CAREER SUCCESS**

▼ 2220 A 2 W 12:10p.m.-1:00p.m. AAR 102 HOMME S  
 Computer lab fee will be charged.  
 Hybrid class; partly online.

Course # Course Name

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

**EVENING CLASSES****BTEC 162 INTRODUCTION TO ICD-10 CODING**

▼ 2165 N 5 MW 5:30p.m.-7:30p.m. AAR 103 BACKSTROM K  
 Prerequisite: BTEC 161 with a grade of C or better or instructor permission.  
 Hybrid class; partly online.

**Business Technology Lab**

Any new BTEC students enrolled in arranged BTEC classes (shown as "ARR") must attend a general orientation on Monday, January 5, at 9 a.m., 11 a.m., or 1 p.m., in AAR 109, Lab 5. All (new and returning) BTEC students must also attend class-specific orientations. Schedules will be posted in AAR 109, Lab 5 on Monday, January 5.

**Please note:** Students will be dropped from the class roster if they have not attended a class-specific orientation within five days of the beginning of the quarter. If you have any questions, please contact the lab at 360.442.2710.

**BTEC Lab Hours:** Monday-Friday 8 a.m.-3:45 p.m., Tuesday until 7 p.m.

**Testing Times:** Monday-Friday 9 a.m.-2 p.m., Tuesday until 6 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**

2055 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.

**Buying Your Books**

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

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early. Students now have the option of renting many of their books as well.
- Buy books online at [lowercolumbia.edu/bookstore](http://lowercolumbia.edu/bookstore) and pick them up in-store or have them shipped to your home. Textbooks will be available online beginning November 26.

**Bookstore Hours**

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

Friday 7:30 a.m.-2:00 p.m.

\*We will be open until 6 p.m.  
 on January 5th and 6th.

**Winter book buyback**

March 16, 12-4:30 p.m.

March 17-19, 8:30 a.m.-4:30 p.m.

March 20, 8:30 a.m.-1 p.m.

**BTEC 105 KEYBOARD SPEED/ACCURACY**

2085 P 1-4 ARR ARR

AAR 109 GAITHER M

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

**BTEC 130 ELECTRONIC CALCULATORS**

2130 P 1-2 ARR ARR

AAR 109 LEMMONS N

There is no computer lab fee for this class.

**BTEC 144 ONENOTE FUNDAMENTALS**

▼ 2133 P 1 ARR ARR

AAR 109 LEMMONS N

**BTEC 145 INTRODUCTION TO MS WORD**

▼ 2135 P 1-5 ARR ARR

AAR 109 GAITHER M

**BTEC 146 FUNDAMENTALS OF POWERPOINT**

▼ 2140 P 1-2 ARR ARR

AAR 109 LEMMONS N

**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

▼ 2145 P 1-3 ARR ARR

AAR 109 GAITHER M

**BTEC 149 INTERNET FUNDAMENTALS**

▼ 2160 P 1 ARR ARR

AAR 109 GAITHER M

**BTEC 150 INTRODUCTION TO GOOGLE APPS**

▼ 2143 P 1-5 ARR ARR

AAR 109 LEMMONS N

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

▼ 2170 P 1-2 ARR ARR

AAR 109 LEMMONS N

There is no computer lab fee for this class.

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 2190 P 1-3 ARR ARR

AAR 109 LEMMONS N

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 2200 P 1-3 ARR ARR

AAR 109 LEMMONS N

**BTEC 230 LEGAL TERMINOLOGY**

▼ 2205 P 1-3 ARR ARR

AAR 109 LEMMONS N

**BTEC 299 INDEPENDENT STUDY**

2225 P 1-10 ARR ARR

STAFF

Instructor permission required to enroll.

**Chemical Dependency****EVENING CLASSES****CDS 102 INTRODUCTION TO THEORIES/COUNSELING**

2355 N 3 T 6:00p.m.-8:30p.m. MAN 235

SCHULZ P

Prerequisite: CDS 101 with a C or better.

**CDS 105 CHEMICAL DEPENDENCY/DOMESTIC VIOLENCE**

2360 N 3 Th 5:30p.m.-8:00p.m. AAR 104

MILLER S

**CDS 114 SUICIDE ASSESSMENT/PREVENTION**

2365 N 2 F 6:00p.m.-9:00p.m. VOC 112  
 Sa 9:00a.m.-6:00p.m. VOC 112

CRAPSER N  
 CRAPSER N

Class will meet on Friday, January 23 and February 27 and Saturday, January 24 and February 28.

**CDS 121 LEGAL AND ETHICAL ISSUES IN CDS**

2370 N 3 M 6:00p.m.-8:30p.m. MAN 234

SCHULZ P

**CDS 203 RELAPSE PREVENTION AND INTERVENTION**

2375 N 3 W 5:15p.m.-8:00p.m. MAN 147

CRAPSER N

## Course # Course Name

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

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

▼ 2405 A 5 MWF 11:10a.m.-12:35p.m. HSB 123 HERBELIN A

**CHEM& 110 CHEMICAL CONCEPTS W/LAB**▼ 2415 DE 5 ARR ARR  
Online class. Lab included.**CHEM& 121 INTRODUCTION TO CHEMISTRY**▼ 2420 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; partly online.

Lab Fee: \$13.20

▼ 2425 DE 5 ARR ARR PECORE J

CHEM 121 DE includes a lab component which you must complete by using the CK-271-0-1 LabPaq. Cost is \$200. Forming lab teams to share cost is encouraged. Purchase details are on Canvas page. Course text cost is \$64.90 from amazon.com. Total cost approx. \$264.90.

Online class.

**CHEM& 121 INTRODUCTION TO CHEMISTRY—LAB**2430 LA 0 Th 9:00a.m.-11:50a.m. HSB 332 KEPLER C  
2435 LB 0 Th 1:20p.m.-4:10p.m. HSB 332 KEPLER C**CHEM& 162 GENERAL CHEMISTRY**2440 A 5 MWF 8:55a.m.-9:55a.m. HSB 101 WOLFER A  
Students must also enroll for one of the lab sections, CHEM& 162 LA, LB, or LC.  
Lab Fee: \$23.80**CHEM& 162 GENERAL CHEMISTRY—LAB**2445 LA 0 T 9:00a.m.-11:50a.m. HSB 332 WOLFER A  
2450 LB 0 T 1:20p.m.-4:10p.m. HSB 332 WOLFER A  
2455 LC 0 W 1:20p.m.-4:10p.m. HSB 332 WOLFER A**CHEM& 262 ORGANIC CHEMISTRY II**2460 A 5 MWF 9:00a.m.-9:50a.m. HSB 104 HERBELIN A  
Students must also enroll for one of the lab sections, CHEM& 262 LA, or LB.  
Lab Fee: \$23.80**CHEM& 262 ORGANIC CHEMISTRY II—LAB**2465 LA 0 MW 2:20p.m.-4:10p.m. HSB 329 HERBELIN A  
2470 LB 0 TTh 9:00a.m.-10:50a.m. HSB 329 HERBELIN A**EVENING CLASSES****CHEM& 110 CHEMICAL CONCEPTS W/LAB**

2410 N 5 MW 6:00p.m.-8:45p.m. HSB 329 HERBELIN A

Lab included. Lab Fee: \$13.20

**Chinese****CHIN& 122 CHINESE II:DIV**

2475 A 5 MWF 9:00a.m.-10:25a.m. LIB 130 ZOU Y

**College Success****COLL 101 FIRST YEAR SEMINAR I**2750 A 2 MW 7:35a.m.-8:25a.m. HSB 105 STAFF  
2752 B 2 TTh 8:00a.m.-8:50a.m. AAR 102 NORWOOD K  
2756 D 2 TTh 9:00a.m.-9:50a.m. AAR 106 CONNOLLY B

▼ 2772 DE 2 ARR ARR SHULKE D

Online class.

▼ 2758 E 2 MW 10:00a.m.-10:50a.m. VOC 111 RISTER M  
2762 F 2 TTh 11:10a.m.-12:00p.m. HSB 104 CONNOLLY B  
2764 G 2 MW 1:00p.m.-1:50p.m. HSB 106 CONNOLLY B

▼ 2766 H 2 TTh 2:20p.m.-3:10p.m. MAN 207 RISTER M

▼ 2768 I 2 M 2:20p.m.-3:10p.m. AAR 106 SHULKE D  
Hybrid class; partly online.**COLL 102 FIRST YEAR SEMINAR II**2755 A 2 MW 8:00a.m.-8:50a.m. AAR 102 STAFF  
2757 B 2 TTh 9:00a.m.-9:50a.m. HSB 106 SUEK J  
2760 C 2 MW 12:10p.m.-1:00p.m. DTV 215 RISTER M  
2761 D 2 MW 10:00a.m.-10:50a.m. HSB 104 STAFF

▼ 2777 DE 2 ARR ARR SHULKE D

Online class.

2763 E 2 TTh 10:00a.m.-10:50a.m. AAR 106 NORWOOD K

▼ 2765 F 2 TTh 11:10a.m.-12:00p.m. AAR 106 RISTER M

▼ 2767 G 2 MW 11:10a.m.-12:00p.m. HSB 106 HAYES B

2769 H 2 MW 1:20p.m.-2:10p.m. HSB 105 FULLER K

2771 I 2 TTh 2:20p.m.-3:10p.m. HSB 104 STAFF

▼ 2779 HB 2 M 1:20p.m.-2:10p.m. AAR 106 MYERS L  
Hybrid class; partly online.▼ 2781 HB1 2 T 1:20p.m.-2:10p.m. AAR 102 MYERS L  
Hybrid class; partly online.**EVENING CLASSES****COLL 101 FIRST YEAR SEMINAR I**

2774 N 2 MW 6:00p.m.-6:50p.m. AAR 102 NORWOOD K

**COLL 102 FIRST YEAR SEMINAR II**

2773 N 2 MW 6:00p.m.-6:50p.m. AAR 104 STAFF

**Computer Science**

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

**CS 100 INTRODUCTION TO INFORMATION SYSTEMS**▼ 2780 A 5 Th 1:20a.m.-3:20p.m. HSB 106 HOMME S  
Students must log into class prior to first Thursday.  
Hybrid class; partly online.**CS 102 WEB PAGE DESIGN**

2785 A 5 MWF 9:00a.m.-10:40a.m. AAR 110C ROSI D

**CS 110 MICROCOMPUTER APPLICATIONS**▼ 2790 A 3 MWF 10:00a.m.-10:50a.m. AAR 105 HOMME S  
▼ 2795 B 3 TTh 11:10a.m.-12:25p.m. AAR 105 HOMME S  
▼ 2800 DE 3 ARR ARR ROSI D  
Online class.**CS 111 INTRODUCTION TO WINDOWS**

▼ 2810 A 4 TTh 11:00a.m.-1:00p.m. HSB 107 DERKACHT D

**Course # Course Name****▼ Item# Sec. # Cred. # Days Time Place Instructor****CS 121 INTRODUCTION TO SPREADSHEETS**

▼ 2815 A 5 MWF 9:00a.m.-10:25a.m. AAR 109E LEMMONS N  
 Prerequisites: BTEC 104 or CS 110, Math 089 or BUS 104, or instructor permission.

▼ 2820 DE 5 ARR ARR LEMMONS N  
 Prerequisites: BTEC 104 or CS 110, Math 089 or BUS 104, or instructor permission.  
 Online class.

**CS 130 INTRODUCTION TO DATABASE APPLICATIONS**

▼ 2825 A 5 TTh 9:00a.m.-10:30a.m. AAR 109E LEMMONS N  
 Prerequisite: CS 121 with a grade of C or better, or instructor permission.  
 Hybrid class; partly online.

**CS 142 PC TECHNICIAN II**

▼ 2835 A 5 MW 2:00p.m.-3:00p.m. VOC 119 JUNEMAN D  
 Hybrid class; partly online.

**CS 170 PROGRAMMING FUNDAMENTALS**

2840 A 5 MWF 11:10a.m.-12:50p.m. AAR 105 DERKACHT D  
 Prerequisite: MATH 089 with a grade of C or better and knowledge of Windows or instructor permission.

**CS 208 INTRODUCTION MANAGEMENT INFORMATION SYSTEMS**

▼ 2845 A 5 MWF 1:10p.m.-2:00p.m. AAR 102 ROSI D  
 Hybrid class; partly online.

**CS 212 CONFIGURING WINDOWS SERVER AD**

▼ 2850 A 5 T 1:20p.m.-3:25p.m. VOC 119 JUNEMAN D  
 Prerequisite: CS 211 with a grade of C or better, or instructor permission.  
 Hybrid class; partly online.

**CS 249 ADVANCED OPERATING SYSTEMS**

▼ 2855 A 5 ARR ARR ROSI D  
 Students must attend an orientation on Tuesday, Jan. 6 at 11:10 a.m. in VOC 117.  
 Additional lab time required on Tuesdays, 11:10 a.m. - 12:00 p.m. or Wednesdays, 4:10 p.m. - 5:10 p.m.  
 Hybrid class; partly online.

**CS 275 OBJECT-ORIENTED PROGRAMMING IN JAVA**

2870 A 5 MWF 1:20p.m.-2:45p.m. AAR 105 DERKACHT D  
 Prerequisite: CS 170 with a grade of C or better or instructor permission.

**CS 282 ASSEMBLY LANGUAGE PROGRAMMING**

2875 A 5 MW 3:00p.m.-6:00p.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 more 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 4-5 p.m. or 5:30-6:30 on December 11, 2014. Orientations will be held in the Career Center, located in the Admissions Building, room 120.

Cooperative Ed 288 students must also enroll in a 1-credit Cooperative Education 289 seminar. The seminar focuses on work-related topics that complement the student's work-based learning experience. The seminar meets weekly on Thursdays from noon until 1 p.m. in the Main Building (MAN), Room 149. A \$13.70 lab fee will be charged for all 288 classes

ACCT	288	1610	CJ	288	2500	ICP	288	5015
ACCT	289	1615	CJ	289	2505	LIBR	288	5240
AH	288	1685	ECED	288	3045	LIBR	289	5245
AH	289	1690	ECED	289	3050	MASP	288	5355
AMTC	288	1720	EDUC	288	3130	MASP	289	5360
AMTC	289	1725	EDUC	289	3135	MATH	288	5730
ART	288	1860	ENGR	288	3535	MATH	289	5735
ART	289	1865	ENGR	289	3540	MEDA	288	5855
BUS	288	2315	ENVS	288	3575	MEDA	289	5860
BUS	289	2320	ENVS	289	3580	MUSC	288	6040
BTEC	288	2210	FISC	288	4460	MUSC	289	6045
BTEC	289	2215	FISC	289	4465	PSYC	288	6520
CDS	288	2380	HLTH	288	4710	PSYC	289	6525
CDS	289	2385	HLTH	289	4715	SPCH	288	6800
CHEM	288	2395	HDEV	288	4590	SPCH	289	6805
CHEM	289	2400	HDEV	289	4595	WELD	288	7195
CS	288	2880				WELD	289	7200
CS	289	2885						

**Criminal Justice****CJ 154 AMERICAN LEGAL SYSTEM**

2480 A 5 TTh 8:00a.m.-9:50a.m. PSC 104 QUIRK A  
 ▼ 2485 DE 5 ARR ARR QUIRK A  
 Online class.

**CJ 181 REPORT WRITING FOR LAW**

▼ 2490 A 3 F 1:10p.m.-2:00p.m. MAN 146 QUIRK A  
 Hybrid class; partly online.

**CJ 183 ADMINISTRATION OF JUSTICE**

2495 A 5 TTh 1:20p.m.-3:20p.m. MAN 235 HAMILTON A

## Course # Course Name

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

## Dance

## DANCE 100 INTRODUCTION TO DANCE

▼ 2890 A 2 MW 3:30p.m.-4:45p.m. RCA 139 DICK V

## DANCE 152 SHOW DANCE II

▼ 2895 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 102 DICK V

## DANCE 252 SHOW DANCE V

▼ 2896 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 102 DICK V

## Diesel/Heavy Equipment Technology

There is a fee of \$11.40 per student per quarter for all DHET classes.

## DHET 101 ELECTRICAL SYSTEMS I

2900 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K  
Start Date: 01/05/15 End Date: 01/22/15

## DHET 102 ELECTRICAL SYSTEMS II

2915 A 10 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K  
Start Date: 01/26/15 End Date: 03/12/15

## DHET 210 DIESEL ENGINE REBUILD

2930 A 16 MTWTh 12:00p.m.-4:30p.m. DTV 123 DILLINGER J

## DHET 299 INDEPENDENT STUDY

2935 A 1-2 ARR ARR STAFF  
Instructor permission required to enroll.

## Drafting

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

## EVENING CLASSES

## DRFT 107 TECHNICAL GRAPHICS

2940 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

## DRFT 151 COMPUTER AIDED DRAFTING

2945 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

## DRFT 210 ADVANCED TECHNICAL GRAPHICS

2950 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K  
Prerequisite: DRFT 107 or permission of instructor.

## DRFT 252 3D COMPUTER AIDED DRAFTING

2955 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

## DRFT 260 SURVEY OF CIVIL AND ARCHITECTURAL GRAPHICS

2960 N 3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

## Drama

## DRMA &amp; 101 INTRODUCTION TO THEATRE

3001 A 5 MWF 11:10a.m.-12:35p.m. MAN 145 STAFF

## DRMA 107 INTRODUCTION TO ACTING II

2965 A 5 TTh 1:00p.m.-3:30p.m. RCA 131 H,P CORRELL D

## DRMA 116 STAGE CRAFTS I

2970 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

## DRMA 117 STAGE CRAFTS II

2975 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

## DRMA 118 STAGE CRAFTS III

2980 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

## DRMA 207 ACTING II

2990 A 5 TTh 1:00p.m.-3:30p.m. RCA 131 P CORRELL D

## EVENING CLASSES

## DRMA 197 REHEARSAL &amp; PERFORMANCE II

2985 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 P CORRELL D

Enrollment restricted to students in current production.

## DRMA 297 REHEARSAL &amp; PERFORMANCE V

2995 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 P CORRELL D

Enrollment restricted to students in current production.

## Early Childhood Education

## ECED &amp; 100 CHILD CARE BASICS

▼ 3055 DE 3 ARR ARR AKINS-FIELDS

Online class.

## ECED &amp; 105 INTRODUCTION EARLY CHILDHOOD EDUCATION

▼ 3060 A 5 Th 3:30p.m.-6:30p.m. SCI 108 AKINS-FIELDS

## ECED &amp; 132 INFANTS/TODDLER CARE

▼ 3070 DE 3 ARR ARR ZBAEREN J

Online class.

## ECED &amp; 139 ADMIN EARLY LANGUAGE PROG

▼ 3080 DE 3 ARR ARR ZBAEREN J

Online class.

Lab Fee: \$5.00

## ECED 187 LANGUAGE DEVELOPMENT FOR INFANTS AND TODDLERS

▼ 3010 DE 3 ARR ARR BOURSAW S

Online class.

## ECED 204 MUSIC/MOVEMENT/CHILDREN

▼ 3015 A 3 T 4:00p.m.-7:00p.m. SCI 108 WILLIAMSON A

## ECED 220 ARTS AND CRAFTS FOR YOUNG CHILDREN

▼ 3025 A 3 T 10:00a.m.-1:00p.m. SCI 108 WILLIAMSON A

## ECED 260 PRACTICUM IV/PROFESSIONALISM

▼ 3035 A 3 W 2:00p.m.-3:00p.m. SCI 108 WILLIAMSON

Instructor permission required to enroll.

## EVENING CLASSES

## ECED &amp; 120 PRACTICUM-NURTURING RELATIONSHIPS

▼ 3085 N 2 M 6:30p.m.-7:30p.m. SCI 108 AKINS-FIELDS

## Course # Course Name

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

**Earth Science****ERSI 105 EARTH SYSTEMS**

NSL

▼ 3585 DE 5 ARR ARR  
Online class.

BARD E

**Economics****ECON 105 INTRODUCTION TO ECONOMICS**

SS

▼ 3090 A 5 MTWTh 11:00a.m.-11:50a.m. RCA 220  
Hybrid class; partly online.

FRANZ J

▼ 3095 DE 5 ARR ARR  
Online class.

FRANZ J

**ECON& 201 MICRO ECONOMICS**

SS

▼ 3100 A 5 TTh 9:00a.m.-10:25a.m. RCA 220  
Hybrid class; partly online.

FRANZ J

**ECON& 202 MACRO ECONOMICS**

SS

3105 DE 5 ARR ARR

FRANZ J

Contact the instructor at jfranz@lowercolumbia.edu for more information.  
Online class.**Education****EDUC& 130 GUIDING BEHAVIOR**▼ 3150 A 3 M 1:00p.m.-3:00p.m. SCI 108 ZBAEREN J  
Hybrid class; partly online.**EDUC 140 EDUCATION AND THE LAW**

3115 MM 3 ARR ARR

QUIRK A

**EDUC 191 INTRODUCTION TO TUTORING**

▼ 3120 DE 1 ARR ARR WILLIAMSON A

**EDUC& 203 EXCEPTIONAL CHILD**▼ 3160 A 3 Th 1:00p.m.-3:00p.m. SCI 108 ZBAEREN J  
Hybrid class; partly online.**EDUC& 205 INTRODUCTION TO EDUCATION W/FIELD EXPERIENCE:DIV D**▼ 3165 A 5 MW 10:00a.m.-11:30a.m. SCI 108 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& 121 ENGINEERING GRAPHICS I**

▼ 3545 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 MORRISON D

**ENGR& 122 ENGINEERING GRAPHICS II**▼ 3550 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 MORRISON D  
Prerequisite: ENGR& 121 or instructor permission.**ENGR& 123 ENGINEERING GRAPHICS III**

▼ 3555 A 1-3 MW 2:00p.m.-4:15p.m. VOC 113 MORRISON D

**ENGR& 215 DYNAMICS**

▼ 3560 A 5 MWThF 1:00p.m.-2:05p.m. HSB 135 MORRISON D

**English****ENGL 096 READING WORKSHOP I**

3195 MM 2 ARR ARR MAN 148 LEACH M

**ENGL 097 READING WORKSHOP II**

3200 MM 2 ARR ARR MAN 148 LEACH M

**ENGL 098 COLLEGE READY ENGLISH I**

3205 A 5 MWF 7:25a.m.-8:50a.m. DTV 214 SHULKE D

3210 B 5 DAILY 8:00a.m.-8:50a.m. MAN 147 CONNOLLY B

▼ 3215 DE 5 ARR ARR LEMIERE A

Online class.

3220 E 5 DAILY 9:00a.m.-9:50a.m. DTV 214 ONODY L

3230 G 5 DAILY 10:00a.m.-10:50a.m. DTV 232 ONODY L

3240 I 5 DAILY 11:10a.m.-12:00p.m. DTV 214 ONODY L

▼ 3245 IT 5 MTWTh 9:00a.m.-11:10a.m. MAN 147 DIGERLANDO N

Integrative Studies: Communicating Across Culture: Negotiating Invisible Barriers. Students must enroll in ENGL 098 IT, #3245, or ENGL 099 IT, #3305, or ENGL&amp; 101 IT, #3435, and SPCH 109 IT, #6732, for a total of 10 credits.

3250 K 5 DAILY 1:20p.m.-2:10p.m. DTV 232 SHULKE D

**ENGL 099 COLLEGE READY ENGLISH II**

3265 A 5 MWF 7:25a.m.-8:50a.m. DTV 214 SHULKE D

3270 B 5 DAILY 8:00a.m.-8:50a.m. MAN 147 CONNOLLY B

▼ 3275 DE 5 ARR ARR LEMIERE A

Online class.

3280 E 5 DAILY 9:00a.m.-9:50a.m. DTV 214 ONODY L

3290 G 5 DAILY 10:00a.m.-10:50a.m. DTV 232 ONODY L

3300 I 5 DAILY 11:10a.m.-12:00p.m. DTV 214 ONODY L

▼ 3305 IT 5 MTWTh 9:00a.m.-11:10a.m. MAN 147 DIGERLANDO N

Integrative Studies: Communicating Across Culture: Negotiating Invisible Barriers. Students must enroll in ENGL 098 IT, #3245, or ENGL 099 IT, #3305, or ENGL&amp; 101 IT, #3435, and SPCH 109 IT, #6732, for a total of 10 credits.

3310 K 5 DAILY 1:20p.m.-2:10p.m. DTV 232 SHULKE D

**ENGL& 101 ENGLISH COMPOSITION I**

▼ 3390 A 5 DAILY 8:00a.m.-8:50a.m. MAN 203 RISTER M

3395 B 5 DAILY 9:00a.m.-9:50a.m. DTV 215 BAUER H

3400 C 5 DAILY 10:00a.m.-10:50a.m. DTV 215 BAUER H

▼ 3405 DE 5 ARR ARR FRANCKIEWICZ

Online class.

▼ 3410 DE1 5 ARR ARR MCCARTHY D

Online class.

▼ 3415 E 5 M 1:10p.m.-3:00p.m. MAN 205 DIGERLANDO N

Hybrid class; partly online.

▼ 3420 G 5 TTh 11:10a.m.-1:10p.m. AAR 108 PERSONS C

▼ 3425 H 5 DAILY 10:00a.m.-10:50a.m. AAR 104 PERSONS C

▼ 3430 I 5 MWF 11:10a.m.-12:35p.m. DTV 232 PERSONS C

▼ 3435 IT 5 MTWTh 9:00a.m.-11:10a.m. MAN 147 DIGERLANDO N

Integrative Studies: Communicating Across Culture: Negotiating Invisible Barriers. Students must enroll in ENGL 098 IT, #3245, or ENGL 099 IT, #3305, or ENGL&amp; 101 IT, #3435, and SPCH 109 IT, #6732, for a total of 10 credits.

3440 J 5 MWF 1:20p.m.-2:45p.m. MAN 147 NORWOOD K

▼ 3445 K 5 TTh 1:20p.m.-3:20p.m. DTV 214 DIGERLANDO N

# Winter Events at Lower Columbia College



## ROSE CENTER FOR THE ARTS

### ART GALLERY

#### Fall 2014

Becky Knold

November 4 – December 4

#### Winter 2015

Kendra Larson,  
Heather Goodwind

January 7 – 29

Opening Reception:  
January 6, 4-6 p.m.

Alex Peyton-Levine,  
Tom Relth

February 18 – March 12

Opening Reception:  
February 17, 4-6 p.m.

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

### THEATRE

#### *Sherlock Holmes: The Final Adventure*

by Steven Dietz

Doctor Watson tells the story in a series of flashbacks of the events that lead up to the final saga of Sherlock Holmes.

November 19-22; 28, 29; December 4-6



#### *Book of Days*

by Lanford Wilson

Set in a small town dominated by a cheese plant, a fundamentalist church, and a community theater, *Book of Days* is a fascinating, gasp-worthy murder mystery.

February 25-28; March 5-7; 12-14

#### *Auditions: January 5-6, 6-9 p.m.*

*Auditions are open to all college  
and community members*

7:30 p.m. • Center Stage Theatre

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

### CHOIR CONCERT

#### *Carols from Around the World*

Music  
to get  
you in the  
holiday  
spirit.



**Friday  
December 12**

### LCC BAND & CHOIR CONCERTS

#### Fall 2014

Opera Gala	November 20
Symphonic Band	December 5
Jazz Night	December 9
Choir Concert	December 12



#### Winter 2015

Opera Gala	February 26
Symphonic Band	March 6
Jazz Night	March 10
Choir Concert	March 13

All performances start at 7:30 p.m. in the Wollenberg Auditorium • Tickets & Info: [lowercolumbia.edu/aande](http://lowercolumbia.edu/aande)

# Community Celebrates Building A Healthy Future

LCC faculty, staff, retirees and students were joined by 1,200 community members September 19 and 20 to celebrate the opening of the new Health and Science Building. Photos (clockwise from left): Chemistry Instructor Adam Wolfer shares an experiment with visitors; simulator mannequins for nursing students greet guests to the nursing lab; future scientists explore new fields at OMSI and Mount St. Helen's Institute sessions; former LCC President Jim McLaughlin and wife Chris help dedicate the McLaughlin Community Resource Center; Paul Laufman, LCC Class of 1958, presents the first lecture in the Laufman Lecture Hall, and young visitors get an up-close look at reptiles.



## Course # Course Name

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

## ENGL&amp; 102 COMPOSITION II

HA

▼ 3455 A	5	MW	9:00a.m.-11:00a.m.	MAN 205	HULL K
▼ 3460 B	5	TTh	11:10a.m.-1:10p.m.	MAN 207	LEMIERE A
▼ 3465 C	5	TTh	9:00a.m.-11:00a.m.	MAN 119	LEMIERE A
▼ 3470 D	5	TTh	9:00a.m.-11:00a.m.	HSB 104	ROOSE J
▼ 3475 DE	5	ARR	ARR		MCCARTHY D
Online class.					
▼ 3480 DE1	5	ARR	ARR		MCCARTHY D
Online class.					
3485 E	5	TTh	11:10a.m.-1:10p.m.	MAN 125	MOIR D
▼ 3490 F	5	MWF	11:10a.m.-12:45p.m.	DTV 233	MOIR D
▼ 3495 G	5	MW	8:00a.m.-9:50a.m.	PSC 104	DAWKINS W
▼ 3500 H	5	MW	1:20p.m.-3:20p.m.	MAN 203	HULL K
▼ 3505 I	5	TTh	1:20p.m.-3:20p.m.	AAR 104	LEMIERE A
3508 J	5	MWF	10:00a.m.-12:10a.m.	MAN 207	STAFF
▼ 3510 K	5	MW	9:00a.m.-10:50a.m.	MAN 234	FRANCKIEWICZ

## ENGL 110 INDUSTRIAL COMMUNICATION

▼ 3330 A	5	DAILY	11:10a.m.-12:00p.m.	DTV 214	ROOSE J
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## ENGL 125 ARTS MAGAZINE PUBLICATION I

3335 A 2 F 1:00p.m.-3:00p.m.

MAN 149

BAUER H

## ENGL 225 ARTS MAGAZINE PUBLICATION IV

▼ 3355 A	2	F	1:00p.m.-3:00p.m.	MAN 149	BAUER H
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## ENGL 231 CREATIVE WRITING

▼ 3360 A	5	TTh	9:00a.m.-11:00a.m.	AAR 103	HULL K
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## ENGL 232 CREATIVE WRITING

▼ 3365 A	5	TTh	9:00a.m.-11:00a.m.	AAR 103	HULL K
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## ENGL 233 CREATIVE WRITING

▼ 3370 A	5	TTh	9:00a.m.-11:00a.m.	AAR 103	HULL K
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## ENGL&amp; 235 TECHNICAL WRITING

H

▼ 3520 A	5	T	1:20p.m.-3:20p.m.	LIB 130	ROOSE J
This course is intended for students enrolled in Science, Business, and Computer Science programs.					
Hybrid class; partly online.					

## ENGL&amp; 244 AMERICAN LITERATURE I

H

3525 A 5 MW 1:20p.m.-3:20p.m.

MAN 147

BAUER H

## ENGL 280 MULTICULTURAL LITERATURE:DIV

D

▼ 3522 DE	5	ARR	ARR		MCCARTHY D
Online class.					

## EVENING CLASSES

## ENGL 098 COLLEGE READY ENGLISH I

3255 N 5 MW 6:00p.m.-8:00p.m. MAN 207 STOWELL B

## ENGL 099 COLLEGE READY ENGLISH II

3315 N 5 MW 6:00p.m.-8:00p.m. MAN 207 STOWELL B

## ENGL&amp; 101 ENGLISH COMPOSITION I

▼ 3450 N 5 T 6:00p.m.-8:15p.m. MAN 147 MOIR D

Hybrid class; partly online.

## ENGL&amp; 102 COMPOSITION II

▼ 3515 N 5 Th 6:00p.m.-8:15p.m. MAN 205 WALKER N

Hybrid class; partly online.

## Environmental Science

## ENVS 150 ENVIRONMENT &amp; SOCIETY:DIV

D, NS

▼ 3565 A 5 T 1:20p.m.-3:20p.m. HSB 135 LAPIERRE L

Hybrid class; partly online.

## Fire Science

## FISC 101 INTRODUCTION TO FIRE PROTECTION

▼ 4440 DE 3 ARR ARR NEW M

Online class.

## FISC 205 FIRE INVESTIGATION/CAUSE DETERMINATION

4443 A 3 T 1:30p.m.-4:00p.m. DTV 202 NEW M

## FISC 207 FIRE APPARATUS AND PUMPING EQUIPMENT

4450 A 3 M 1:30p.m.-4:00p.m. DTV 202 NEW M

## FISC 210 BUILDING CONSTRUCTION FOR FIRE PROTECTION

4455 A 3 W 1:30p.m.-4:00p.m. DTV 202 NEW M

## EVENING CLASSES

## FISC 170 EMERGENCY MEDICAL TECHNICIAN I

4445 N 8 TTh 6:00p.m.-10:00p.m. DTV 202 STEWART R

Instructor permission required to enroll.

Lab Fee: \$600.00



## ENGL 280: Multicultural Literature

## Many Cultures: One World

- Read stories and books by award-winning authors.
- Analyze the effects that gender, ethnicity, class, sexual orientation, race, religion and ideology have on our world.
- Understand diverse cultures.
- Satisfies DTA and LCC Multicultural requirements.

Online class. Instructor: David McCarthy PhD

## Geography

**GEOG 105 PHYSICAL GEOGRAPHY NSL**

4470 A 5 MWF 11:10a.m.-12:00p.m. HSB 139 CORDERO D  
 This course must be taken with the lab section, GEOG 105 LA or GEOG 105 LB.  
 Field trips may be required.  
 Lab Fee: \$10.80

4472 B 5 MWF 12:10p.m.-1:50p.m. HSB 139 CORDERO D  
 This course must be taken with the lab section, GEOG 105 LA or GEOG 105 LB.  
 Field trips may be required.  
 Lab Fee: \$10.80

**GEOG 105 PHYSICAL GEOGRAPHY—LAB**

4473 LA 0 TTh 12:00p.m.-1:50p.m. HSB 139 CORDERO D  
 4474 LB 0 TTh 2:00p.m.-3:50p.m. HSB 139 CORDERO D

## Geology

**GEOL& 101 INTRODUCTION PHYSICAL GEOLOGY NSL**

4475 A 5 MWF 9:00a.m.-9:50a.m. HSB 139 CORDERO D  
 Lab included. Lab Fee: \$17.10

**GEOL& 208 GEOLOGY OF PACIFIC NORTHWEST NSL**

▼ 4485 DE 5 ARR ARR DAWES R  
 Online class. Lab included.

## Health

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

**HLTH 100 OCCUPATIONAL SAFETY AND HEALTH**

4655 A 3 MW 11:10a.m.-12:25p.m. DTV 202 JOHNSON B  
 ▼ 4660 B 3 Th 1:30p.m.-2:45p.m. DTV 202 JOHNSON B

Hybrid class; partly online.  
 ▼ 4675 HB 3 ARR ARR JOHNSON B  
 The 1st Aid/CPR will be held on Saturday, January 24, from 8:00 a.m.-5:00 p.m. in DTV 202.  
 Hybrid class; partly online.

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

4690 A 1 F 1:00p.m.-2:50p.m. DTV 202 JOHNSON B

Lab Fee: \$12.50  
 Class meets on Friday, Jan. 9, Jan. 16, Jan. 23, Jan. 30 and Feb. 6, 2015.

**HLTH 106 HEALTH TODAY SSA**

▼ 4695 B 2 Th 12:00p.m.-12:50p.m. VOC 111 SANCHEZ E  
 Hybrid class; partly online.

▼ 4700 DE 2 ARR ARR ROSS E  
 Students must log into canvas for class instructions and syllabus.  
 Online class.

**HLTH 135 FOOD AND FITNESS**

4705 A 2 TTh 10:00a.m.-10:50a.m. VOC 111 ROSS E

## 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.

<b>HSC 075</b>	<b>INTRODUCTION TO DRAMA</b>	<b>4860</b>
<b>HSC 076</b>	<b>FAMILY LIFE</b>	<b>4865</b>
<b>HSC 079</b>	<b>MATH CONCEPTS-GEOMETRY</b>	<b>4875</b>
<b>HSC 080</b>	<b>MATH CONCEPTS-ALGEBRA</b>	<b>4880</b>
<b>HSC 081</b>	<b>CULMINATING PROJECT</b>	<b>4885</b>
<b>HSC 083</b>	<b>CAREER PLANNING</b>	<b>4890</b>
<b>HSC 085</b>	<b>HEALTH</b>	<b>4895</b>
<b>HSC 086</b>	<b>INTRODUCTION TO LITERATURE</b>	<b>4900</b>
<b>HSC 087</b>	<b>INTRODUCTION TO POETRY</b>	<b>4905</b>
<b>HSC 088</b>	<b>INTRODUCTION TO WRITING</b>	<b>4910</b>
<b>HSC 089</b>	<b>ENGLISH ESSENTIALS</b>	<b>4915</b>
<b>HSC 090</b>	<b>NATURAL HAZARDS</b>	<b>4920</b>
<b>HSC 091</b>	<b>ENVIRONMENTAL SCIENCE</b>	<b>4925</b>
<b>HSC 092</b>	<b>CIVICS</b>	<b>4930</b>
<b>HSC 093</b>	<b>US HISTORY I</b>	<b>4935</b>
<b>HSC 094</b>	<b>US HISTORY II</b>	<b>4940</b>
<b>HSC 095</b>	<b>WASHINGTON STATE HISTORY</b>	<b>4945</b>
<b>HSC 096</b>	<b>CONTEMPORARY WORLD PROBLEMS</b>	<b>4950</b>
<b>HSC 097</b>	<b>PERSONAL FINANCE</b>	<b>4955</b>

## History

**HIST& 127 WORLD CIVILIZATION II:DIV D, SS**

▼ 4610 A 5 TTh 9:00a.m.-11:00a.m. MAN 233 SHAH C

**HIST& 136 US HISTORY 1 SS**

▼ 4615 A 5 MWF 12:20p.m.-1:45p.m. MAN 234 STAFF

▼ 4620 B 5 TTh 1:20p.m.-3:20p.m. HSB 123 VAUGHN C

▼ 4625 DE 5 ARR ARR AUSTIN K

Online class.

**HIST& 137 US HISTORY 2 SS**

▼ 4630 A 5 MWF 1:20p.m.-2:45p.m. MAN 145 SHAH C

▼ 4640 DE 5 ARR ARR AUSTIN K

Online class.

**HIST 214 SPORTS IN AMERICAN HISTORY SS**

4650 DE 5 ARR ARR SHAH C

**HIST 254 HISTORY OF WASHINGTON AND PACIFIC NW SS**

▼ 4605 DE 5 ARR ARR AUSTIN K

Online class.

## EVENING CLASSES

**HIST& 137 US HISTORY 2 SS**

▼ 4645 N 5 TTh 6:00p.m.-8:15p.m. MAN 234 STAFF

Course # Course Name

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

## Home & Family Life

### HOFL 299 INDEPENDENT STUDY

▼ 4845 A 1-10 ARR ARR  
Instructor permission required to enroll.

HFL WILLIAMSON A

## Human Development

### HDEV 080 TRANSITIONS

4515 POP 2 TWT 8:40a.m.-11:00a.m. HS SWIER K

### HDEV 101 CAREER PLANNING

4520 A 1-2 TTH 11:00a.m.-12:00p.m. MAN 148  
Mandatory workshops throughout the quarter.  
4525 B 1-2 TTH 12:10p.m.-1:30p.m. MAN 148  
Mandatory workshops throughout the quarter.  
Start date: 02/02/15

HOUGE J

HOUGE J

### HDEV 115 STRESS MANAGEMENT

4530 A 2 F 12:00p.m.-1:40p.m. MAN 203 HEDGLIN P

### HDEV 117 LEADERSHIP AND STUDENT GOVERNMENT

4535 A 1-3 T 11:10a.m.-1:10p.m. STC AHMADIFARD R  
Th 11:10a.m.-12:00p.m. STC AHMADIFARD R

Instructor permission required to enroll.

AHMADIFARD R

AHMADIFARD R

### HDEV 120 INDIVIDUAL & GROUP RELATIONS

4545 A 1-2 T 2:10p.m.-4:10p.m. DTV 233 MCNABB A  
For class information, contact instructor at amcnabb@lowercolumbia.edu

MCNABB A

### HDEV 128 TRANSFER PLANNING

4550 A 1 W 2:00p.m.-3:00p.m. MAN 148 WALKER N

### HDEV 145 ANGER MANAGEMENT

4570 A 2 F 3:10p.m.-4:50p.m. AAR 103 STAFF

### HDEV 217 LEADERSHIP AND STUDENT GOVERNMENT

4575 A 1-3 T 11:10a.m.-1:10p.m. STC AHMADIFARD R  
Th 11:10a.m.-12:00p.m. STC AHMADIFARD R

Instructor permission required to enroll.

AHMADIFARD R

AHMADIFARD R

### HDEV 299 INDEPENDENT STUDY

4600 A 1-10 ARR STAFF  
Instructor permission required to enroll.

ARR STAFF

## Humanities

### HUM 104 ETHICS AND CULTURAL VALUES

4980 A 5 DAILY 10:00a.m.-10:50a.m. PSC 102 D,H

LEACH M

### HUM 106 COMMUNITY CONVERSATIONS

▼ 4985 A 1 Th 12:00p.m.-1:00p.m. RCA 123 SHAH C  
Topic - "Turning Points in Science"

SHAH C

### HUM 107 HOW TO SEE A PLAY

4990 A 1 ARR ARR H CORRELL D

Students must contact the instructor by February 20, 2015 by email at dcorrell@lowercolumbia.edu or check website for instructor office hours in RCA 137.

### HUM 164 CULTURAL JOURNEYS:DIV

4995 A 5 TTh 9:00a.m.-11:00a.m. MAN 145 D, H SHAW D

A Soulful Journey: An exploration of the cultural journey of African Americans through their art, literature, music and history.

### HUM 230 THINKING ABOUT THINKING

▼ 5000 DE 5 ARR ARR H  
Online class.

MCCARTHY D

### HUM & 117 HUMANITIES II

5005 A 5 DAILY 12:00p.m.-12:50p.m. RCA 220 LEACH M

## 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

### ICP 101 PHARMACY STANDARDS & LAW

5010 A 1 ARR ARR SCHURMAN J

### ICP 291 COOP EDUCATION SEMINAR

▼ 5020 A 2 MW 12:10p.m.-1:00p.m. MAN 205 YARBROUGH S  
Hybrid class; partly online.

▼ 5025 B 2 WF 1:10p.m.-2:00p.m. AAR 104 YARBROUGH S  
Hybrid class; partly online.

### ICP 299 INDEPENDENT STUDY

5030 A 1-10 ARR ARR 5035 M 1-1 ARR ARR STAFF

## Machine Trades

There is a fee of \$11.40 per student per quarter for all MASP classes.

### MASP 107 MACHINING FOR RELATED OCCUPATIONS

5255 A 2-6 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

### MASP 111 MACHINE SHOP I

5270 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

### MASP 112 MACHINE SHOP II

5285 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K  
Prerequisite: 10 credits of MASP 107 and/or MASP 111.

### MASP 113 MACHINE SHOP III

5295 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

5305 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 FUNDMENTALS

5315 MK 3 ARR ARR TODD K  
Please contact the instructor at 360-442-2745 or ktodd@lcc.ctc.edu for more information.

## Course # Course Name

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

**MASP 205 CNC TURNING CENTER FUNDMENTALS**

5320 MK 3 ARR ARR

Please contact the instructor at 360-442-2745 or ktodd@lcc.ctc.edu for more information.

TODD K

**MASP 221 CNC MILLING**

5325 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114

TODD K

Prerequisite: MASP 204.

**MASP 222 CNC TURNING**

5335 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114

TODD K

Prerequisite: MASP 205

**MASP 223 ADVANCED CNC PROCESSES**

5345 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 FOR RELATED OCCUPATIONS**

5260 N 2 W 6:00p.m.-9:00p.m. VOC 114

WAGNER J

**MASP 111 MACHINE SHOP I**

5280 N 2 W 6:00p.m.-9:00p.m. VOC 114

WAGNER J

**MASP 112 MACHINE SHOP II**

5290 N 2 W 6:00p.m.-9:00p.m. VOC 114

WAGNER J

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

**MASP 113 MACHINE SHOP III**

5300 N 2 W 6:00p.m.-9:00p.m. VOC 114

WAGNER J

Prerequisite: 10 credits of MASP 112.

**MASP 114 MACHINE SHOP IV**

5310 N 2 W 6:00p.m.-9:00p.m. VOC 114

WAGNER J

Prerequisite: 10 credits of MASP 113.

**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

**Winter Dates:**

**November 20, 5-8 p.m.**

**December 10, 9 a.m.-12 p.m.**

**Registration Required**

**Manufacturing****MFG 130 MATERIAL SCIENCE**

5870 A 5 TTh 1:00p.m.-3:00p.m. VOC 113

TODD K

**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, 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**

5375 A 1 DAILY 9:00a.m.-9:50a.m. AAR 102

BYKER B

Start Date: 01/05/15 End Date: 01/30/15

**MATH 078 PRE-COLLEGE MATH I**

5376 A 3 DAILY 9:00a.m.-9:50a.m. AAR 102

BYKER B

Start Date: 02/02/15 End Date: 03/13/15

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

5390 and 5391 B DAILY 8:00a.m.-8:50a.m. AAR 104

BABBIK L

5395 and 5396 C DAILY 9:00a.m.-9:50a.m. AAR 104

STETZER J

5400 and 5401 D DAILY 10:00a.m.-10:50a.m. MAN 146

BYKER B

5405 and 5406 E DAILY 10:00a.m.-10:50a.m. AAR 102

BABBIK L

5415 and 5416 G DAILY 11:10a.m.-12:00p.m. AAR 102

BABBIK L

5420 and 5421 H MWThF 12:10p.m.-1:10p.m. MAN 147

BRIEN R

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

5470 and 5471 K DAILY 12:10p.m.-1:00p.m. AAR 104

STETZER J

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

5495 and 5496 L DAILY 8:00a.m.-8:50a.m. LIB 130

SKEIE M

5500 and 5501 M DAILY 9:00a.m.-9:50a.m. PSC 102

BABBIK L

5515 and 5516 R MWF 9:00a.m.-10:25a.m. MAN 145

HEBERT M

5520 and 5521 S DAILY 10:00a.m.-10:50a.m. MAN 125

STETZER J

5530 and 5531 U DAILY 11:10a.m.-12:00p.m. AAR 104

SWEET R

5535 and 5536 V DAILY 11:10a.m.-12:00p.m. MAN 146

MORRISON D

5485 and 5486 DE ARR ARR

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

5600 and 5601 Y DAILY 10:00a.m.-10:50a.m. DTV 214

BRIEN R

## Course # Course Name

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

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

5605 and 5606 AA	DAILY	9:00a.m.-9:50a.m.	MAN 146	SKEIE M
5615 and 5616 CC	MWF	11:10a.m.-12:35p.m.	VOC 116	RHODE C
5625 and 5626 EE	MWF	1:20p.m.-2:45p.m.	VOC 111	GARDNER A
5645 and 5646 Z	DAILY	8:00a.m.-8:50a.m.	MAN 146	SKEIE T

5620 and 5621 DE ARR ARR

MARTIN P

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

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

5505 and 5506 N	MW	5:15p.m.-7:15p.m.	MAN 233	OLASON T
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**MATH 098/099 PRE-COLLEGE MATH III — 5 Credits**

5630 and 5631 N	TTh	5:15p.m.-7:15p.m.	MAN 146	RHODE C
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**College-Level Math****MATH 105 MATH FOR HEALTH SCIENCES**

5690 A	5	MWF	11:10a.m.-12:35p.m.	VOC 111	SKEIE M
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**MATH 106 INDUSTRIAL MATHEMATICS**

5695 A	5	DAILY	11:10a.m.-12:00p.m.	VOC 112	BRIEN R
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**MATH & 107 MATH IN SOCIETY**

5755 A	5	MWF	9:00a.m.-10:25a.m.	AAR 106	RHODE C
5760 B	5	MWF	1:20p.m.-2:45p.m.	MAN 119	RHODE C

▼ 5765 DE 5 ARR ARR

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

**MATH 125 APPLIED COLLEGE ALGEBRA**

5700 A	5	MWF	9:00a.m.-10:25a.m.	VOC 116	CALHOON B
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**MATH & 132 MATH FOR ELEMENTARY EDUCATION 2**

▼ 5775 A	5	MWF	11:10a.m.-12:55p.m.	AAR 106	SKEIE T
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**MATH & 141 PRECALCULUS I**

5780 A	5	MWF	9:00a.m.-10:25a.m.	VOC 112	DRAUS D
5785 B	5	MWF	11:10a.m.-12:35p.m.	HSB 104	HEBERT M

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 PRE-CALCULUS II**

5790 A	5	DAILY	10:00a.m.-10:50a.m.	PSC 104	SWEER R
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**MATH & 151 CALCULUS I**

5800 A	5	DAILY	11:25a.m.-12:15p.m.	MAN 233	NS
5807 B	5	DAILY	11:25a.m.-12:15p.m.	PSC 102	CALHOON B

**MATH & 152 CALCULUS II**

5805 A	5	DAILY	11:25a.m.-12:15p.m.	HSB 105	NS
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**MATH 210 ELEMENTS OF STATISTICS**

5705 A	5	DAILY	8:00a.m.-8:50a.m.	AAR 106	NS
5715 DE	5	ARR	ARR	SWEER	CALHOON 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

## ▼ 5717 IS 5 MTWTh 1:20p.m.-3:20p.m. PSC 104 DRAUS D

Integrative Studies: "What is normal? Society by the numbers." Students must also enroll in MATH 210 IS, item #5717, or BUS 206, item #2292, and SOC& 101, item #6657, for a total of 10 credits.

**MATH 240 DIFFERENTIAL EQUATIONS**

5725 A	5	MWF	12:25p.m.-1:50p.m.	HSB 107	NS
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**EVENING CLASSES****MATH 131 MATH FOR ELEMENTARY EDUCATION 1**

5770 N	5	MW	6:15p.m.-8:45p.m.	MAN 145	GRIBSKOV D
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Prerequisite: MATH 099 with a grade of C or better, or college level placement.

**MATH 148 BUSINESS CALCULUS**

5795 N	5	MW	5:30p.m.-7:30p.m.	MAN 203	NS
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**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**

5380 P	1	DAILY	ARR	MAN 127	STAFF
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**MATH 078 PRE-COLLEGE MATH I**

5430 P	3	DAILY	ARR	MAN 127	STAFF
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**MATH 079 PRE-COLLEGE MATH I**

5480 P	2	DAILY	ARR	MAN 127	STAFF
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**MATH 088 PRE-COLLEGE MATH II**

5510 P	3	DAILY	ARR	MAN 127	STAFF
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**MATH 089 PRE-COLLEGE MATH II**

5565 P	2	DAILY	ARR	MAN 127	STAFF
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**MATH 098 PRE-COLLEGE MATH III**

5635 P	3	DAILY	ARR	MAN 127	STAFF
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**MATH 099 PRE-COLLEGE MATH III**

5680 P	2	DAILY	ARR	MAN 127	STAFF
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Course # Course Name

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

## Medical Assisting

**MEDA 101 MEDICAL VOCABULARY I**

▼ 5810 A 3 MW 1:30p.m.-2:45p.m. HSB 244 ENGEL E

**MEDA 102 MEDICAL VOCABULARY II**▼ 5815 A 3 MW 3:15p.m.-4:30p.m. HSB 244  
Prerequisites: MEDA 101 or equivalent, or instructor permission.**MEDA 122 LAW&ETHICS FOR THE MEDICAL OFFICE**

5820 A 2 TTh 1:20p.m.-2:10p.m. HSB 244

ENGEL E

**MEDA 162 EXAMINING ROOM PROCEDURES II**▼ 5830 A 4 T 8:30a.m.-11:00a.m. HSB 244 SOLADEY V  
Prerequisite: MEDA 120 or BIOL& 241 and 242, MEDA 161, and current enrollment in the Medical Assisting program. Students must also enroll in one of the lab sections, MEDA 162 LA or LB.  
Lab Fee: \$31.30**MEDA 162 EXAMINING ROOM PROCEDURES II—LAB**5835 LA 0 Th 8:30a.m.-10:10a.m. HSB 244 SOLADEY V  
5840 LB 0 Th 10:40a.m.-12:20p.m. HSB 244 SOLADEY V**MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTANTS**▼ 5850 DE 2 ARR ARR SOLADEY V  
Online class.**MUSC 134 STRING CHAMBER MUSIC**5954 A 1 ARR  
Lab Fee: \$7.20H,P  
DAVIS T**MUSC 142 CONCERT CHOIR II**5955 A 1.5 MWF 1:10p.m.-2:00p.m. RCA 102  
Lab Fee: \$7.20H,P  
CHALLED G**MUSC 145 BEGINNING VOICE**5965 A 2 MW 10:10a.m.-11:00a.m. RCA 102  
Lab Fee: \$7.20H  
CHALLED G**MUSC 152 SHOW CHOIR II**5960 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 102  
Lab Fee: \$7.20H,P  
CHALLED G**MUSC 207 GROUP PIANO INSTRUCTION**

5985 A 2 TTh 11:00a.m.-12:15p.m. RCA 221

DAVIS R

**MUSC 209 THE BLUES CULTURE:DIV**▼ 5990 DE 5 ARR ARR  
Online class.

D

**MUSC 222 OPERA WORKSHOP**

5995 A 2 MW 4:10p.m.-5:00p.m. RCA 102

CHALLED G

**MUSC 226 APPLIED MUSIC I**1 credit AAR AAR  
6000 A Piano 6020 E Percussion  
6005 B Brass 6025 F String  
6010 C Guitar 6030 G Voice  
6015 D Organ 6035 H Woodwind

DAVIS R

Private music lessons are available in piano, brass, guitar, organ, percussion, string, and voice. Student pays for private lessons in addition to tuition. Instructor permission required to enroll.

**MUSC 242 CONCERT CHOIR V**5956 A 1.5 MWF 1:10p.m.-2:00p.m. RCA 102  
Lab Fee: \$7.20H,P  
CHALLED G**MUSC 252 SHOW CHOIR V**▼ 5961 A 1.5 MWF 2:10p.m.-3:00p.m. RCA 102  
Lab Fee: \$7.20H,P  
CHALLED G

## Music

**MUSC 100 FUNDAMENTALS OF MUSIC**

H

▼ 5875 A 5 T 1:00p.m.-3:00p.m. RCA 220 DAVIS R  
Hybrid class; partly online.**MUSC 102 THEORY & MUSICKERSHIP II**

H

5880 A 5 MWF 10:00a.m.-11:25a.m. RCA 218 DAVIS R  
Concurrent enrollment in MUSC 112 required. Instructor permission required to enroll.**MUSC& 105 MUSIC APPRECIATION**

H

6050 A 5 MWF 11:10a.m.-12:35p.m. RCA 102 CHALLED G

**MUSC 107 GROUP PIANO INSTRUCTION**

H

5890 A 2 TTh 11:00a.m.-12:15p.m. RCA 221 DAVIS R

**MUSC 112 EAR TRAINING II**

H

5900 L 1 MW 11:25a.m.-11:50a.m. RCA 218 DAVIS R

**MUSC 121 BEGINNING GUITAR**

H

5905 A 2 TTh 3:30p.m.-4:30p.m. RCA 102 HARBAUGH K

**MUSC 126 APPLIED MUSIC I**

H

1 credit AAR AAR DAVIS R  
5910 A Piano 5930 E Percussion  
5915 B Brass 5935 F String  
5920 C Guitar 5940 G Voice  
5925 D Organ 5945 H Woodwind

Private music lessons are available in piano, brass, guitar, organ, percussion, string, and voice. Student pays for private lessons in addition to tuition. Instructor permission required to enroll.

**EVENING CLASSES****MUSC 130 JAZZ ENSEMBLE**5950 N 2 W 7:00p.m.-9:00p.m. RCA 102  
Lab Fee: \$7.20H,P  
VALDEZ D**MUSC 150 SYMPHONIC BAND**5975 N 2 Th 7:00p.m.-9:00p.m. RCA 102  
Lab Fee: \$7.20H,P  
DAVIS R

## Nursing

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

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

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

### EVENING CLASSES

#### NURS 90 NURSING ASSISTANT

▼ 6080 N 8 ARR ARR  
Instructor permission required to enroll.

HSB 249 MACLAREN A

## Nutrition

#### NUTR& 101 NUTRITION

▼ 6250 A 5 TTH 11:00a.m.-11:50a.m. VOC 111 ROSS E  
Hybrid class; partly online.  
▼ 6255 B 5 TTH 1:20p.m.-2:10p.m. VOC 111 ROSS E  
Hybrid class; partly online.  
▼ 6260 DE 5 ARR ARR PECORE J  
Online class.  
▼ 6265 DE1 5 ARR ARR ROSS E  
Exams must be proctored for NUTR& 101 DE sections.  
Online class.

## Oceanography

#### OCEA& 101 INTRODUCTION TO OCEANOGRAPHY

▼ 6270 DE 5 ARR ARR NSL  
Online class.  
Lab included. Lab Fee: \$10.80

KHANDRO L

## Physical Education

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

#### PHED 104 PILATES AND STRETCH

6300 B 1 TTh 11:00a.m.-11:50a.m. RCA 139 SKERBECK C

#### PHED 106 YOGA FOR BEGINNERS

6305 A 1 TTh 10:00a.m.-10:50a.m. RCA 139 SKERBECK C

#### PHED 120 CROSS TRAINING

▼ 6295 A 2 TTh 1:00p.m.-1:50p.m. STC SANCHEZ E  
Hybrid class; partly online.

#### PHED 125 BOOT CAMP

6325 A 1 MW 10:00a.m.-10:50a.m. RCA 139 ROSS E

#### PHED 127 ZUMBA I

6330 A 1.5 MWF 12:00p.m.-12:50p.m. RCA 139 DAVIS T

#### PHED 128 WEIGHT TRAINING

▼ 6335 A 1-2 TTh 2:00p.m.-2:50p.m. STC SANCHEZ E

#### PHED 145 SOFTBALL COACHING THEORY

6345 A 3 W 2:00p.m.-2:50p.m. VOC 112 FULLER T

#### PHED 152 PERSONALIZED FITNESS

6315 A 1-2 MW 11:00a.m.-11:50a.m. STC ROSS E

▼ 6350 DE 1-2 ARR ARR

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

#### PHED 164 APPLIED BASKETBALL MEN

6355 A 2 MTWTh 3:00p.m.-4:00p.m. STC ROFFLER J

#### PHED 165 APPLIED BASKETBALL WOMEN

6360 A 2 MTWTh 2:00p.m.-3:00p.m. STC MEADORS C

#### PHED 190 BASEBALL COACHING THEORY

6365 A 3 MWTh 2:10p.m.-3:00p.m. PSC 102 SMITH E

#### PHED 204 PILATES AND STRETCH

6375 B 1 TTh 11:00a.m.-11:50a.m. RCA 139 SKERBECK C

#### PHED 220 CROSS TRAINING

▼ 6370 A 2 TTh 1:00p.m.-1:50p.m. STC SANCHEZ E

Hybrid class; partly online.

#### PHED 227 ZUMBA II

6390 A 1.5 MWF 12:00p.m.-12:50p.m. RCA 139 DAVIS T

#### PHED 228 WEIGHT TRAINING

▼ 6395 A 1-2 TTh 2:00p.m.-2:50p.m. STC SANCHEZ E

#### PHED 252 PERSONALIZED FITNESS

6320 A 1-2 MW 11:00a.m.-11:50a.m. STC ROSS E

▼ 6405 DE 1-2 ARR ARR

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

#### PHED 264 APPLIED BASKETBALL MEN

6410 A 2 MTWTh 3:00p.m.-4:00p.m. OOC ROFFLER J

#### PHED 265 APPLIED BASKETBALL WOMEN

6415 A 2 MTWTh 2:00p.m.-3:00p.m. OOC MEADORS C

## Physics

#### PHYS& 115 GENERAL PHYSICS II

NSL

▼ 6435 A 5 MWThF 8:00a.m.-8:50a.m. HSB 137

Course is to be taken with a lab section, PHYS& 115 LA, LB, or LC.

Lab Fee: \$13.20

#### PHYS& 115 GENERAL PHYSICS II—LAB

6440 LA 0 T 9:00a.m.-11:00a.m. HSB 137 LIVINS P

6445 LB 0 T 11:00a.m.-1:00p.m. HSB 137 LIVINS P

6450 LC 0 ARR ARR HSB 137 LIVINS P

Contact instructor at [plivins@lowercolumbia.edu](mailto:plivins@lowercolumbia.edu) for more information regarding arranged lab.

**PHYS& 222 ENGR PHYSICS II**

▽ 6455 A 5 MWF 10:00a.m.-11:15a.m. HSB 137  
 Course is to be taken with a lab section, PHYS& 222 LA, LB, or LC.  
 Lab Fee: \$13.20

NSL  
 LIVINS P

**EVENING CLASSES**

<b>PSYC&amp; 100 GENERAL PSYCHOLOGY</b>	<b>SS</b>
▽ 6560 N 5 T 6:00p.m.-8:00p.m.	MAN 233
Hybrid class; partly online.	TUCKER J
<b>PSYC&amp; 200 LIFESPAN PSYCHOLOGY</b>	<b>SS</b>
▽ 6580 N 5 T 6:00p.m.-8:00p.m.	RCA 220
Hybrid class; partly online.	HAYES B

**PHYS& 222 ENGR PHYSICS II—LAB**

6460 LA 0 T 1:00p.m.-3:00p.m.	HSB 137	LIVINS P
6465 LB 0 Th 1:00p.m.-3:00p.m.	HSB 137	LIVINS P
6470 LC 0 ARR ARR	HSB 137	LIVINS P

Contact instructor at plivins@lowercolumbia.edu for more information regarding arranged lab.

## Political Science

**POLS& 101 INTRODUCTION POLITICAL SCIENCE**

6495 A 5 TTh 9:00a.m.-11:00a.m.	HSB 105	SS BENSON D
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**POLS& 202 AMERICAN GOVERNMENT**

6500 A 5 MW 9:00a.m.-11:00a.m.	HSB 105	SS BENSON D
▽ 6510 DE 5 ARR ARR		CASCADDAN D

**POLS& 203 INTERNATIONAL RELATIONS**

6515 A 5 TTh 1:00p.m.-3:00p.m.	MAN 146	SS BENSON D
6517 B 5 MW 9:00a.m.-10:50a.m.	HSB 107	STAFF

**POLS 220 THE LAW & SOCIAL ISSUES**

6490 MM 5 ARR ARR		QUIRK A
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## Process Manufacturing

**PMFG 201 ELECTRICAL CONTROL EQUIPMENT**

6485 A 3 TTh 4:00p.m.-5:15p.m.	VOC 112	JOINER T
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**EVENING CLASSES****PMFG 110 INDUSTRIAL MAINTENANCE FUNDAMENTALS**

6475 N 5 TTh 5:30p.m.-7:30p.m.	VOC 112	JOINER T
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**PMFG 152 PROCESS CONTROL SYSTEMS**

6480 N 5 MW 5:15p.m.-7:15p.m.	VOC 151	JOINER T
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## Psychology

**PSYC& 100 GENERAL PSYCHOLOGY**

▽ 6530 A 5 MW 9:00a.m.-11:00a.m.	MAN 233	SS WEAVER N
▽ 6535 B 5 MW 1:20p.m.-3:20p.m.	MAN 233	STRAYER M

▽ 6540 C 5 TTh 9:00a.m.-11:00a.m.	MAN 234	WEAVER N
▽ 6545 DE 5 ARR ARR		TUCKER J

Online class.

6550 E 5 TTh 11:10a.m.-1:10p.m.	HSB 106	SUEK J
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▽ 6555 G 5 MW 2:10p.m.-4:10p.m.	AAR 102	HAYES B
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**PSYC& 200 LIFESPAN PSYCHOLOGY**

▽ 6585 A 5 MW 9:00a.m.-11:00a.m.	MAN 235	SS STRAYER M
▽ 6565 B 5 TTh 9:00a.m.-11:00a.m.	MAN 235	STRAYER M

▽ 6570 C 5 TTh 11:10a.m.-1:10p.m.	PSC 104	HAYES B
▽ 6575 DE 5 ARR ARR		WORLEY M

Online class.

**EVENING CLASSES**

<b>PSYC&amp; 100 GENERAL PSYCHOLOGY</b>	<b>SS</b>
▽ 6560 N 5 T 6:00p.m.-8:00p.m.	MAN 233
Hybrid class; partly online.	TUCKER J

<b>PSYC&amp; 200 LIFESPAN PSYCHOLOGY</b>	<b>SS</b>
▽ 6580 N 5 T 6:00p.m.-8:00p.m.	RCA 220

## Sociology

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

D, SS

▽ 6630 A 5 TTh 11:10a.m.-1:10p.m.	LIB 130	WEAVER N
▽ 6645 DE 5 ARR ARR		TATE J
Online class.		
▽ 6650 DE1 5 ARR	ARR	TATE J
Online class.		
6655 E 5 MW 1:00p.m.-3:00p.m.	MAN 235	SHAW D

▽ 6657 IS 5 MTWTH 1:20p.m.-3:20p.m.	PSC 104	SUEK J
Integrative Studies: "What is normal? Society by the numbers." Students must also enroll in MATH 210 IS, item #5717, or BUS 206, item #2292, and SOC& 101, item #6657, for a total of 10 credits.		

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

D, SS

6660 N 5 MW 6:00p.m.-8:00p.m.	MAN 235	GATES K
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## Spanish

**SPAN& 121 SPANISH I:DIV**

D, H

6685 A 5 DAILY 8:00a.m.-8:50a.m.	MAN 125	EMERSON A
6690 B 5 DAILY 9:00a.m.-9:50a.m.	MAN 125	EMERSON A
6695 DE 5 ARR ARR		EMERSON A

**SPAN& 122 SPANISH II:DIV**

D, H

6700 A 5 MWF 11:10a.m.-12:35p.m.	MAN 125	QUIRK A
6705 DE 5 ARR ARR		EMERSON A

**SPAN& 123 SPANISH III:DIV**

D, H

6710 DE 5 ARR ARR		EMERSON A
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**SPAN& 221 SPANISH IV**

H

6715 DE 5 ARR ARR		EMERSON A
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**SPAN& 222 SPANISH V**

H

6720 DE 5 ARR ARR		EMERSON A
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**SPAN& 223 SPANISH VI**

H

6725 DE 5 ARR ARR		EMERSON A
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## Speech

**SPCH 109 INTERCULTURAL COMMUNICATION:DIV** **D, H**  
 6732 IT 5 MTWTh 9:00a.m.-11:10a.m. MAN 147 NEILL S  
 Integrative Studies: Communicating Across Culture: Negotiating Invisible Barriers. Students must enroll in ENGL 098 IT, #3245, or ENGL 099 IT, #3305, or ENGL& 101 IT, #3435, and SPCH 109 IT, #6732, for a total of 10 credits.

**SPCH 110 INTRODUCTION TO PUBLIC SPEAKING** **H**  
 6735 A 5 TTh 1:20p.m.-3:20p.m. DTV 215 NEILL S  
 6765 B 5 MW 1:20p.m.-3:20p.m. MAN 125 NEILL S  
 ▼ 6740 C 5 T 3:30p.m.-5:30p.m. MAN 147 PELLHAM P

Hybrid class; partly online.  
 6745 D 5 TTh 10:00a.m.-12:00p.m. MAN 203 SCHABOT D  
 6750 E 5 MW 11:10a.m.-1:10p.m. MAN 203 SCHABOT D

▼ 6755 DE 5 ARR ARR MOORE LD  
 Students are required to have a WebCam. Students are REQUIRED to meet online every Monday from 5:30-7:00. Please contact instructor at ldmoore@lowercolumbia.edu for more information.  
 Online class.

**SPCH 127 COMPETITIVE PUBLIC SPEAKING**  
 6780 A 2 MW 3:30p.m.-5:30p.m. RCA 141 SCHABOT D

**SPCH 137 INTERCOLLEGIATE DEBATE**  
 6785 A 2 MW 3:30p.m.-5:30p.m. RCA 141 SCHABOT D

**SPCH 227 COMPETITIVE PUBLIC SPEAKING**  
 6790 A 2 MW 3:30p.m.-5:30p.m. RCA 141 SCHABOT D

**SPCH 237 INTERCOLLEGIATE DEBATE**  
 6795 A 2 MW 3:30p.m.-5:30p.m. RCA 141 SCHABOT D

**SPCH 290 FORENSIC MANAGEMENT AND ORGANIZATION**  
 6810 A 1 MW 3:30p.m.-5:30p.m. RCA 141 SCHABOT D

### EVENING CLASSES

**SPCH 110 INTRODUCTION TO PUBLIC SPEAKING** **H**  
 ▼ 6760 N 5 W 6:00p.m.-8:15p.m. RCA 220 MOORE LD  
 Hybrid class; partly online.

**SPCH 114 SMALL GROUP COMMUNICATION** **H**  
 ▼ 6775 N 5 T 6:00p.m.-8:15p.m. MAN 145 PELLHAM P  
 Hybrid class; partly online.

## Technology

**TECH 100 ADVANCED PRINCIPLES OF TECHNOLOGY** **NSA**  
 6835 A 5 TTh 1:20p.m.-4:00p.m. VOC 115 GERICK J

## Welding Technology

A \$11.40 per-credit fee to a maximum of \$114 is charged for each welding class.

### WELD 105 RELATED WELDING I

6940 A	1- 6 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
6945 B	1- 6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
6950 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

### WELD 151 INTRODUCTION TO OXY ACETYLENE

6975 A	6 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.				
6980 B	1- 6 DAILY	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
6985 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 152 INTRODUCTION TO ARC WELDING

7005 A	10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.				
7010 B	1- 8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7015 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

### WELD 221 WIRE MACHINE

7045 A	1-10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7050 B	1- 8 DAILY	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7055 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 222 ADVANCED WIRE MACHINE

7075 A	6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7080 B	1- 6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7085 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 254 ARC WELDING

7105 A	10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.				
7110 B	1- 8 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7115 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

### WELD 255 ADVANCED WELDING PROCESSES

7135 A	10 DAILY	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
Only welding majors may enroll for this class.				
7140 B	1- 8 MWThF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7145 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

### WELD 256 ADVANCED WELDING APPLICATION

7165 A	10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.				
7170 B	1- 6 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7175 C	1- 6 MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

### WELD 299 INDEPENDENT STUDY

7205 A	1-10 ARR	ARR	VOC 161	WELD FACULTY
Instructor permission required to enroll.				

**EVENING CLASSES****WELD 72 WELDING SUPPORT II**

6865 IB 1	TTh	1:00p.m.-1:25p.m.	VOC 161	MILLER R
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**WELD 105 RELATED WELDING I**

6955 IB 3	TTh	1:25p.m.-4:00p.m.	VOC 161	MILLER R
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Lab Fee: \$10.90

6960 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
6965 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
6970 NC 2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

**WELD 151 INTRODUCTION TO OXY ACETYLENE**

6990 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
6995 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7000 NC 2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

**WELD 152 INTRODUCTION TO ARC WELDING**

7020 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7025 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7030 NC 2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

**WELD 158 WELD THEORY & FABRICATION**

7035 N 5	TTh	4:30p.m.-7:00p.m.	VOC 161	EVALD A
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**WELD 221 WIRE MACHINE**

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

7060 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7065 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7070 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)

7090 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7095 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7100 NC 2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

**WELD 254 ARC WELDING**

7120 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7125 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7130 NC 2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

**WELD 255 ADVANCED WELDING PROCESSES**

7150 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7155 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7160 NC 2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

**WELD 256 ADVANCED WELDING APPLICATION**

7180 NA 2	Th	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7185 NB 2	T	7:00p.m.-10:00p.m.	VOC 161	BUSLEY R
7190 NC 2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R



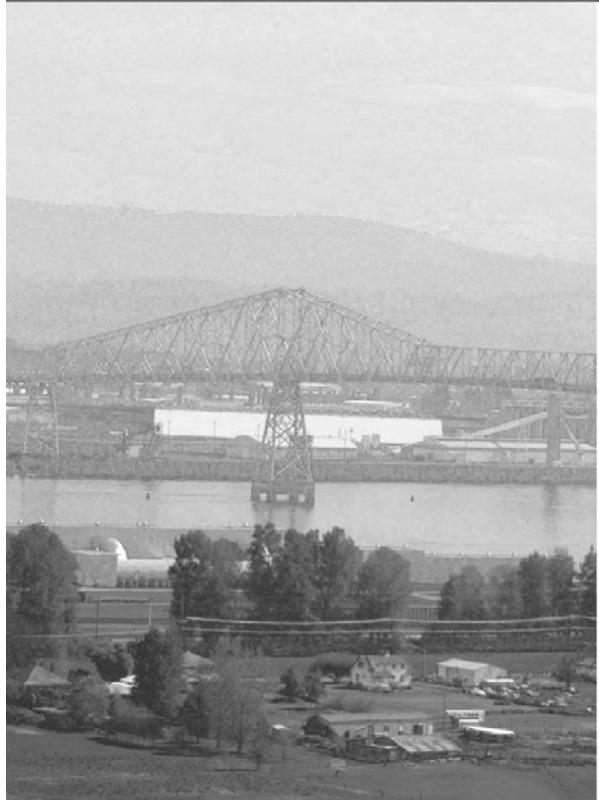
LOWER COLUMBIA  
**BUSINESS & INDUSTRY CENTER**

# Working For Success

Cowlitz and Wahkiakum counties have long lagged behind state averages in both employment rates and wages. With the development of the Lower Columbia Business and Industry Center, LCC has made a commitment to increase economic prosperity in the region through corporate training programs that serve incumbent workers in our local workforce.

Contact Us:

[www.lowercolumbia.edu/business-industry](http://www.lowercolumbia.edu/business-industry)



## 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.-5:10 p.m.
Mon-Thurs	5:30 p.m.-9:05 p.m.

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

Tues-Thurs 8:30 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-Thurs 11:30 a.m.-2:00 p.m.

Mon-Thurs 6:00 p.m.-8:45 p.m.

#### Goodwill (15th Avenue)

Tues-Thurs 12:30 p.m.-2:10 p.m.

### Kelso ABE Classes

#### Barnes Elementary School (1601 Bowmont Ave.)

Tues-Thurs 9:00 a.m.-10:55 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.-9:20 a.m.
	9:30 a.m.-11:10 p.m.
Mon-Thurs	5:30 p.m.-9:10 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 6:00-9:20 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 120 students have completed studies to graduate with their high school diploma. Even better, many graduates have continued on to college studies.



# CONTINUING EDUCATION

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 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 Key Train 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.

### **From Co-Worker to Supervisor – What You Need to Know**

Today's supervisor is usually a top performer who gets promoted with little or no training on how to be an effective supervisor. This series will provide new and/or potential supervisors a solid foundation to build their leadership abilities

**THURSDAYS, 8 A.M. TO NOON**  
**Lower Columbia College**  
**Don Talley Building, Room 201**  
**\$675, Register 2 or more co-workers save \$100**

#### **January 29** **Fundamentals of Supervision**

Discover how to make a successful transition from employee to manager through learning the basics of business, problem solving, and conflict resolution. Discuss how to manage your time and deal with the constant demands of a managerial job. Learn practical skills that will help you understand how to influence and direct other people's performance. (Hahli Clark)

#### **February 5** **Communication Essentials and Self-Concept**

Communication starts with the self. At the end of this training participants will have a better understanding of how self-perception impacts communication with others. They will focus on identity management strategies used to influence how others' perception. (Stefanie Neill/Daniel Shabot)

#### **February 12** **Conflict Fundamentals**

Participants will improve relationships with coworkers, clients, and managers and find ways through conflict back to cooperation. This training is focused on effective conflict resolution and reveals simple, repeatable techniques that apply in most business situations. (Aaron McNabb/Jennifer Houge)

#### **February 19** **Time Management & Delegation**

Learn practical techniques that can be used immediately to gain control over your day. Practice how to plan and prioritize more effectively while managing interruptions and distractions. In addition, identify when to assign work to others to get things done efficiently and effectively. (Tamra Bell)

#### **February 26** **Motivating Yourself and Others**

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. (Chris Bailey)



## Workforce Training

Through our partnership with ed2go (formerly Gatlin Education Services) a number of open enrollment programs are available and can provide the skills necessary to acquire professional level positions for many in-demand occupations. You will receive an effective web-based learning experience. Each program includes a set of lessons and evaluations; grades are a combination of the instructor's evaluation of students' work and computer graded tests. Visit [www.gatlineducation.com/lccbic](http://www.gatlineducation.com/lccbic) for a full course listing.

## **Spanish for Medical Professionals-ONLINE**

Learn medical Spanish quickly and easily, honing your basic conversational skills and mastering key healthcare words and phrases. Whether you're new to the Spanish language or just want a refresher, this fun and simple course will give you the basic tools you need to bridge the communication gap. Starting with the basics of Spanish pronunciation, you'll move right into simple words for everyday topics including colors, numbers, conversational phrases, family names, and words for asking questions. Next, you'll get to the meat of the course as you discover how to ask about pain, symptoms, medical histories, insurance, and patients' feelings. You'll also learn how to talk about body parts, diets, and medical care and treatment. By the end of this course, you'll have a strong foundation in basic medical Spanish that you can build on for years to come. \$99

## **Spanish for Medical Professionals II-ONLINE**

Learn medical Spanish vocabulary from a variety of medical fields, as well as more advanced Spanish grammar. Appropriate for healthcare providers who already have a solid foundation in Spanish, but need the medical terminology, as well as for those who have taken Spanish for Medical Professionals. Learn a comprehensive Spanish medical vocabulary that includes words and phrases from insurance to OB to physical therapy and even dentistry! \$99

*Sign up online at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) for \$99.00 for one class. Register for both courses and get a discounted price of \$149.00! To get the discount, choose pay later and call 360.442.2602 to pay for your classes.*

## **Administrative Professional-ONLINE**

In this program, students will learn the fundamentals needed to obtain employment in an Administrative Professional career. The program teaches essential skills including how to work in a modern office, how to maintain a professional image, and the importance of ethics in the workplace. This program helps students build both verbal and written communication essentials, in addition to providing training on the technology basics involved in an administrative role. Students will gain higher-level expertise in areas such as record and financial management, event and travel planning, and opportunities for advancement. 120 hours. \$595.

Call for registration information

*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!**

## **Administrative Professional with Microsoft Office 2013 Master-ONLINE**

To be a successful Administrative Professional, you must possess skills to handle a wide variety of workplace tasks and scenarios. This program provides training across a variety of skills necessary for this field in addition to training in the four main Microsoft Office programs: Word, Excel, PowerPoint, and Outlook. Students will learn Microsoft Office 2013 skills applicable to either entry level or advanced administrative positions. Additionally, this program helps prepare students to take Microsoft certification exams. 445 hours, \$1695 (Includes the Administrative Professional course)

Call for registration information.

## Workplace Spanish

Command Spanish<sup>®</sup>, Inc. is the country's pioneer and leading provider of Spanish language training for the workplace.

- Business and Industry
- Education
- General Interest
- Healthcare
- Public Safety
- Law Enforcement, Corrections, & Probation



These courses are offered online. For only \$69 you will have access to the coursework for 4 months! [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce)

## 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) \$75

For more information, please contact Mary Harris at 360.442.2602 or [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu)



## Continuing Education for Caregivers

Caregivers are required to take 12 hours of Continuing Education per year. All courses are DSHS approved for caregiver continuing education. Family caregivers, nursing students, medical assistants, RNs, and LPNs may also take these courses. Please check with your sponsoring agency to determine the appropriate courses. More classes may become available.

For more information about caregiver training or to register, please contact Mary Harris, Continuing Education Program Coordinator, 360.442.2602, mharris@lowercolumbia.edu.

## Nurse Delegation

A self-study training course for Nursing Assistants who will accept and perform tasks delegated by a Registered Nurse (RN). For more information, contact Mary Harris, Continuing Education Program Coordinator, 360.442.2602, 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, for additional information.

4 hour HIV/AIDS Certification, register for:

SFTY 046 6595 \$40.00

7 hour HIV/AIDS Certification, register for:

SFTY 045 6590 \$65.00

## Still Available for Fall

### Multiple Joyful Opportunities for Learning Conference

Rose Center, Saturday November 15,  
9 a.m.-4 p.m. \$30

### Internet and More

Fridays, November 11 - December 5,  
3:30-5:30 p.m. \$39

### Pilates Core Challenge

Monday and Wednesday, November 12 -  
December 17, 5:30-6:30 p.m. \$60

### Washington State History Museum

Saturday November 15, 9 a.m.-4 p.m. \$35

### Online Learning through Ed2go

starts the 3rd Wednesday of every month,  
\$99 (most classes)

## About Continuing Education

For the latest information about Continuing Education, see [www.lowercolumbia.edu/ce](http://www.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.lowercolumbia.edu/ed2go](http://www.lowercolumbia.edu/ed2go)

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!

## 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. New sessions start the 3rd Wednesday of every month and run for 6-weeks. Most courses are \$99. Visit [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) or call 360.442.2602 for more information.

### Accounting Fundamentals

Demand for accounting professionals currently exceeds supply. If you're interested in increasing your financial awareness while also gaining a marketable skill, this course is for you. You'll learn the basics of double-entry bookkeeping, as well as how to analyze and record financial transactions. You'll get hands-on experience with handling accounts receivable, accounts payable, payroll procedures, sales taxes, and various common banking activities. We'll cover all the bases, from writing checks to preparing an income statement and closing out accounts at the end of each fiscal period. Whether you're a sole proprietor looking to manage your business finances or you simply want to gain an understanding of accounting basics for career advancement, this course will give you a solid foundation in financial matters. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic)

### Jump-Start Your Career with LinkedIn

Did you know that 95% of all job opportunities aren't made public? Did you know that most people get their jobs through their "connections"? Whether you already have an account and you haven't taken advantage of it yet, or you're just beginning to think about signing up, this course will give you the knowledge you need to succeed with LinkedIn. You'll get hands-on experience with this powerful tool as you build your own career network. You'll learn how to create a profile that shows your professional achievements off to their best advantage, and you'll gain techniques for deepening and expanding your business contacts. You'll also learn how to incorporate LinkedIn into your overall job-search and career development strategy, including traditional methods such as calling, letter writing, email etiquette, in-person interviewing, as well as some of the newer media, including text etiquette and social media do's and don'ts. There's even a lesson to help you if you're a creative professional who doesn't fit the everyday mold. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic)

### Protect Your Money, Credit, and Identity

In these lessons, you'll see how to spot the scams and rip-offs that can cost you money or ruin your credit. You'll explore threats including identity fraud, Internet and credit card scams, and deceptive service contracts. If you're planning to buy land or a home, you'll learn to avoid real estate scams—and if you're buying a car, you'll get the inside story on car dealers' tricks. By the time you finish this course, you'll be prepared to protect your credit score, your identity, and your bank accounts. In addition, you'll have the legal know-how you need to make mortgage holders, credit card companies, and debt collectors play by the rules. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic)

## Health & Wellness



### Drive Safe, AAA Driver Improvement Program-NEW

Through American Driving Services mature drivers will learn to manage visibility, time and space when behind the wheel. This program will cover concepts such as, seeing, communication, adjusting speed, margin of safety, driving emergencies, your car and you, the driver. Washington drivers 55 and older who complete this mature driver classroom program may qualify for a discount on their auto insurance premiums. For registration information, please contact Leeann Curry at 360.442.2840.

Saturday February 21, 2015, 9 a.m.-4 p.m.

Don Tally Building, Room 201

\$18 for AAA members, \$25 for non-members

### Aquatic Fitness

Working practically every muscle in your body, swimming is an excellent exercise for improving strength, cardiovascular endurance and is gentle on the joints. Swimming is great for those who suffer from arthritis, fibromyalgia, or simply too much stress. Lap swim at your own pace if desired. Classes are held at Mark Morris Pool. (Tamora Haulk) \$69

CLCE 035 A 8225 MTTH 1/5-3/20 11:50 a.m.-12:45 p.m.

### Zumba Fitness!®

Ditch the workout and join the PARTY! The Zumba fitness program fuses hypnotic Latin rhythms and easy-to-follow moves. The routines feature interval training sessions where fast and slow rhythms and resistance training are combined to tone and sculpt your body while burning fat. Add some Latin flavor and international zest into the mix and you've got a Zumba class! Join the fun! RCA 139 (Tracy Davis) \$59

CLCE 030 A 8195 TTH 1/6-3/5 5:30-6:30 p.m.

### Better Bones & Balance

Research shows that targeted exercise later in life slows bone loss and improves strength and balance which may reduce fall risk. This class is safe for individuals with osteoporosis and osteopenia. Better Bones and Balance will significantly slow the rate of bone loss, build muscle mass and improve balance and flexibility in adults of all ages! Bring a pair of indoor shoes, a mat, and hand weights (3, 4, or 5 pounds). Classes meet at the Youth and Family Link Gym. (Judy Bain) \$49

CLCE 036 A 8230 MW 12/1-2/11 7:00-7:50 a.m.

CLCE 036 B 8235 MW 12/1-2/11 8:00-8:50 a.m.

CLCE 036 C 8240 MW 12/1-2/11 9:00-9:50 a.m.

## Computers & Technology

### Microsoft Word Small Group Training-NEW

We've developed a unique small group learning environment to help you understand and interact successfully with your computer programs! The winter quarter will focus on Microsoft Word. Learn the basic functions of Word, such as creating new documents, saving and printing documents, finding and applying templates and more. This small group training will help you to become more active in your learning, share and learn from the group and give you the confidence you need to move forward in the world of technology. Basic Computer skills are required. DTV 103 (Continuing Education staff) \$39

CLCE 005 B 8020 TH 2/12-2/26 3:30-4:30 p.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. The instructor will help you feel comfortable with practice, repetition and clear understandable instructions. He will also be able to answer the questions about computers that you never understood and didn't know how to ask. AAR 108 (David Juneman) \$39

CLCE 001 A 8000 M 1/5-2/2 3:00-5:00 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 108 (David Juneman) \$39

CLCE 002 A 8005 M 2/9-3/9 3:00-5:00 p.m.

### Internet and More

Learn how to search the Web, use Face book, 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 108 (David Juneman) \$39

CLCE 003 A 8010 M 3/16-4/6 3:00-5:00 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.*



### 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. (Judy Bain, Mary Ann Mabey) \$49

CLCE 032 A 8205 MW 12/1-2/11 10:00-10:50 a.m.

### 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. (Judy Bain) \$49

CLCE 033 A 8210 MW 12/1-2/11 11:00-11:50 a.m.



### Pilates Core Challenge

Pilates has been shown to improve range of motion, flexibility, circulation and posture! We will explore a series of NEW exercises each week, with some standard and advanced moves and still incorporate a few of the original exercises into each class. Pilates is a great workout for everyone, and you are encouraged to challenge yourself a little more each time! RCA 139 (Jayne Poole) \$60

#### Session One

CLCE 034 A 8215 MW 1/5-2/9 5:30-6:30 p.m.

#### Session Two

CLCE 034 B 8220 MW 2/18-3/23 5:30-6:30 p.m.

### 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. (Judy Bain) \$14

CLCE 031 A 8200 TH 12/4-2/12 10:15-11:05 a.m.

**Facebook for Everyone**

Are you getting the most out of Facebook? If not then this course is for you. Facebook students will start by understanding why it is so popular and the things that they can do with it. They will further learn to build and modify a personal profile and privacy strategy in line with best practices and personal preferences. Additionally, students will learn the multi-media skills required to select and post pictures, video, documents and other media to their Facebook profiles, groups or pages. Finally, students will learn accelerated multi-media learning strategies that will transfer to other areas of media. AAR 108 (Mitchel Townsend) \$29

CLCE 006 A 8025 S 1/24, 2/7, 2/21, 3/7 9:00-10:30 a.m.

**Multimedia and You**

Pictures, Videos, Blogs, and Podcasts Oh My!! Have you ever wondered how to create colorful and rich Multimedia? Students will journey step by step through the process of designing, creating and constructing different types of Multimedia. Together we will create Multimedia magic! AAR 108 (Mitchel Townsend) \$29

CLCE 007 A 8030 S 1/24, 2/7, 2/21, 3/7 11 a.m.-1 p.m.

**Apple iPad Series**

This class is designed for those looking for tips and assistance on using their Apple iPad. You will receive information on settings, built in apps, iCloud, the App Store and other user functions. If you recently received an iPad or have had one for a while, but you're not quite sure of all its capabilities, this class is for you! Students must bring their iPad to class. DTV 201 (Leeann Curry) \$29

CLCE 008 A 8035 W 1/14-1/28 5:30-6:30 p.m.

**Travel & Outdoors****Washington State Capital**

Washington State's Legislative building, completed in 1928 after six years of construction, serves as both a working governmental center and a symbol of Washington's free and democratic government. Join us for a guided tour of the Washington State Legislative Building, which includes the North Foyer, Rotunda, State Reception Room and Legislative Galleries. There will also be self-guided tours of the Capital campus, which is home to many Veterans Memorials including the Winged Victory, POW-MIA, Medal of Honor and more. Transportation to and from included with registration. (Staff) \$25

CLCE 038 A 8550 Sat 2/28 10 a.m.-4 p.m.

**Portland Art Museum**

The Portland Art Museum is the 7th oldest museum in the United States, and the oldest in the Pacific Northwest. The museum is host to 42,000 objects that are displayed in 112,000 square feet. Collections show the history of art from ancient times to now. Spend the afternoon viewing American art, Asian art, Northwest art, photography, graphic art and more. This is a wonderful opportunity to see what the museum has to offer! Join Max Wade, our Community Education art instructor for an art filled afternoon in Portland! Transportation included. (Max Wade) \$35

CLCE 038 B 8555 Sat 3/28 9 a.m.-4 p.m.

**Archery-NEW**

Join instructors from the Lewis and Clark Bowmen Club and learn basic archery skills. Students will start with beginning archery using the Mathews Genesis bow and continue through the longbow, recurve bow and the modern compound bow. You will learn correct form for shooting a bow and arrow, while becoming familiar with these different types of bows. Archery is a great for increasing upper body strength, improve your mental focus and is just plain fun! Open to ages 12+, all equipment provided. Class meets on the LCC campus, DTV 201. (Lewis and Clark Bowman) \$55

CLCE 037 A 8245 Sat 2/28 9:00 a.m.-3:00 p.m.

# Art & Culture

## 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 (Gina Challed)

CLCE 021 A 8115 M 1/5-3/9 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 (Rob Davis)

CLCE 023 A 8125 TH 1/8-3/12 7-9 p.m.



## Jazz Ensemble

Non-credit section for community members. Preparation and performance of literature from the jazz idiom appropriate from small to large jazz ensemble for required on and off campus concerts. Jazz literature from the swing era to the present will include bebop, rock, funk, fusion and blues. Prior knowledge of jazz improvisation not required. Open to trumpet, trombone, all saxophone, drum, bass, and guitar players with strong musical skills and good music reading abilities. Prerequisite: Audition or approval by instructor. RCA 102 (Rob Davis)

CLCE 022 A 8120 M 1/5-3/9 7-8:40 p.m.

## Metal Art

Enter the world of making junk into art! This class will inspire you to find scraps and assist you in exploring different techniques to express your creative side. You will learn safety and welding techniques and develop and understand different materials and how to manipulate them. You will explore different forms of metal sculptures and even produce a work of your own art by class end. Make money selling your reformed junk; this industry is growing and in demand. Junk will never look the same! LCC Welding Shop (Rodney Miller) \$99

CLCE 019 A 8105 M 1/5-3/9 6-8 p.m.

## College of Collage

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

CLCE 018 A 8085 M 1/5-3/16 5-7 p.m.

## Painting Techniques

Gain control of the art of painting. We will take painting from palette layout to finished works through the investigation of tools, material handling, color mixing, and traditional techniques. The class is designed for those who are embarking on painting as well as those with experience who want to refine their skills and techniques. Although acrylics will be preferred, students with experience who work in oils are encouraged to use that medium. MAN 109 (Max Wade) \$75

CLCE 018 B 8090 W 1/7-3/4 5-7 p.m.

## Colored Pencil Techniques

Investigate the rich color possibilities of the colored pencil. This course will examine techniques for loose sketching, embellishing ink drawings and photocopied images, and drawing on toned surfaces. Artists can work in a highly detailed method, or abstractly. We will investigate a variety of blending, layering, burnishing, and direct drawing techniques. Students with all levels of experience will find the colored pencil an extremely flexible and vibrant drawing tool. DTV 201 (Max Wade) \$75

CLCE 018 C 8095 TH 1/8-3/5 5-7 p.m.





**Mail to:** **Continuing Education**  
1600 Maple, PO Box 3010  
Longview, WA 98632

**Phone:** 360.442.2840

Year **2015**

Winter  
Spring

Summer  
Fall

# Sign up now! Continuing Education

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

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

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

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

## ENROLLMENT INFORMATION

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

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

## How did you hear about this class?

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

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.*

# Career, Counseling & Employment Services

## ■ Start and finish your LCC journey here!

Whether you're just starting college or ready to graduate, let LCC's Career Center help you navigate your career and educational path. Visit [lowercolumbia.edu/careercenter](http://lowercolumbia.edu/careercenter) or visit the Career Center in ADC 120 (next to Financial Aid) to learn more.

Open to community members as well as LCC students and alumni, the Center provides online resources, how-to workshops, job listing services, and individualized help to:

### **Determine your Desired Program**

Explore career interests and related fields, research training options, and learn which LCC programs align with your desired career. Start with an interest assessment found in the "Services" section on the Career Center webpage.

### **Navigate the College Experience**

Get help with FAFSA, scholarship, loan assistance, and other difficult points in the college process.

### **Research Jobs & Careers**

View job summaries and descriptions, average wages, projected job-growth, education requirements, and where to find right training by visiting our web page and clicking on the "Research potential careers" link in our "Services" section.

### **Build Resumes & Write Cover Letters**

A resume is one of your most important tools for getting noticed by employers. Visit the Career Center to get started, or create a free CollegeCentral account by clicking the "Get a Job" link on our website!

### **Develop/Practice Interview Skills**

Your Career Center has several ways to help you prepare a job interview:

- One-on-one guidance
- Workshops
- Online at [www.perfectinterview.com/lcc](http://www.perfectinterview.com/lcc)

### **Search for Jobs**

Visit our website and select "Get a Job" to view popular search engines and local listings. For the best results, visit us to learn how to make the most of your search.

### **Career Specialists    360.442.2330**

Get the one-on-one guidance you need to get help with every stage of your career development. Drop-ins are welcomed, but appointments are recommended.

### **Counseling Services**

**360.442.2330**

or call the Entry Center

360.442.2311

Our counselors can help you discover your passion, create a plan to build the career of your dreams, set realistic timelines based on your busy life, and help you deal with stress. Call or stop by to make an appointment.

### **Workshops**

Free workshops offered through the Career Center help you assess your talents and research careers, learn to market/promote yourself, find funding for college, apply for financial aid/scholarships, improve your job search efforts, and more. These are open to students and the community. Find a schedule of winter quarter workshops offerings by visiting our webpage.

### **Career Related Learning Experiences**

**360.442.2610**

Career Related Learning Experiences are a great opportunity for students to gain valuable experience in the field that they are most interested in pursuing. There are several ways that Career Related Learning Experiences can help you succeed, including:

- Company Tours
- Job Shadows
- Career Fairs
- Informational Interviews
- Internships/Project Support

The job-related knowledge, hands-on experience and support that you can gain when participating in these experiences can help you make informed decisions about your future.



# GENERAL INFORMATION

## ■ ADVISING

New students may contact entry advisors daily through the Entry Center in the Admissions Center. Returning students should contact their advisors at [lowercolumbia.edu/directory](http://lowercolumbia.edu/directory) or the Entry Center 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 page 21 for classes.

## ■ COUNSELING CENTER

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

360.442.2311

## ■ DINING

Student Center Café: 8 a.m.–1:30 p.m. Monday–Friday; Espresso Bar: Opens 7:30 a.m. Monday–Friday.

## ■ 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 Winter is November 24. Details on page 7.

360.442.2390

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

## ■ GED TESTING

GED testing at LCC is now all computer based. What does this mean for you?

- Register, schedule, and pay online 24/7
- Get your test results immediately
- Computer based testing has a higher pass rate versus paper testing: 88% vs. 71%

## ■ 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)

## ■ 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 from 1:30–2:30 p.m. every Monday (except holidays), Admissions Center, Room 120.

360.442.2330

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

For test and orientation dates:

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

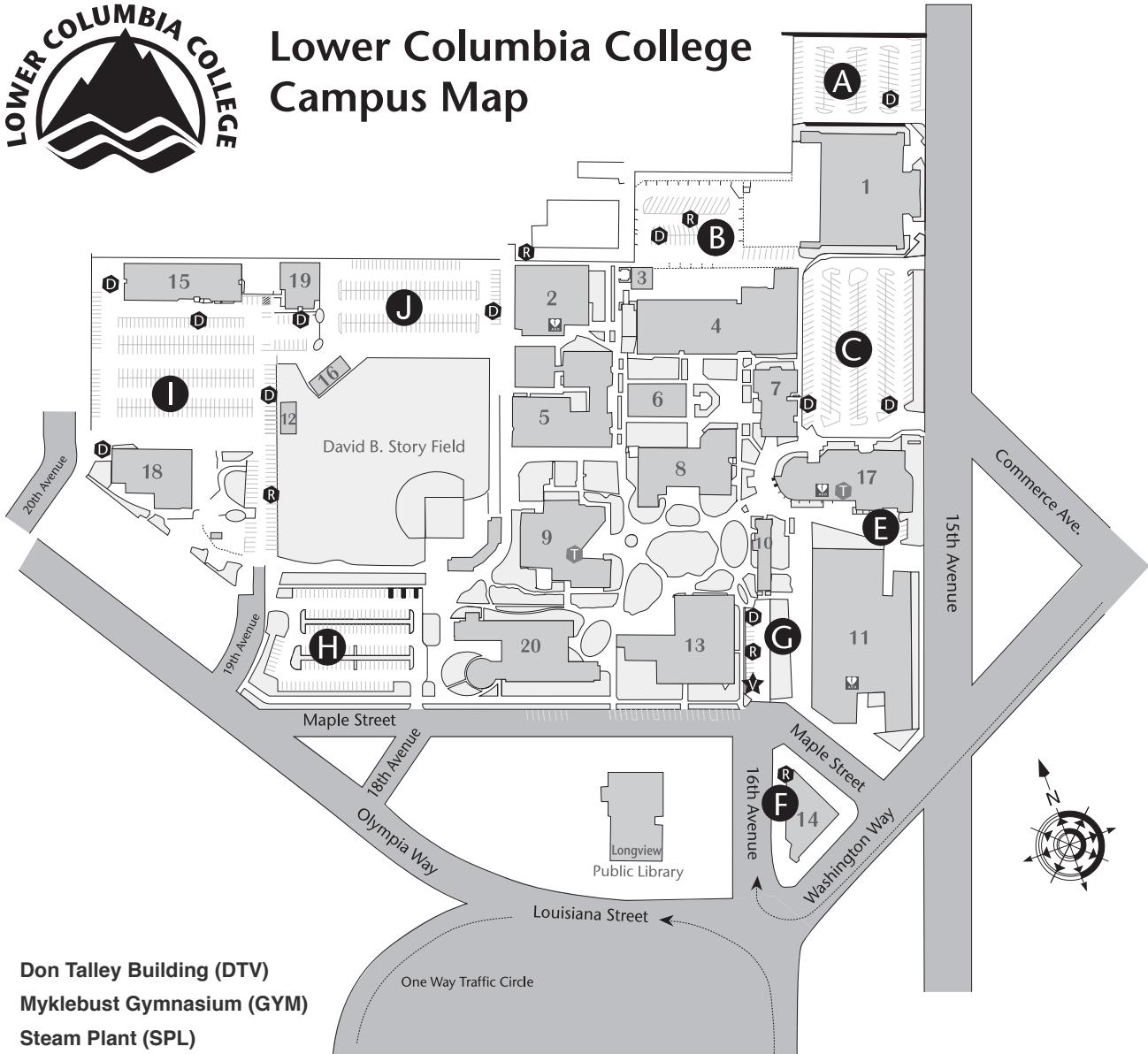
LCC now offers the 2014 GED series.

Go to [GED.com](http://GED.com) to sign up for your exam!



# Lower Columbia College Campus Map

## CAMPUS MAP



1. Don Talley Building (DTV)
2. Myklebust Gymnasium (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. Instructional Office Building (IOB)
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 Center (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. Health and Science Building (HSB)

Note: Buildings are not physically numbered. The numbers on this map are for key purposes only. Parking permits are required in all lots.

<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)



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# **Need help paying for college? We've got an App for that!**

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LCC scholarships and  
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[lowercolumbia.edu/costs-aid](http://lowercolumbia.edu/costs-aid)**



Top: Betty Johnson of the Betty Johnson Athletic Scholarship and recipient Haley Hibbs

Middle: Guest Aaron Grimm and Nichole B. Sherman Memorial Music Scholarship recipient Chelsea McDonald

Below: Quidbach Memorial Endowed Scholarship recipients Kitlyn Hiller and Sean Gestson with Rob Quidbach