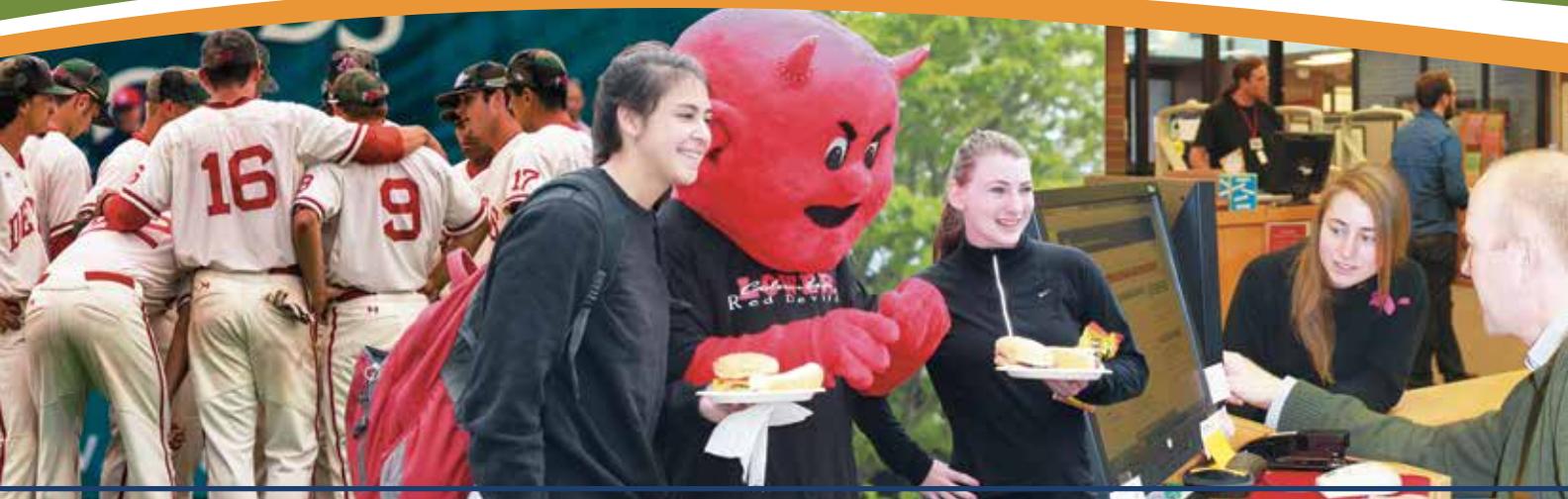


SPRING 2014  
LCC CLASS SCHEDULE



SPRING CLASSES BEGIN APRIL 7

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*Graduates Meghan Griffith and Randy Bailey realized their dreams of earning a high school diploma through the new HS21+ program.*



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

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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.

### April 7–10 (Monday–Thursday)

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

## 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 [mjasurda@lowercolumbia.edu](mailto:mjasurda@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.

**Volume 6, No. 2, Spring 2014.** LCC Class Schedule (USPS 025-007) is published four times a year (November, February, April and June) by Lower Columbia College. The Lower Columbia College Office of College Relations and Marketing is located at 1600 Maple Street, Longview, WA 98632-0310. Periodicals postage paid at Longview, WA and at additional mailing offices. POSTMASTER: Send address changes to Lower Columbia College, 1600 Maple Street, Longview, WA 98632-0310.

# Free College Program Offered For Early Learning And Child Care Providers

The benefits of early learning programs for young children have received growing support on both state and national levels over the past decade. Now child care providers and educators can receive college training at no cost from Lower Columbia College as part of Washington's Early Achievers program.

This is the second year that LCC has participated in the grant program that covers the cost of tuition, books and other support services for current child care providers who wish to gain additional training and college credentials in the Early Childhood Education field.

Kari Johnson, Director of the Rose Valley Friends Church Childcare Center, started her degree in Early Childhood Education 10 years ago. The Early Achiever's program is making it possible for her to finish this year. Not being bound by finances has made this an option for many child care providers. Eight of her staff at Rose Valley are also returning to LCC to take classes.

"This is a great opportunity to better ourselves as educators and to make our center better," Johnson said. The longtime educator sees both demand and expectations growing for quality child care.

Jessica Scruggs works with Johnson at Rose Valley and enrolled in the program this year. "I feel that

every day I am becoming a better teacher based on the tools and information I have received through the program," she says. She hopes to complete a certificate and an associate degree in Early Childhood Education; then to continue studies towards a Bachelor's degree in Human Development.

"I would definitely recommend this program to anyone working with children in any capacity," Scruggs adds. "The support from the teachers and advisors is amazing. This is an ever-changing field and it is so important for children to have quality, educated teachers who understand how children develop to guide them through this crucial time in their lives!"

To accommodate work schedules, courses are offered days, evenings and online and students participate in observation experiences at their own centers and other sites. Centers and family home providers who participate in the Early Achievers program earn quality level ratings which are then posted on the State Department of Early Learning website. The rating system enables providers to demonstrate their commitment to providing quality care and education for young children.



## OPEN HOUSE

**Tuesday, March 4**

**5:30-7:30 p.m.**

**LCC Home & Family Life Building, Rm 129**

Learn about ECE programs, funding and how to enroll.

*Below: Kari Johnson, Sally Reinke, Michelle Hanberry, Brenda Gorans, and Jennifer Murray, Rose Valley child care educators and LCC students.*

## Low Cost Adult High School Diploma Sets Students On Path To Career Success

Meghan Griffith was determined to have a career that would pay enough to take care of her two sons and her daughter. Randy Bailey was inspired by his son, who was serving in the military abroad, to return to school after 25 years.

The pair were among 13% of Cowlitz County adults without a high school credential and at risk of chronic unemployment. During the recent recession, the unemployment rate for those adults was 35% higher than for high school graduates. To make matters worse recent changes to federal rules for financial aid, and an increase in the cost to earn a GED certificate, made finishing high school less affordable for many adults.

Those changes highlighted the need for a more affordable, traditional classroom-based option for earning a high school credential in Washington. Last summer Washington's community and technical colleges offered up a new solution and at Lower Columbia College the results have already been significant.

In just two quarters, 168 adult learners took advantage of the program, named HS21+, to earn high school credits. Thirty-seven have already earned their diploma and, equally important, 27 of those graduates are now enrolled in college programs, including both Meghan and Randy.

Moving adults into college training and education to encourage lifelong learning is a primary goal of HS21+.

When adults earn a high school diploma, they are better-prepared to enter college-level programs, leading to better skills and family-wage jobs.

### Here's how the program works:

- LCC staff meet with students to measure their gaps in education and work readiness. Then, a personalized map of their academic, career, and personal competencies is created to determine what they need to pursue further education, training, and employment.
- Students are required to show competency at a high school level in reading, writing and math in the context of science, history, government, occupational studies, and digital literacy.
- These competencies can also be demonstrated through alternative means, such as work, life, and military experience; a prior learning portfolio; and high school and college transcripts.
- To fill in the gaps in their education, students can enroll in Adult Basic Education classes at LCC at the Basic Skills tuition rate of \$25 per quarter.
- Once they have passed the necessary coursework, LCC will issue the high school diploma.

continued on page 36

# HOW TO REGISTER

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

## Current Students

Registration begins March 3, 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 Winter 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.

## Important Dates for Spring

Priority application deadline for Spring financial aid ....	Feb. 24
Priority registration for Spring begins .....	March 3
Spring Application for Admission Deadline.....	March 3
Open registration for Spring begins.....	March 10
Last day for Spring Administrative Hold .....	March 17
Spring tuition deferment due date.....	April 1
First day of classes .....	April 7
Last day of online registration.....	April 9
Last day to register/add classes.....	April 11
Last day for 100% tuition refund.....	April 11
Last day for 50% tuition refund.....	April 25
Last day to apply for Spring graduation.....	May 6
Memorial Day Holiday .....	May 26
Last day to withdraw from classes.....	May 30
Summer Application for Admission Deadline.....	June 2
Last day of Spring classes.....	June 13
Spring finals .....	June 17-19
Commencement .....	June 20

*Cashier, the Entry Center, Financial Aid, Advising, Registration, and Testing are located in the Admissions Center.*

*Questions? Contact the Entry Center, [entry@lowercolumbia.edu](mailto:entry@lowercolumbia.edu), phone 360.442.2311 or toll-free 1.866.900.2311.*

## New Students

Registration begins March 10 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 3 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 March 10. 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 (April 10), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

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

March 3–April 9.

### 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 \$1.20 per credit facilities use fee and applicable lab fees.

2013-2014 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	114.79	124.42	129.23	286.79	90.73
2	229.58	248.84	258.46	573.58	181.46
3	344.37	373.26	387.69	860.37	272.19
4	459.16	497.68	516.92	1,147.16	362.92
5	573.95	622.10	646.15	1,433.95	453.65
6	688.74	746.52	775.38	1,720.74	544.38
7	803.53	870.94	904.61	2,007.53	635.11
8	918.32	995.36	1,033.84	2,294.32	725.84
9	1,033.11	1,119.78	1,163.07	2,581.11	816.57
10	1,147.90	1,244.20	1,292.30	2,867.90	907.30
11	1,205.84	1,306.82	1,357.27	2,930.85	953.53
12	1,263.78	1,369.44	1,422.24	2,993.80	999.76
13	1,317.97	1,428.31	1,483.46	3,053.00	1,042.24
14	1,372.16	1,487.18	1,544.68	3,112.20	1,084.72
15	1,426.35	1,546.05	1,605.90	3,171.40	1,127.20
16	1,480.54	1,604.92	1,667.12	3,230.60	1,169.68
17	1,534.73	1,663.79	1,728.34	3,289.80	1,212.16
18	1,588.92	1,722.66	1,789.56	3,349.00	1,254.64
19	1,685.18	1,828.55	1,900.26	3,617.26	1,326.84
20	1,781.44	1,934.44	2,010.96	3,885.52	1,399.04
21	1,877.70	2,040.33	2,121.66	4,153.78	1,471.24
22	1,973.96	2,146.22	2,232.36	4,422.04	1,543.44
23	2,070.22	2,252.11	2,343.06	4,690.30	1,615.64

## 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 \$21.90 per class is charged for certain classes identified in the course listing.
- Facilities Maintenance:** The chart includes a fee of \$1.20 per credit, up to 18 credits (max. \$21.60), 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:** \$150.00 for first time on all five. 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 \$1.20/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. An \$9.10 fee per course is charged for an online, hybrid, or web-enhanced class, such as courses marked with the  code.

- 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.

### Scholarship Application Workshops

DAY/DATE	TIME	LOCATION
Wednesday, 3/5	10:30-11:30 a.m.	Lab 4 (AA 109 E)
Thursday, 3/6	3-4 p.m.	Lab 4 (AA 109 E)
Wednesday, 3/12	10:30-11:30 a.m.	Lab 4 (AA 109 E)
Thursday, 3/13	3-4 p.m.	Lab 4 (AA 109 E)
Friday, 3/14	3-4 p.m.	Lab 4 (AA 109 E)
Friday, 3/21	3-4 p.m.	Career Services
Friday, 3/28	3-4 p.m.	Career Services

### 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 April 1 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 (February 24 for Spring Quarter 2014). If your file is complete, with all requested documents, you can register and make arrangements to delay tuition payment until your aid arrives. Apply for an "Administrative Hold" after you register but by March 17 at the Financial Aid Office.

If you miss either deadline, you will need to pay your own tuition to stay enrolled.

# Lower Columbia College Regional University Center

The new Regional University Center, located in the Alan Thompson Library at LCC, provides convenient options for residents of Cowlitz County, and surrounding counties, to earn bachelor's degrees without relocating or a lengthy commute. It will also increase the number of local professionals qualified to fill supervisory and management positions with area companies.

The goal of the center is to increase the number of adults with bachelor's degrees in Cowlitz and Wahkiakum counties. Currently, that number is half the state average.

## 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**.

Four highly-respected universities have partnered with LCC to provide bachelor's degree programs. Advising staff and faculty will be 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.



From left to right: Marianne Fingado, City University of Seattle; Charlotte May, Concordia University; President Chris Bailey, Lower Columbia College; Provost Rex Fuller, Eastern Washington University; Chancellor Mel Netzhammer, Washington State University Vancouver.



## Eastern Washington University

- Bachelor of Arts in Interdisciplinary Studies
- Bachelor of Science in Applied Technology
- Bachelor of Arts in Business Administration – Coming Fall 2014

## Washington State University Vancouver

- Bachelor of Science in Nursing – Coming Fall 2014

**Advising:** Natalie Brusseau  
brusseau@vancouver.wsu.edu

Email to schedule an appointment

## City University of Seattle

- Bachelor of Arts in Elementary Education and Teacher Certification – New cohort begins July 2014

**Advising:** Paul Dehnert  
pdehnert@cityu.edu

Email to schedule an appointment

## Concordia University

- Southwest Washington Bachelor of Arts in Early Childhood Education

**Advising:** Charlotte May  
cmay@cu-portland.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 do well in their classes, earning GPA's equal to students who begin college studies at the university.

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.

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

### 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.

College	Annual Tuition with Increase for (2013-14)	Average GPA LCC Transfer Students
Lower Columbia College	\$4,279	--
University of Washington	\$12,399	3.02
Washington State University	\$11,396	3.08
WSU Vancouver	\$11,386	3.18
Western Washington	\$8,862	3.23
Central Washington	\$7,941	3.07
Eastern Washington	\$7,568	3.3

### 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*

Many people who want to train for a new career also need to improve their skills in math, reading, and writing to find a 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 five 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.

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)

## 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. Classes meet each week in classrooms and/or private academic support labs.

- BUS 104** Business Math Applications
- BUS 144** Management Of Human Relations:DIV
- BTEC 101** Basic Word Processing/Formatting
- BTEC 106** Proofreading Skills
- BTEC 112** Word Processing II
- BTEC 148** Introduction To Outlook
- BTEC 260** Office Procedures
- BTEC 294** Career Success

## 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.

- DHET 111** Hydraulic Brakes
- DHET 115** Air Brake Systems
- DHET 125** Heavy Duty Chassis Maintenance

## 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.

- ECED& 120** Practicum-Nurturing Relationships
- ECED& 170** Environment
- ECED& 180** Language and Literacy Development
- ECED& 190** Observation/Assessment
- ECED 219** Math, Science and Computers in Early Childhood
- ECED 260** Practicum IV/Professionalism
- EDUC& 115** Child Development
- EDUC& 150** Child/Family/Community

## Health Occupations/Nursing Assistant

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

I-BEST Health Occupations (HOC) is only offered in the fall and spring. Some classes also fulfill requirements for the pre-nursing and medical assisting programs.

- AH 100** Blood Borne Pathogens and Infection Control
- AH 104** Healthcare Foundations
- AH 112** Body Structure, Function and Terminology
- AH 114** Healthcare Communication Skills
- HLTH 100** Occupational Safety and Health
- MEDA 101** Medical Vocabulary I
- NURS 090** Nursing Assistant

## Manufacturing Occupations

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

- ENGL 110** Industrial Communication
- MASP 111** Machine Shop I
- TECH 078** Pre-College Math I
- TECH 079** Pre-College Math II

# Spring 2014

## Finding Your Voice: Advocacy and Identity in American Literature

Monday-Thursday, 9-11:10 a.m. • Instructors: Hiedi Bauer, Dan Schabot

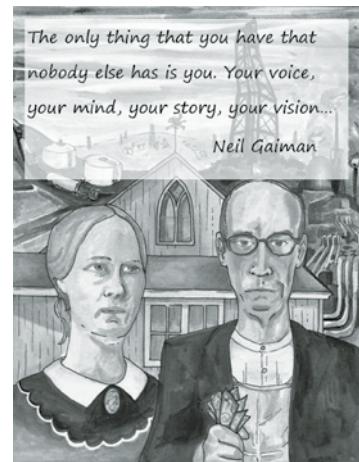
What is the relationship between literature and advocacy? How does literature create, reflect, and project identity? How do writers and speakers find their voice and make it heard? This learning community will answer these questions as it explores the relationships between writing and speaking, advocacy and identity. Provides 10 credits of Humanities. Prerequisite: ENGL 101 or instructor permission.

Sign up for:

**ENGL 244, American Literature, 5 credits (item #3657)**

and

**SPCH 110, Introduction to Public Speaking, 5 credits (item #6835)**



## Race, Class, Sex & Gender

Monday-Thursday 9 a.m.-12:30 p.m. (Tuesday class ends at 12 p.m.)

**Instructors: Don Correll, David Benson, Michael Strayer**

Examine difference, inequality and identity in America from the perspectives of Drama, Political Science, Sociology and Psychology.

- What causes racism, prejudice and hate?
- Is there reverse discrimination?
- Does environment or biology dictate sexual orientation?
- Why are some people poor and some rich?
- Are women smarter than men?
- How pervasive is gender bias in society, in the workplace, in college?
- Does pornography help or hurt society?



Sign up for:

**DRMA& 101, Introduction to Theatre:IS, 5 credits (item #3260)**

or

**DRMA 108, Introduction to Acting III, 5 credits (item #3225)**

or

**DRMA 208, Acting III, 5 credits (item #3250)**

and

**POLS& 202, American Government:IS, 5 credits (item #6560)**

and

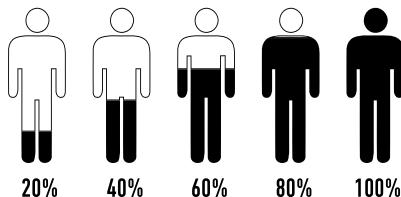
**SOC 210, Human Sexuality:IS, 5 credits (item #6725)**

## 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 what role statistics play in decision making and what is the predictive power of statistics.
- 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 entry into the nursing program or to complete your direct transfer degree (Associate in Arts-DTA).

Sign up for:

**MATH 210, Elements of Statistics, 5 credits (item #5595)**

or

**BUS 206, Statistics Methods, 5 credits (item #2090)**

and

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

# College Your Way: Flexible Choices



## ONLINE LEARNING @ LCC

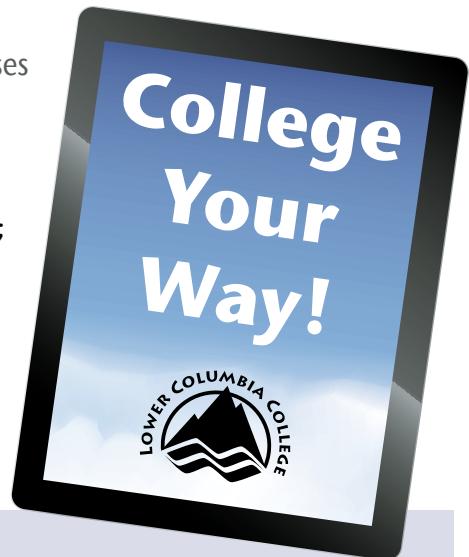
Online learning at Lower Columbia College offers flexibility for those with work, family and other responsibilities to complete college courses and even a degree without a regular commute to campus.

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

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

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 – SPRING 2014

ACCT& 203	Principles of Accounting III	BUS 259	Starting/Managing a Small Business	ECON 105	Intro to Economics	MATH 210	Elements of Statistics
AH 100	Blood Borne Pathogens & Infections	BUS& 101	Introduction to Business	EDUC 191	Introduction to Tutoring	MATH& 107	Math in Society
AH 104	Healthcare Foundations	BUS& 201	Business Law	EDUC 295	Emodality Instru Canvas	MUSC 117	Music Cultures of the World:DIV
AH 114	Healthcare Communication Skills	CHEM& 110	Chemical Concepts w/Lab	ENGL 098	College-Ready English I	NUTR& 101	Nutrition
ART& 100	Art Appreciation:DIV	CHEM& 121	Intro to Chemistry	ENGL 100	College-Ready English II	PHED 152	Personalized Fitness
ART 228	History of Western Art:DIV	COLL 093	Test Taking	ENGL 104	Review of Grammar and Punctuation	PHED 252	Personalized Fitness
BIOL& 160	General Biology w/Lab	COLL 094	Note Taking	ENGL 260	World Literature	POLS& 202	American Government
BIOL& 260	Microbiology	COLL 095	Time Management	ENGL 270	Literature for Children	PSYC& 100	General Psychology
BTEC 181	Medical Terminology I	COLL 096	Textbook Reading	ENGL& 101	English Composition I	PSYC& 200	Lifespan Psychology
BTEC 182	Medical Terminology II	COLL 104	College Knowledge	ENGL& 102	Composition II	SOC& 101	Intro to Sociology:DIV
BUS 144	Management/Human Relations:DIV	CS 110	Microcomputer Applications	ERSI 105	Earth Systems	*SPAN& 121	Spanish I:DIV
BUS 150	Customer Service/ Management	CS 121	Intro to Spreadsheets	HIST& 136	Us History 1	*SPAN& 122	Spanish II:DIV
BUS 159	Principles of Retailing	CS 299	Independent Study/ Intro to Linux	HIST& 137	Us History 2	*SPAN& 123	Spanish III:DIV
BUS 206	Statistical Methods	ECED 188	Group Care Infant & Toddlers	LIBR 094	Information Literacy 1	*SPAN& 221	Spanish IV
BUS 245	Principles of Management	ECED 209	ECED Mentor Development	LIBR 104	Information Literacy 2	*SPAN& 222	Spanish V
				*MATH 088/089	Pre-College Math II	*SPAN& 223	Spanish VI
				*MATH 098/099	Pre-College Math III	SPCH 110	Intro to Public Speaking

*\*These courses do not use Canvas*

# Online Labs, Videos, Textbook Popular With Biology Students

Blowing up your college biology lab isn't funny, unless it's a virtual lab in Biology 160 at LCC. Then it's a teachable moment and adds a bit of humor to a challenging course.

Instructor Lucas Myers says completing experiments using the Late Nite Labs application can be even more effective than working in an actual campus lab because results are instantaneous. That means students can immediately redo the work if needed. The application enables Myers to customize the lab experiments to match those required in his on-campus version of the course.

Spring 2014 marks a full year of offering the online format of the General Biology course, which meets lab science requirements for Allied Health majors and other transfer degrees. To help insure his students are successful, Myers has made changes to the course based on class evaluations and his own observations and experiences. Currently completing a second master's degree through an online program gives him insight into the kinds of challenges his online students face.

One important lesson is a 15 minute tutorial that teaches his students how to use the various online course processes. Even younger students don't always have the specific computer knowledge required for learning online, Myers says. He wants them to spend time learning course content, not on trying to figure out how to use online processes, like uploading documents.

*“...The videos help the class feel more like a classroom while continuing to hold the convenience of being online.”*

Video recordings of himself explaining each week's objectives and requirements have proven popular. "Since I am new to online learning, and haven't been in college in almost 18 years, the detailed video was very helpful," shared one student. "This helped me take accurate notes about your expectations of me as a student in your class."

Students use a free online textbook in the class. The book is interactive and uses animation which makes it more engaging. It also allows Myers to track student participation and re-enforce the need to use the text

through the grading process. Exams can be taken at a test proctoring center or through Proctor U, a nationally-rated online service using a webcam.

Some students select the online course because they need a more

flexible study time or to save commuting costs. Others have enrolled from California and Ohio; or because a spouse had a temporary work project in Southeast Asia.

"It is easier to absorb information when it is taught in a multitude of ways," says a current student. "This course has been the most innovative online class I have yet to take."



## 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

Tuesday, April 8	1- 2 p.m.	AAR 108
Wednesday, April 9	2- 3 p.m.	AAR 108
Thursday, April 10	10-11 a.m.	AAR 108
Thursday, April 10	5-6 p.m.	AAR 110C

### Canvas Bootcamp

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

Thursday, April 3	9 a.m.-12 p.m.
Thursday, April 3	1-4 p.m.
Tuesday, April 8	2-4 p.m.

*Bootcamp is free.*



## Mapping Your Plan For College Success

New to college? Start your first quarter off on the road to success.

In this First-Year Seminar class (COLL 101) discover your strengths and how to put them to use in the classroom and in your everyday life. Learn about tools to improve skills in time management, memory, lecture note taking, textbook reading, outlining, use of the library, test preparation and test taking.

Work with your classmates and instructor to become a more independent learner and a critical thinker. Then create your own road map for successful completion of all the courses required to reach your career goals.

Talk with your college advisor about adding this two-credit course (COLL 101) to your spring schedule of classes.

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

## 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 (April 9), 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. Go to [lowercolumbia.edu/registration](http://lowercolumbia.edu/registration) to find the link to check your waitlist status.

## Spring 2014 Final Exam Schedule (June 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
7:00a.m.-8:20a.m.	M, MWF, MW, W, Daily	8:00a.m.-10:00a.m.	June 19
7:00a.m.-8:20a.m.	MTWTh, MTWF, MWThF, TTh	8:00a.m.-10:00a.m.	June 17
9:00a.m.-9:50a.m.	TTh, MTWTh	8:00a.m.-10:00a.m.	June 18
9:00a.m.-9:50a.m.	MWF, MW, Daily	10:10a.m.-12:10p.m.	June 19
9:55a.m.-10:50a.m.	MW, MWF, Daily	10:10a.m.-12:10p.m.	June 17
11:00a.m.-11:55a.m.	MWThF, TTh, MTWTh	10:10a.m.-12:10p.m.	June 18
11:00a.m.-11:55a.m.	MW, MWF, Daily	12:20p.m.-2:20p.m.	June 19
12:00p.m.-12:55p.m.	MW, Daily, MWThF	12:20p.m.-2:20p.m.	June 17
1:00p.m.-2:00p.m.	MWF, MW, W, MTWTh, Daily, MTWF	12:20p.m.-2:20p.m.	June 18
1:00p.m.-2:30p.m.	TTh, Th, T	2:30p.m.-4:30p.m.	June 19
2:40p.m.-4:00p.m.	MWF, MW, M, W	2:30p.m.-4:30p.m.	June 17
2:40p.m.-4:00p.m.	T, TTh	2:30p.m.-4:30p.m.	June 18
*Classes that conflict with other finals	Such as: 10-10:50 Th, 11-11:50 MWF, 11:10-12 MWF, 12:25-1:15 MWF	Please contact your instructor for your final exam time	
5:00 p.m.-10:00 p.m.	All Times	During Class	Ask 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 are not required to take final exams for more than two classes on a single day. Students may petition the Vice President for Instruction for other final examination arrangements if such a conflict arises, after first contacting the instructor. 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. To deviate from the scheduled day, approval must be obtained from the Vice President for Instruction. 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 an \$9.10 fee. Boot Camp and Orientation information is on page 13.

## 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 March 7th.

### Bookstore Hours

Monday-Thursday 7:30 a.m.-5:00 p.m.  
Friday 7:30 a.m.-2:00 p.m.

\*We will be open until 6 p.m.  
on April 7th and 8th.

### Spring book buyback

June 16th, 12-4:30 p.m.  
June 17th-19th, 8:30 a.m.-4:30 p.m.  
June 20th, 8:30 a.m.-1p.m.



Textbook info online at [lowercolumbia.edu/bookstore](http://lowercolumbia.edu/bookstore)

Course # Course Name

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

## Accounting

### ACCT 101 INTRODUCTION TO ACCOUNTING CONCEPTS

▽ 1340 A 5 TTh 1:20p.m.-3:20p.m. AAR 103 STANLEY J  
Computer lab fee will be charged.

### ACCT 150 PAYROLL ACCOUNTING AND TAX REPORTING

1345 A 5 DAILY 8:00a.m.-8:50a.m. AAR 103 RUA D

### ACCT& 202 PRINCIPALS OF ACCOUNTING II

▽ 1360 A 5 MW 11:10a.m.-12:35p.m. AAR 103 STANLEY J  
Prerequisite: ACCT& 201 with a grade of C or better. A computer lab fee will be charged.

Hybrid class; partly online.

### ACCT& 203 PRINCIPALS OF ACCOUNTING III

▽ 1365 A 5 MW 9:00a.m.-10:25a.m. AAR 103 STANLEY J  
Prerequisite: ACCT& 202 with a grade of C or better and basic spreadsheet skills.

Computer lab fee will be charged.

Hybrid class; partly online.

▽ 1370 DE 5 ARR ARR

STANLEY J

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

Computer lab fee will be charged.

Online class.

## Allied Health

### AH 100 BLOOD BORNE PATHOGENS AND INFECTION CONTROL

▽ 1375 DE 1 ARR ARR ARR BOND M  
Online class.

### AH 104 HEALTHCARE FOUNDATIONS

▽ 1395 DE 2 ARR ARR YARBROUGH S  
Online class.

▽ 1400 DE1 2 ARR ARR COLEMAN K  
Online class.

### AH 112 BODY STRUCTURE, FUNCTION AND TERMINOLOGY

▽ 1420 A 1 T 4:00p.m.-4:50p.m. AAR 126 ENGEL E

### AH 114 HEALTHCARE COMMUNICATION SKILLS

▽ 1445 DE 2 ARR ARR YARBROUGH S  
Online class.

▽ 1450 DE1 2 ARR ARR COLEMAN K  
Online class.

### AH 230 MANAGEMENT ISSUES IN HEALTH CARE

▽ 1470 A 1 Th 1:00p.m.-3:30p.m. AAR 126 YARBROUGH S  
Hybrid class; partly online.  
Classes will be held on April 10, April 24, and May 1, 2014.

## EVENING CLASSES

### AH 104 HEALTHCARE FOUNDATIONS

▽ 1415 NA 2 W 5:15p.m.-7:00p.m. AAR 126 ENGEL E  
Hybrid class; partly online.

### AH 114 HEALTHCARE COMMUNICATION SKILLS

▽ 1465 NA 2 Th 5:15p.m.-7:00p.m. AAR 126 ENGEL E  
Hybrid class; partly online.

ACCT-AH

Course # Course Name

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

## American Sign Language

**ASL & 122 AMERICAN SIGN LANGUAGE II**

6644 A 5 TTh 9:00a.m.-11:00a.m. DTV 233 PIETSCH D

**ANTH & 205 BIOLOGICAL ANTHROPOLOGY**

1530 A 5 MWF 11:10a.m.-12:35p.m. MAN 234 SHAW D

## Anthropology

**ART & 100 ART APPRECIATION: DIV**
▼ 1690 A 5 T 1:20p.m.-3:20p.m. MAN 146 COOPER R  
Hybrid class; partly online.▼ 1695 DE 5 ARR ARR  
Online class.
**ART 101 BEGINNING DRAWING**

1535 A 3 MW 10:00a.m.-12:50p.m. MAN 109 NEELY D

**ART 103 ADVANCED DRAWING**

1550 A 3 MW 10:00a.m.-12:50p.m. MAN 109 NEELY D

**ART 106 BASIC DESIGN**

1560 A 5 TTh 10:00a.m.-12:00p.m. MAN 109 KOHLMEIER M

**ART 107 BASIC DESIGN I**

1565 A 5 TTh 1:00p.m.-3:00p.m. MAN 109 KOHLMEIER M

**ART 108 BASIC DESIGN II**

1570 A 3 TTh 1:00p.m.-3:30p.m. MAN 109 KOHLMEIER M

**ART 111 BEGINNING PAINTING-ACRYLICS**

▼ 1575 A 3 TTh 9:00a.m.-12:00p.m. MAN 103 COOPER R

**ART 112 INTERMEDIATE PAINTING-ACRYLICS**

▼ 1580 A 3 TTh 9:00a.m.-12:00p.m. MAN 103 COOPER R

**ART 113 ADVANCED PAINTING-ACRYLICS**

▼ 1585 A 3 TTh 9:00a.m.-12:00p.m. MAN 103 COOPER R

**ART 154 BEGINNING ANALOG PHOTOGRAPHY**
1590 A 5 TTh 8:00a.m.-11:30a.m. MAN 118 VANDERMATEN  
Lab Fee: \$54.70
**ART 155 BEGINNING DIGITAL PHOTOGRAPHY**
1595 A 5 TTh 12:00p.m.-3:30p.m. MAN 118 VANDERMATEN  
Lab Fee: \$54.70
**ART 157 INTERMEDIATE PHOTOGRAPHY DOCUMENTARY**
1600 A 3 TTh 3:30p.m.-6:00p.m. MAN 118 VANDERMATEN  
Lab Fee: \$32.80
**ART 162 PHOTOSHOP FOR WEB & PRINT**
1610 A 3 MW 1:00p.m.-2:40p.m. MAN 118 NEELY D  
Basic computer skills required. Lab Fee: \$21.90
**ART 228 HISTORY OF WESTERN ART:DIV**
▼ 1620 DE 5 ARR ARR  
Satisfies the Diversity requirement. Online class.

D,H

FREY T

**ART 241 BEGINNING CERAMIC ART**
1625 A 3 MW 1:00p.m.-3:50p.m. MAN 104  
Lab Fee: \$19.00

H,P

WOODS T

**ART 242 INTERMEDIATE CERAMIC ART**
1635 A 3 MW 1:00p.m.-3:50p.m. MAN 104  
Lab Fee: \$25.80

H,P

WOODS T

**ART 243 ADVANCED CERAMIC ART**
1645 A 3 MW 1:00p.m.-3:50p.m. MAN 104  
Lab Fee: \$25.80

H,P

WOODS T

**ART 290 ART STUDIO LAB-CERAMICS**
1665 MM1-3 ARR ARR  
Instructor permission required to enroll.  
Lab Fee: \$25.80

WOODS T

**ART 295 ART LAB-PHOTOGRAPHY**
1670 MM1-3 ARR ARR  
Instructor permission required to enroll.  
Lab Fee: \$32.80

VANDERMATEN

**ART 297 PHOTOSHOP INDEPENDENT STUDY**

1675 MM1-3 ARR ARR

NEELY D

**ART 299 INDEPENDENT STUDY-ART**
▼ 1680 MM1-3 ARR ARR  
Instructor permission required to enroll.  
Lab Fee: \$27.30

COOPER R

**▼ 1685 MM1 1-3 ARR**

ARR KOHLMEIER M

Instructor permission required to enroll.

Lab Fee: \$27.30

## EVENING CLASSES

**ART 101 BEGINNING DRAWING**

1540 N 3 TTh 6:00p.m.-8:50p.m. MAN 109 KOHLMEIER M

H,P

**ART 102 INTERMEDIATE DRAWING**
1545 N 3 TTh 6:00p.m.-8:50p.m. MAN 109 KOHLMEIER M  
Lab Fee: \$5.40

H,P

**ART 103 ADVANCED DRAWING**

1555 N 3 TTh 6:00p.m.-8:50p.m. MAN 109 KOHLMEIER M

H,P

**ART 158 ADVANCED PHOTOGRAPHY DIGITAL & ANALOG**
1605 N 3 TTh 6:00p.m.-8:30p.m. MAN 118 VANDERMATEN  
Lab Fee: \$32.80

H,P

**ART 162 PHOTOSHOP FOR WEB & PRINT**
1615 N 3 MW 6:00p.m.-7:40p.m. MAN 118 NEELY D  
Basic computer skills required.

H,P

Lab Fee: \$21.90

**ART 241 BEGINNING CERAMIC ART**
1630 N 3 MW 6:00p.m.-8:50p.m. MAN 104  
Lab Fee: \$19.00

H,P

WOODS T

**ART 242 INTERMEDIATE CERAMIC ART**
1640 N 3 MW 6:00p.m.-8:50p.m. MAN 104  
Lab Fee: \$25.80

H,P

WOODS T

**ART 243 ADVANCED CERAMIC ART**
1650 N 3 MW 6:00p.m.-8:50p.m. MAN 104  
Lab Fee: \$25.80

H,P

WOODS T

Course # Course Name

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

## Automotive Technology

There is a fee of \$10.90 per student per quarter for all AMTC classes.

### AMTC 104 VEHICLE CLIMATE CONTROL

1485 A 6 MTWTh 1:00p.m.-4:30p.m. DTV 233 ROESKE G

### AMTC 121 GAS ENGINES I

1495 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C  
Start Date: 04/07/14 End Date: 04/24/14

### AMTC 122 GAS ENGINES II

1500 A 1-10 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C  
Start Date: 04/28/14 End Date: 06/19/14

### AMTC 202 COMPUTER ENGINE CONTROLS

1505 A 10 MTWTh 7:30a.m.-12:00p.m. DTV 233 ROESKE G  
Prerequisite: AMTC 101,102, and 201, or instructor permission.

### AMTC 299 INDEPENDENT STUDY

1520 MM1-5 ARR ARR DTV 108 STAFF  
Instructor permission required to enroll.

## Biology

### BIOL& 100 SURVEY OF BIOLOGY

NSL

▼ 1725 A 5 MW 9:00a.m.-10:15a.m. PSC 102 MYERS L  
Students must also enroll for one of the lab sections, BIOL& 100 LA or LB.  
Lab Fee: \$18.20

### BIOL& 100 SURVEY OF BIOLOGY—LAB

1730 LA 0 MW 1:10p.m.-3:00p.m. MAN 202 MYERS L  
1735 LB 0 MW 11:10a.m.-1:00p.m. MAN 202 MYERS L

### BIOL 130 BIODIVERSITY OF THE PACIFIC NW

NSL

▼ 1705 A 5 MW 1:20p.m.-2:35p.m. MAN 207 LAPIERRE L  
MW 2:50p.m.-4:40p.m. MAN 202  
Class will frequently meet outdoors. Field trips required.  
Lab included. Lab Fee: \$15.00.

### BIOL& 160 GENERAL BIOLOGY

NSL

▼ 1740 A 5 TTh 9:00a.m.-11:00a.m. PSC 102 MYERS L  
Students must also enroll in one of the lab sections, BIOL& 160 LA, LB, or LC.  
Lab Fee: \$9.80

▼ 1745 DE 5 ARR ARR MYERS L

Online class. Lab included.

▼ 1750 DE1 5 ARR ARR MYERS L

Online class. Lab included.

### BIOL& 160 GENERAL BIOLOGY—LAB

1742 LA 0 F 9:00a.m.-10:50a.m. MAN 202 MYERS L  
1743 LB 0 Th 11:10a.m.-1:00p.m. MAN 202 MYERS L  
1744 LC 0 F 11:10a.m.-1:00p.m. MAN 202 STAFF

### BIOL& 213 MAJORS BIOLOGY PLANT

NSL

▼ 1765 A 5 TTh 1:20p.m.-2:35p.m. MAN 203 LAPIERRE L  
TTh 2:50p.m.-4:40p.m. MAN 202  
Lab included. Lab Fee: \$12.60

### BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1 WITH LAB

NSL

▼ 1770 DE 6 ARR ARR

MEYERS R

No textbook required for this class.

Online class.

Lab included. Lab Fee: \$12.60

### BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2

NSL

▼ 1790 A 6 WF 1:30p.m.-3:10p.m. PSC 102

MEYERS R

Prerequisite: BIOL& 241 with a C- or better, or instructor permission.

Students must also enroll for one of the lab sections, BIOL& 242 LA, LB, or LC. No textbook is required.

Lab Fee: \$12.60

▼ 1793 DE 6 ARR ARR

MEYERS R

Online class.

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

1795 LA 0 Th 9:00a.m.-11:50a.m. MAN 204 DAILEY V	1800 LB 0 F 9:00a.m.-11:50a.m. MAN 204 DAILEY V
1805 LC 0 Th 12:00p.m.-4:10p.m. MAN 204 DAILEY V	

### BIOL& 260 MICROBIOLOGY

NSL

▼ 1810 A 5 TTh 1:20p.m.-2:35p.m. PSC 102 FULLER K

Prerequisite: BIOL& 160 or BIOL& 211 with C or better or instructor permission.  
Students must also enroll in one of the lab sections - BIOL& 260 LA, LB, or LC.

Students may not enroll in LDE.

Lab Fee: \$22.80

▼ 1820 DE 5 ARR ARR

FULLER K

Students must also enroll in one of the lab sections - BIOL& 260 LA, LB, LC or LDE.  
Online class.

Lab Fee: \$22.80

### BIOL& 260 MICROBIOLOGY—LAB

▼ 1825 LA 0 MW 8:00a.m.-9:50a.m. MAN 204 FULLER K	▼ 1830 LB 0 MW 10:00a.m.-11:50a.m. MAN 204 FULLER K
▼ 1835 LC 0 MW 1:20p.m.-3:10p.m. MAN 204 FULLER K	▼ 1815 LDE 0 ARR ARR FULLER K

Online class.

## EVENING CLASSES

### BIOL 109 ENERGY AND LIFE

▼ 1703 N 5 MW 5:15p.m.-7:30p.m. MAN 202 SKREEN J  
Lab included. Lab Fee: \$18.20

### BIOL& 160 GENERAL BIOLOGY WITH LAB

NSL

▼ 1755 N 5 T 5:10p.m.-8:30p.m. MAN 202 FULLER K  
Lab included.

Hybrid class; partly online.

Lab Fee: \$9.80

## Blueprint Reading

## EVENING CLASSES

### BLPT 160 BLUEPRINT READING FOR WELDERS

1845 N 5 MW 5:00p.m.-7:30p.m. VOC 153 BYRUM R

Course # Course Name

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

## Business Administration

**BUS& 101 INTRODUCTION TO BUSINESS**

▼ 2150 A 5 Th 9:00a.m.-11:00a.m. MAN 147 CUMMINGS D  
 Hybrid class; partly online.  
 ▼ 2155 B 5 T 1:20p.m.-3:20p.m. AAR 106 ALKAZIN SE  
 Hybrid class; partly online.  
 ▼ 2160 DE 5 ARR ARR CUMMINGS D  
 Online class.

**BUS 104 BUSINESS MATH APPLICATIONS**

▼ 2040 A 5 MW 11:10a.m.-12:40p.m. AAR 104 ARMER G  
 Hybrid class; partly online.

**BUS 119 BUSINESS COMMUNICATIONS**

▼ 2045 A 5 Th 1:20p.m.-3:20p.m. AAR 106 ALLWINE T  
 Hybrid class; partly online.

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

▼ 2050 A 5 T 9:00a.m.-11:00a.m. AAR 124 ALKAZIN S  
 Hybrid class; partly online.  
 ▼ 2055 B 5 W 1:20p.m.-3:20p.m. AAR 106 ALLWINE T  
 Hybrid class; partly online.  
 ▼ 2060 DE 5 ARR ARR ALLWINE T  
 Online class.

**BUS 150 CUSTOMER SERVICE/MANAGEMENT**

▼ 2075 A 5 T 1:20p.m.-3:20p.m. AAR 102 ARMER G  
 Hybrid class; partly online.  
 ▼ 2080 DE 5 ARR ARR ARMER G  
 Online class.

**BUS 159 PRINCIPLES OF RETAILING**

▼ 2085 DE 5 ARR ARR DICKINSON G  
 Online class.

**BUS& 201 BUSINESS LAW**

2165 A 5 TTh 1:20p.m.-3:20p.m. MAN 145 SS  
 ▼ 2170 DE 5 ARR ARR QUIRK A QUIRK A  
 Online class.

**BUS 206 STATISTICAL METHODS**

2095 B 5 DAILY 8:00a.m.-8:50a.m. VOC 112 NS  
 ▼ 2105 DE 5 ARR ARR SWEE R LUCAS J  
 Online homework and electronic textbook provided by Pearson Education.  
 Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com  
 Online class.

2090 IS 5 MTWTh 1:20p.m.-3:20p.m. MAN 119 DRAUS D  
 Integrated Studies: "What Is Normal? Society By The Numbers." Students must also enroll in SOC& 101 IS, item 6735, for total of 10 credits.

**BUS 245 PRINCIPLES OF MANAGEMENT**

▼ 2115 DE 5 ARR ARR ARMER G  
 Online class.

**BUS 259 STARTING/MANAGING A SMALL BUSINESS**

▼ 2120 A 5 T 9:00a.m.-11:00a.m. LIB 130 ALLWINE T  
 Hybrid class; partly online.  
 ▼ 2125 DE 5 ARR ARR ALLWINE T  
 Online class.

**BUS 270 INTRODUCTION TO PROJECT MANAGEMENT**

▼ 2128 A 5 T 11:10a.m.-1:10p.m. LIB 130 ALLWINE T  
 Hybrid class; partly online.

**BUS 294 CAREER SUCCESS**

▼ 2140 A 2 W 9:00a.m.-9:50a.m. AAR 124 HOMME S  
 Hybrid class; partly online.

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

▼ 2070 N 5 T 5:15p.m.-7:15p.m. VOC 111 D,SSA BENAM  
 Hybrid class; partly online.

**BUS 206 STATISTICAL METHODS**

5576 N 5 TTh 5:15p.m.-7:20p.m. MAN 146 NS  
 Online homework and electronic textbook provided by Pearson Education.  
 Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

## Business Technology

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

**BTEC 112 WORD PROCESSING II**

▼ 1885 A 5 TTh 9:00a.m.-11:00a.m. AAR 109E GAITHER M  
 ▼ 1890 B 5 TTh 1:00p.m.-3:00p.m. AAR 105 STAFF

**BTEC 148 INTRODUCTION TO OUTLOOK**

▼ 1925 A 1-2 T 10:00a.m.-10:50a.m. AAR 109C HOMME S  
 Hybrid class; partly online.

**BTEC 165 CULTURAL AWARENESS FOR HEALTHCARE PROFESSIONALS**

▼ 1947 A 2 F 9:00a.m.-9:50a.m. AAR 103 GAITHER M  
 Hybrid class; partly online.

**BTEC 173 COMPUTERS IN THE MEDICAL OFFICE**

▼ 1950 A 3 TTh 1:00p.m.-2:30p.m. AAR 109E MILLUS N  
 ▼ 1955 B 3 TTh 2:30p.m.-4:00p.m. AAR 109E MILLUS N

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 1960 DE 1-3 ARR ARR BYMAN T  
 Online class.

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 1970 DE 1-3 ARR ARR BYMAN T  
 Online class.

**BTEC 260 OFFICE PROCEDURES**

▼ 1985 A 5 MWF 1:20p.m.-2:45p.m. AAR 109E GAITHER M

**BTEC 294 CAREER SUCCESS**

▼ 2005 A 2 W 9:00a.m.-9:50a.m. AAR 124 HOMME S  
 Hybrid class; partly online.

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

▼ 1940 N 5 MW 5:30p.m.-7:30p.m. AAR 103 BACKSTROM K  
 There is no computer lab fee for this class.  
 Hybrid class; partly online.

## Course # Course Name

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

**Business Technology Lab**

Any new BTEC students enrolled in arranged BTEC classes (shown as "ARR") must attend a general orientation on Monday, April 7, 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, April 7.

**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**

1850 P 1-3 ARR ARR AAR 109 GAITHER M

This course is graded on a Pass/Fail basis only. Students must sign up for orientation in AAR 109, Lab 5. Please allow one hour for this orientation.

**BTEC 101 BASIC WORD PROCESSING/FORMATTING**

1865 P 1-5 ARR ARR AAR 109 GAITHER M

An orientation is required for this course.

**BTEC 105 KEYBOARDING SPEED/ACCURACY BUILDING**

1870 P 1-4 ARR ARR AAR 109 GAITHER M

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

**BTEC 106 PROOFREADING SKILLS**

1880 P 1-2 ARR ARR AAR 109 GAITHER M

There is no computer lab fee for this class.

**BTEC 125 FILING**

▼ 1900 P 1-3 ARR ARR AAR 109 LEMMONS N

**BTEC 130 ELECTRONIC CALCULATORS**

1905 P 1-2 ARR ARR AAR 109 LEMMONS N

There is no computer lab fee for this class.

**BTEC 144 ONENOTE FUNDAMENTALS**

▼ 1907 P 1 ARR ARR AAR 109 LEMMONS N

**BTEC 145 INTRODUCTION TO MS WORD**

▼ 1910 P 1-5 ARR ARR AAR 109 GAITHER M

**BTEC 146 POWERPOINT FUNDAMENTALS**

▼ 1915 P 1-2 ARR ARR AAR 109 LEMMONS N

**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

▼ 1920 P 1-3 ARR ARR AAR 109 GAITHER M

**BTEC 149 INTERNET FUNDAMENTALS**

▼ 1935 P 1 ARR ARR AAR 109 GAITHER M

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

▼ 1945 P 1-2 ARR ARR AAR 109 LEMMONS N

There is no computer lab fee for this class.

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 1965 P 1-3 ARR ARR AAR 109 LEMMONS N

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 1975 P 1-3 ARR ARR AAR 109 LEMMONS N

**BTEC 230 LEGAL TERMINOLOGY**

▼ 1980 P 1-3 ARR ARR AAR 109 LEMMONS N

Computer lab fee will be charged.

**Chemical Dependency****EVENING CLASSES****CDS 101 INTRODUCTION TO ADDICTIONS & CHEMICAL DEPENDENCY SS**

2175 N 5 MTh 6:00p.m.-8:00p.m. MAN 147 SCHULZ P

**CDS 107 ADOLESCENT DEVELOPMENT**2180 N 3 F 5:15p.m.-8:00p.m. AAR 103 WALTZ M  
S 9:00a.m.-4:00p.m. AAR 103

Class meets Friday and Saturday, April 11 & 12, April 25 & 26, and May 2 & 3.

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

2185 N 3 W 6:00p.m.-8:30p.m. MAN 234 SCHULZ P

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

**CDS 111 RECORDKEEPING/CASE MANAGEMENT**

2190 N 3 M 5:15p.m.-7:45p.m. AAR 104 LORENZO, M

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

**CDS 201 DYNAMICS OF FAMILY & CHEMICAL DEPENDENCY**

2195 N 3 Th 5:15p.m.-7:45p.m. AAR 104 CALIMAN J

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

**CDS 220 CO-OCCURRING DISORDERS**

2200 N 3 T 5:30p.m.-8:00p.m. AAR 104 BOLERJACK J

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

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

NSA

▼ 2235 A 5 TTh 3:30p.m.-5:35p.m. PSC 104 TIETJEN J

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

NSL

▼ 2245 A 5 MWF 11:10a.m.-12:50p.m. PSC 106 HERBELIN A

Lab included. Lab Fee: \$12.60

▼ 2250 DE 5 ARR ARR PECORE J

Online class. Lab included.

**CHEM& 121 INTRODUCTION TO CHEMISTRY**

NSL

▼ 2255 A 5 MWF 10:00a.m.-11:00a.m. PSC 104 KEPLER C

Students must also enroll in one of the lab sections, CHEM& 121 LA or LB.

Lab Fee: \$12.60

▼ 2260 DE 5 ARR ARR PECORE J

Online class. Lab included.

Students must purchase the CK 02710001 LabPaq, cost is \$200. Purchase details are on the Canvas page. Forming lab teams to share the cost is encouraged.

**CHEM& 121 INTRODUCTION TO CHEMISTRY—LAB**

NSL

2265 LA 0 Th 9:00a.m.-11:50a.m. PSC 106 KEPLER C

2270 LB 0 Th 1:20p.m.-4:10p.m. PSC 106 KEPLER C

**CHEM& 131 INTRODUCTION TO ORGANIC/BIOCHEMISTRY**

NSL

2275 A 5 MWF 11:10a.m.-12:10p.m. PSC 104 WOLFER A

T 2:45p.m.-5:35p.m. PSC 104

Lab included. Lab Fee: \$12.60

## Course # Course Name

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

**CHEM& 163 GENERAL CHEMISTRY III** NSL  
 2280 A 5 MWF 8:55a.m.-9:55a.m. PSC 104 WOLFER A  
 Students must also enroll for one of the lab sections, CHEM& 163 LA, or LB.  
 Lab Fee: \$22.80

**CHEM& 163 GENERAL CHEMISTRY III—LAB**  
 2285 LA 0 T 9:00a.m.-11:50a.m. PSC 106 WOLFER A  
 2290 LB 0 W 1:20p.m.-4:10p.m. PSC 106 WOLFER A

**CHEM 231 QUANTITATIVE ANALYSIS** NSL  
 ▼ 2220 A 5 ARR ARR PSC 107 HERBELIN A  
 Lab included. Contact the instructor at aherbelin@lowercolumbia.edu for class information.  
 Hybrid class; partly online.

**CHEM& 263 ORGANIC CHEMISTRY W/LAB III** NSL  
 ▼ 2295 A 5 MWF 1:20p.m.-2:10p.m. PSC 104 HERBELIN A  
 Students must also enroll for one of the lab sections, CHEM& 263 LA or LB.  
 Lab Fee: \$31.90

**CHEM& 263 ORGANIC CHEMISTRY W/LAB III—LAB**  
 2297 LA 0 MW 2:20p.m.-4:10p.m. PSC 107 HERBELIN A  
 2299 LB 0 TTH 9:00a.m.-10:50a.m. PSC 107 HERBELIN A

## EVENING CLASSES

**CHEM& 100 PREPARATORY CHEMISTRY** NSA  
 2240 N 5 TTh 6:00p.m.-8:00p.m. PSC 104 GERICK J

## Chinese

**CHIN& 123 CHINESE III:DIV** D,H  
 2298 A 5 MWF 9:00a.m.-10:25a.m. LIB 130 ZOU Y

## College Success

The sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.

**COLL 093 TEST TAKING**  
 ▼ 2935 DE 1 ARR ARR DEMAREST K  
 Online class.  
 Lab Fee: \$19.40  
 2940 SP 1 ARR ARR LIB PERSONS C  
 Lab Fee: \$10.30

**COLL 094 NOTE TAKING**  
 ▼ 2945 DE 1 ARR ARR PERSONS C  
 Online class.  
 Lab Fee: \$19.40

**COLL 095 TIME MANAGEMENT**  
 ▼ 2955 DE 1 ARR ARR DEMAREST K  
 Online class.

**COLL 096 TEXTBOOK READING**  
 ▼ 2960 DE 1 ARR ARR DEMAREST K  
 Online class.  
 2965 SP 1 ARR ARR LIB PERSONS C

**COLL 100 COLLEGE SUCCESS**  
 2970 A 5 MWF 9:00a.m.-10:25a.m. AAR 123 HUTCHINSON A  
 Lab Fee: \$10.30

**COLL 101 FIRST YEAR SEMINAR I**

▼ 2978 A 2 MWF 12:10p.m.-1:00p.m. AAR 124 RISTER M

**COLL 104 COLLEGE KNOWLEDGE**

▼ 2985 DE 1 ARR ARR Online class. RISTER M

## Computer Science

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

**CS 100 INTRODUCTION TO INFO SYSTEMS**

▼ 2990 A 5 Th 11:10a.m.-1:10p.m. VOC 119 SS DEVIDA D  
 Students must log into class prior to first Thursday.  
 Hybrid class; partly online.

**CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS**

2995 A 3 MWF 9:00a.m.-9:50a.m. AAR 105 DERKACHT D  
 ▼ 3000 B 3 MWF 10:00a.m.-10:50a.m. AAR 110C HOMME S  
 ▼ 3005 C 3 TTh 11:10a.m.-12:25p.m. AAR 110C HOMME S  
 ▼ 3010 DE 3 ARR ARR ROSI D  
 There is no computer lab fee for this class.  
 Online class.

**CS 111 INTRODUCTION TO WINDOWS**

▼ 3020 A 4 MW 1:20p.m.-3:20p.m. AAR 124 HOMME S

**CS 121 INTRODUCTION TO SPREADSHEETS**

▼ 3025 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.  
 ▼ 3030 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**

▼ 3035 A 5 TTh 9:00a.m.-10:30a.m. AAR 105 LEMMONS N  
 Hybrid class; partly online.

**CS 142 PC TECHNICIAN II**

▼ 3060 A 5 MW 2:00p.m.-3:30p.m. VOC 119 DEVIDA D  
 Hybrid class; partly online.

**CS 143 CONFIGURING WINDOWS OPERATING SYSTEMS**

▼ 3055 A 5 Th 1:20p.m.-3:20p.m. VOC 119 DEVIDA D  
 Hybrid class; partly online.

**CS 170 PROGRAMMING FUNDAMENTALS**

3040 A 5 MWF 11:10a.m.-12:50p.m. AAR 123 NS DERKACHT D  
 Prerequisite: MATH 089 with a grade of C or better and knowledge of Windows or instructor permission.

**CS 175 EVENT-DRIVEN PROGRAMMING**

▼ 3045 A 5 MWF 11:10a.m.-12:35p.m. AAR 110C ROSI D  
 Prerequisite: CS 170.  
 Hybrid class; partly online.

**CS 213 CONFIGURING WINDOWS SERVER INFRASTRUCTURES**

▼ 3050 A 5 T 1:20p.m.-3:20p.m. VOC 119 DEVIDA D  
 Prerequisite: CS 212 or instructor permission.  
 Hybrid class; partly online.

## Course # Course Name

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

**CS 251 DIGITAL FORENSICS INCIDENT RESPONSE**▼ 3065 DE 5 ARR ARR  
Online class.

ROSI D

**CS 260 INTRODUCTION TO NETWORK SECURITY**▼ 3075 A 5 TTh 9:00a.m.-11:00a.m. VOC 117  
Hybrid class; partly online.

ROSI D

**CS 280 ADVANCED DATA STRUCTURES**3085 A 5 AAR AAR AAR 105 DERKACHT D  
Lab included. LCC lab is open TTh 9:00 to 11:00 a.m. in VOC 117.**EVENING CLASSES****CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS**

3015 N 3 TTh 5:15p.m.-6:30p.m. AAR 110C JUNEMAN 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 Work Based Learning 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 3-4 p.m. or 5:30-6:30 p.m. on March 26, 2014. Orientation will be held in the Applied Arts Building (AAR), Room 108.

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 125. A \$13.70 lab fee will be charged for all 288 classes.

ACCT	288	1350	DHET	288	3180	MASP	288	5225
ACCT	289	1355	DHET	289	3185	MASP	289	5230
AH	288	1475	ECED	288	3335	MATH	288	5630
AH	289	1480	ECED	289	3340	MATH	289	5635
AMTC	288	1510	EDUC	288	3405	MEDA	288	5735
AMTC	289	1515	EDUC	289	3410	MEDA	289	5740
ART	288	1655	ENGR	288	3790	MUSC	288	5935
ART	289	1660	ENGR	289	3795	MUSC	289	5940
BUS	288	2130	ENVS	288	3830	NURS	288	6130
BUS	289	2135	ENVS	289	3835	NURS	289	6135
BTEC	288	1995	FISC	288	4450	PSYC	288	6565
BTEC	289	2000	FISC	289	4455	PSYC	289	6570
CDS	288	2205	HLTH	288	4665	SPCH	288	6900
CDS	289	2210	HLTH	289	4670	SPCH	289	6905
CHEM	288	2225	HDEV	288	4580	WELD	288	7280
CHEM	289	2230	HDEV	289	4585	WELD	289	7285
CS	288	3090	ICP	288	4930			
CS	289	3095	ICP	289	4935			
CJ	288	2310	LIBR	288	5115			
CJ	289	2315	LIBR	289	5120			

**Criminal Justice****CJ 185 COMMUNITY POLICING/RELATIONS**

2300 A 5 TTh 1:20p.m.-3:20p.m. VOC 116 HAMILTON A

**EVENING CLASSES****CJ 260 PHYSICAL EVIDENCE AND CRIMINALISTICS**

2305 N 5 MW 6:00p.m.-8:00p.m. MAN 235 MILOSEVICH M

**Dance****DANCE 105 INTRODUCTION TO JAZZ**

H,P

▼ 3105 A 2 MW 4:15p.m.-5:30p.m. RCA 139

DICK V

**DANCE 144 SHOW DANCE**

▼ 3110 A 2 TWTh 2:10p.m.-3:00p.m. RCA 102

DICK V

**Diesel/Heavy Equipment Technology**

There is a fee of \$10.90 per student per quarter for all DHET classes.

**DHET 104 VEHICLE CLIMATE CONTROL**

3115 A 6 MTWTh 1:00p.m.-4:30p.m. DTV 233 ROESKE G

**DHET 111 HYDRAULIC BRAKES**

3125 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K

Start Date: 04/07/14 End Date: 04/28/14

**DHET 115 AIR BRAKE SYSTEMS**

3140 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K

Start Date: 04/29/14 End Date: 05/20/14

**DHET 125 HEAVY DUTY CHASSIS MAINTENANCE**

3155 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 106A ECKLUND K

Start Date: 05/21/14 End Date: 06/13/14

**DHET 220 HEAVY DUTY POWER TRAINS**

3170 A 10 MTWTh 12:00p.m.-4:30p.m. DTV 106A DILLINGER J

Start Date: 04/07/14 End Date: 05/23/14

**DHET 230 ADVANCED SHOP PRACTICES**

3175 A 5 MTWTh 12:00p.m.-4:30p.m. DTV 106A DILLINGER J

Prerequisite: Completion of 60 DHET credits.

Start Date: 05/27/14 End Date: 06/13/14

**DHET 299 INDEPENDENT STUDY**

3190 MM 2 ARR ARR ECKLUND K

## Course # Course Name

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

**Drafting**

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

**EVENING CLASSES****DRFT 107 TECHNICAL GRAPHICS**

3195 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

**DRFT 151 INTRODUCTION TO CAD**3200 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K  
Four hours lab time per week to be arranged with the instructor.**DRFT 210 ADVANCED TECHNICAL GRAPHICS**

3205 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

**DRFT 252 3D COMPUTER AIDED DRAFTING**

3210 N 1-3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

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

3215 N 3 TTh 6:00p.m.-8:15p.m. VOC 113 ROGERS K

**Drama****DRMA& 101 INTRODUCTION TO THEATRE**

H

▼ 3260 IS 5 MTWTh 9:00a.m.-12:30p.m. MAN 119 CORRELL D  
Integrated Studies: "Race, Class, Sex and Gender." Students must also enroll in POLS& 202 IS, item 6560, or POLS 250 IS, item 6550, and SOC 210 IS, item 6725, for a total of 15 credits.

**DRMA 108 INTRODUCTION TO ACTING III:IS**

H,P

▼ 3225 IS 5 MTWTh 9:00a.m.-12:30p.m. MAN 119 CORRELL D  
Integrated Studies: "Race, Class, Sex and Gender." Students must also enroll in POLS& 202 IS, item 6560, or POLS 250 IS, item 6550, and SOC 210 IS, item 6725, for a total of 15 credits.

**DRMA 116 STAGE CRAFTS I**

3230 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

**DRMA 117 STAGE CRAFTS II**

3235 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

**DRMA 118 STAGE CRAFTS III**

3240 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

**DRMA 208 ACTING III:IS**

P

▼ 3250 IS 5 MTWTh 9:00a.m.-12:30p.m. MAN 119 CORRELL D  
Integrated Studies: "Race, Class, Sex and Gender." Students must also enroll in POLS& 202 IS, item 6560, or POLS 250 IS, item 6550, and SOC 210 IS, item 6725, for a total of 15 credits.

**EVENING CLASSES****DRMA 198 REHEARSAL & PERFORMANCE III**

▼ 3245 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 CORRELL D  
Enrollment restricted to students in current production.

**DRMA 298 REHEARSAL & PERFORMANCE VI**

▼ 3255 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 CORRELL D  
Enrollment restricted to students in current production.

**Early Childhood Education****ECED& 100 CHILD CARE BASICS**

▼ 3270 A 3 Sa 9:00a.m.-2:00p.m. VOC 111 AKINS-FIELDS  
Class meets in the classroom on Saturday, April 19 and Saturday, May 3.  
Hybrid class; partly online.

**ECED 120 PRACTICUM-NURTURING RELATIONSHIPS**

▼ 3280 A 2 Th 2:00p.m.-2:50p.m. VOC 111 AKINS-FIELDS

**ECED 170 ENVIRONMENTS YOUNG CHILD**

▼ 3295 A 3 Th 9:00a.m.-11:00a.m. VOC 111 ZBAEREN J  
Hybrid class; partly online.

**ECED& 180 LANGUAGE AND LITERACY DEVELOPMENT**

▼ 3345 A 3 T 9:00a.m.-12:00p.m. VOC 111 WILLIAMSON A

**ECED 188 GROUP CARE FOR INFANTS AND TODDLERS**

▼ 3300 DE 3 ARR ARR JOHNSON S  
Online class.

**ECED 190& OBSERVATION/ASSESSMENT**

▼ 3355 A 3 Th 12:00p.m.-1:40p.m. VOC 111 AKINS-FIELDS  
Hybrid class; partly online.  
Instructor permission to enroll.

**ECED 209 ECED MENTOR DEVELOPMENT**

▼ 3310 DE 1 ARR ARR ZBAEREN J  
Online class.

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

▼ 3315 A 3 T 2:00p.m.-5:00p.m. VOC 111 WILLIAMSON A

**ECED 260 PRACT IV/PROFESSIONALISM**

▼ 3325 A 3 W 2:00p.m.-3:00p.m. VOC 111 WILLIAMSON A  
Instructor permission required to enroll.

**EVENING CLASSES****ECED 138 RESPONSIVE LEARNING ENVIRONMENTS**

▼ 3265 N 1 Th 6:30p.m.-8:30p.m. VOC 111 AKINS-FIELDS  
Class dates: April 10, 17, 24; May 1, 8.

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

NSL

▼ 3840 DE 5 ARR ARR BARD E  
Online class.

Lab Fee: \$21.70

▼ 3845 DE1 5 ARR ARR BARD E  
Online class.

Lab Fee: \$21.70

## Course # Course Name

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

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

▼ 3370 A 5 MTWTh 11:10a.m.-12:00p.m. MAN 146 FRANZ J  
Hybrid class; partly online.

▼ 3375 DE 5 ARR ARR FRANZ J  
Online class.

**ECON & 201 MICRO ECONOMICS SS**

▼ 3380 A 5 TTh 9:00a.m.-11:00a.m. MAN 146 FRANZ J

**EVENING CLASSES****ECON & 202 MACRO ECONOMICS SS**

▼ 3385 N 5 T 5:30p.m.-7:30p.m. MAN 233 FRANZ J  
Hybrid class; partly online.

**Education****EDUC & 115 CHILD DEVELOPMENT**

3312 A 5 F 9:00a.m.-12:00p.m. VOC 111 ZBAEREN J

**EDUC 140 EDUCATION AND THE LAW**

3390 A 3 MWF 3:30p.m.-4:20p.m. MAN 145 QUIRK A

**EDUC & 150 CHILD/FAMILY/COMMUNITY**

▼ 3420 A 3 M 2:10p.m.-4:40p.m. VOC 111 ZBAEREN J

**EDUC 191 INTRODUCTION TO TUTORING**

▼ 3395 DE 1-3 ARR ARR WILLIAMSON A  
Instructor permission required to enroll.  
Online class.

**EDUC & 205 INTRODUCTION TO EDUCATION W/FIELD EXPERIENCE:DIV D**

▼ 3430 A 5 MW 9:00a.m.-10:30a.m. VOC 111 WILLIAMSON A

**EVENING CLASSES****EDUC 214 INSTRUCTIONAL STRATEGIES**

3400 N 3 Th 3:45p.m.-6:15p.m. VOC 111 JOHNSON A

**Engineering****ENGR 106 ENGINEERING PROBLEMS NS**

3785 A 3 MF 1:20p.m.-3:50p.m. PSC 106 GERICK J

**ENGR & 224 THERMODYNAMICS**

▼ 3815 A 5 MTh 3:00p.m.-5:00p.m. SCI 102 LIVINS P

**ENGR & 225 MECHANICS OF MATERIALS**

3820 A 5 MWF 1:00p.m.-2:25p.m. AAR 104 MORRISON D

**EVENING CLASSES****ENGR & 121 ENGINEERING GRAPHICS I**

3800 N 1-3 MW 6:00p.m.-8:00p.m. VOC 113 MORRISON D  
Computer lab fee will be charged.

**ENGR & 122 ENGINEERING GRAPHICS II**

3805 N 1-3 MW 6:00p.m.-8:00p.m. VOC 113 MORRISON D  
Prerequisite: ENGR & 121 or instructor permission. A computer lab fee will be charged.

**ENGR & 123 ENGINEERING GRAPHICS III**

3810 N 1-3 MW 6:00p.m.-8:00p.m. VOC 113 MORRISON D  
Prerequisite: ENGR & 122 or instructor permission. A computer lab fee will be charged.

**English**

Sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.

**ENGL 072 SENTENCE/PARAGRAPH**

3435 SP 1-2 ARR ARR LIB PERSONS C

**ENGL 073 THE COLLEGE ESSAY**

3440 SP 1-2 ARR ARR LIB PERSONS C

**ENGL 090 SPELLING IMPROVEMENT**

3445 SP 1 ARR ARR LIB PERSONS C

**ENGL 095 VOCABULARY BUILDING**

3450 SP 1 ARR ARR LIB PERSONS C

**ENGL 096 READING WORKSHOP I**

3455 A 2 DAILY 8:00a.m.-8:50a.m. DTV 215 LEACH M  
Start Date: 05/15/14 End Date: 06/19/14

**ENGL 097 READING WORKSHOP II**

3460 A 2 DAILY 8:00a.m.-8:50a.m. DTV 215 LEACH M  
Start Date: 05/15/14 End Date: 06/19/14

**ENGL 098 COLLEGE READY ENGLISH I**

▼ 3465 A 5 DAILY 8:00a.m.-8:50a.m. DTV 214 DIGERLANDO N  
3475 C 5 MWF 9:00a.m.-10:25a.m. AAR 103 STOWELL B

3480 D 5 DAILY 10:00a.m.-10:50a.m. DTV 232 CONNOLLY B

3485 E 5 DAILY 10:00a.m.-10:50a.m. DTV 215 SHULKE D

3490 F 5 DAILY 11:10a.m.-12:00p.m. DTV 215 CONNOLLY B

3495 G 5 DAILY 11:10a.m.-12:00p.m. DTV 232 HUTCHINSON A

3500 H 5 MWF 1:20p.m.-2:45p.m. AAR 123 SHULKE D

▼ 3483 DE 5 ARR ARR LEMIERE A

Online class.

**ENGL 099 SP LEARN LAB PRACTICUM**

3535 SP 1-3 ARR ARR LIB PERSONS C

**ENGL 100 COLLEGE READY ENGLISH II**

▼ 3540 A 5 DAILY 8:00a.m.-8:50a.m. DTV 214 DIGERLANDO N  
3550 C 5 MWF 9:00a.m.-10:25a.m. AAR 103 STOWELL B

3555 D 5 DAILY 10:00a.m.-10:50a.m. DTV 232 CONNOLLY B

3560 E 5 DAILY 10:00a.m.-10:50a.m. DTV 233 SHULKE D

3565 F 5 DAILY 11:10a.m.-12:00p.m. DTV 215 CONNOLLY B

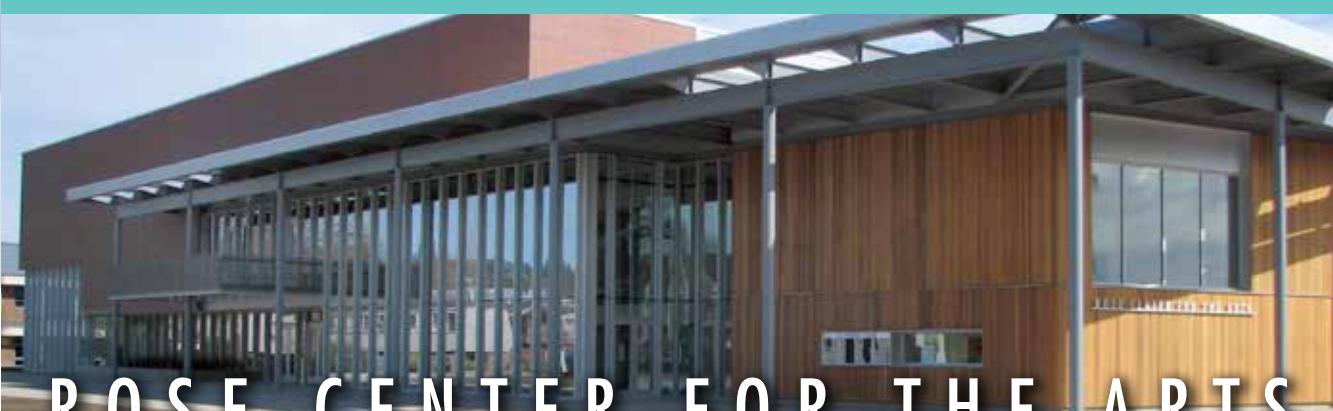
3570 G 5 DAILY 11:10a.m.-12:00p.m. DTV 232 HUTCHINSON A

3575 H 5 MWF 1:20p.m.-2:45p.m. AAR 123 SHULKE D

▼ 3557 DE 5 ARR ARR LEMIERE A

Online class.

# Spring Events at Lower Columbia College



## ROSE CENTER FOR THE ARTS

### ART GALLERY

#### **Winter 2014**

**Deborah Bouchette**  
February 18 – March 14

Opening Reception:  
February 18, 4-6 p.m.

#### **Spring 2014**

**Mark Stevenson**

April 8 – May 1

Opening Reception:  
April 8, 4-6 p.m.

#### **Student Art Show**

May 27 – June 5

Opening Reception:  
May 27, 4-6 p.m.

#### **Gallery Hours:**

Mon-Tues 10 a.m.-6 p.m.  
Wed-Fri 10 a.m.-4 p.m.

### THEATRE

#### ***The Tempest***

Magic and revenge on an isolated island  
by William Shakespeare

**February 26-28, March 1, 6-8, 13-15**

Prospero, the former Duke of Milan, now a magician on an Mediterranean island, plots through magic to return his daughter, Miranda, to her rightful place. Miranda of course falls in love the son of her father's enemy.



#### ***Painting Churches***

A family coming to terms with old age and love  
by Tina Howe

**May 28-31, June 5-7, 12-14**

Gardner and Fanny Church are preparing to move out of their Beacon Hill house. He slips in and out of senility as his wife Fanny valiantly tries to keep them both afloat. Their daughter Mags hopes to finally paint their portrait and to come to terms with them and they with her.

### LCC BAND & CHOIR CONCERTS

#### **Winter 2014**

**Symphonic Band Concert**  
**Jazz Band Concert**  
**Choir Concert**  
**Opera Gala**

**March 7**  
**March 11**  
**March 14**  
**March 20**

#### **Spring 2014**

**Choir Concert**  
**Opera Gala**  
**Symphonic Band Concert**  
**Jazz Band Concert**

**May 16**  
**May 22**  
**June 6**  
**June 10**

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

# Rural Outreach Expands College Opportunities

Eighty years ago, Lower Columbia College was established to provide access to higher education for students in rural areas of Washington State, like the young mill town of Longview and neighboring Kelso. Even today, residents of Wahkiakum County and communities like Castle Rock and Woodland face similar challenges created by distance from the nearest college.

LCC is now spanning those miles with technology by establishing new Rural Outreach partnerships with two Wahkiakum County communities and three high schools. Designated computer centers at Castle Rock, Woodland and Toutle Lake will enable juniors and seniors to get a jump start on college through online courses without giving up their high school experience. Similar facilities at community centers in Grays River and Cathlamet will provide access to LCC services and courses for local residents.

Susan Barker, Castle Rock School District Superintendent, tells us that her district is "... excited about the arrival of On-line Running Start for our high school students. Clearly this is an advantage for students who want to participate in Running Start but also want to have a complete high school experience."

Created by the Washington State Legislature, Running Start provides academically qualified students an opportunity to take college courses while they are still in high school. Tuition is covered by the state for up to 15 credits while students are responsible for fees and books. Students receive both high school and college credit for completed classes.

## Better Chances For Rural Students

Some students, from more distant school districts, have had less flexibility to participate in school clubs and sports because of the time required to commute to the LCC campus. The new Centers provide a location to do class work online and be close by for their high school activities.

Those unable to afford a car and fuel costs were often unable to take advantage of the program. Parents like that students will be at their nearby school and not commuting on icy roads during winter months.



Another benefit according to Barker is "the Rural Outreach will also open the doors of opportunity to low-income students who may want to enter post-secondary education but simply do not have the resources available to do so. This collaboration with LCC is a sound investment in our collective futures and we cannot wait to 'open the door' for the students of Castle Rock."

Woodland Principal John Shoup agrees, "The Rural Outreach partnership changes the dynamic for the school and our students. We can now give our students the option to take college classes and still have their high school experience."

LCC provided computers for the areas at both Castle Rock and Woodland. There is also a part-time tutor to assist students at Castle Rock. At Toutle Lake High School, students can complete their LCC classes in the new Resource Center.

## Community Centers Include College Services

Historic building makeovers will provide library-community center facilities which each include a bank of LCC computers in both downtown Cathlamet and Grays River. The latter opened this fall in the former Rosburg Elementary School and work is nearing completion at the 1930's era firehouse in Cathlamet. In addition to providing online access to LCC classes and services at both locations, the College also plans to offer career exploration and job search skills workshops and non-credit community education courses in the future.

Improved internet access, especially in Wahkiakum County, and a growing selection of online courses and programs available from LCC make it the perfect time for the community center partnerships. The College offers nearly 100 online credit courses each quarter and students can also complete associate degrees in business or general transfer and a certificate in Digital Forensics all through online studies.

A wide range of community education classes, from personal finance to computer studies to languages, are also available online through LCC.

## Course # Course Name

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

## ENGL&amp; 101 ENGLISH COMPOSITION I

▼ 3670 A	5	DAILY	8:00a.m.-8:50a.m.	MAN 147	MOIR D
▼ 3675 B	5	DAILY	9:00a.m.-9:50a.m.	RCA 220	MOIR D
▼ 3680 C	5	MWF	9:00a.m.-10:25a.m.	MAN 203	HERMAN J
▼ 3685 D	5	T	9:00a.m.-11:00a.m.	AAR 103	DIGERLANDO N
Hybrid class; partly online.					
▼ 3690 DE	5	ARR	ARR		RONISH C
Online class.					
▼ 3695 DE1	5	ARR	ARR		FRANCKIEWICZ
Online class.					

## ENGL&amp; 102 COMPOSITION II

▼ 3705 F	5	MWF	11:10a.m.-12:35p.m.	LIB 130	HERMAN J	HA
▼ 3710 G	5	MWF	1:20p.m.-2:45p.m.	DTV 214	RISTER M	
▼ 3715 H	5	TTh	1:20p.m.-3:20p.m.	AAR 110c	LEMIERE A	
Online class.						
▼ 3730 A	5	MW	9:00a.m.-11:00a.m.	VOC 116	HULL K	
▼ 3735 B	5	TTh	9:00a.m.-11:00a.m.	AAR 123	RONISH C	
▼ 3740 C	5	MW	10:00a.m.-12:00p.m.	AAR 124	DIGERLANDO N	
▼ 3745 DE	5	ARR	ARR		MCCARTHY D	
Online class.						
▼ 3750 DE1	5	ARR	ARR		MCCARTHY D	
Online class.						
▼ 3760 F	5	MW	1:20p.m.-3:20p.m.	MAN 147	HULL K	
▼ 3765 G	5	TTh	1:20p.m.-3:20p.m.	AAR 124	RONISH C	
▼ 3770 H	5	M	2:45p.m.-4:45p.m.	MAN 205	AUSTIN K	
Hybrid class; partly online.						

## ENGL 104 REVIEW OF GRAMMAR AND PUNCTUATION

▼ 3610 DE	1-2	ARR	ARR		PERSONS C
Online class.					

## ENGL 110 INDUSTRIAL COMMUNICATION

▼ 3615 A	5	MW	1:20p.m.-3:20p.m.	VOC 112	DIGERLANDO N
3620 B	5	TTh	1:20p.m.-3:20p.m.	MAN 207	ROOSE J

## ENGL 126 ARTS MAGAZINE PUBLICATION

3630 A	2	F	1:00p.m.-3:00p.m.	MAN 148
Students must arrange one additional hour lab time per week.				

## ENGL 221 TEACHING AND TUTORING WRITING I

3774 A	3	T	12:00p.m.-2:30p.m.	MAN 149
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## ENGL 222 TEACHING AND TUTORING WRITING 2

3776 A	3	T	12:00p.m.-2:30p.m.	MAN 149
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## ENGL 223 TEACHING AND TUTORING WRITING 3

3777 A	3	T	12:00p.m.-2:30p.m.	VOC 112
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## ENGL 226 ARTS MAGAZINE PUBLICATION

3640 A	2	F	1:00p.m.-3:00p.m.	MAN 148
Students must arrange one additional hour lab time per week.				

## ENGL 231 CREATIVE WRITING

▼ 3645 A	5	TTh	1:20p.m.-3:20p.m.	AAR 123
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## ENGL 232 CREATIVE WRITING

▼ 3650 A	5	TTh	1:20p.m.-3:20p.m.	AAR 123
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## ENGL 233 CREATIVE WRITING

▼ 3655 A	5	TTh	1:20p.m.-3:20p.m.	AAR 123
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## ENGL&amp; 244 AMERICAN LITERATURE I:IS

H  
3657 IS1 10 MTWTh 9:00a.m.-11:10a.m. MAN 233 BAUER H  
Integrated Studies: Finding Your Voice: Advocacy and Identity in American Literature. Students must also register for SPCH 110 IS1, item 6835, for a total of 10 credits.

## ENGL 260 WORLD LITERATURE

H  
▼ 3660 DE 5 ARR ARR  
Online class.

## ENGL 270 LITERATURE FOR CHILDREN

H  
▼ 3665 DE 5 ARR ARR  
Online class.

## EVENING CLASSES

## ENGL 098 COLLEGE READY ENGLISH I

3525 N 5 MW 6:00p.m.-8:00p.m. MAN 146 WALKER N

## ENGL 100 COLLEGE READY ENGLISH II

3600 N 5 MW 6:00p.m.-8:00p.m. MAN 146 WALKER N

## ENGL&amp; 101 ENGLISH COMPOSITION I

▼ 3725 N 5 T 6:00p.m.-8:00p.m. MAN 147 ROOSE J  
Hybrid class; partly online.

## ENGL&amp; 102 COMPOSITION II

▼ 3775 N 5 Th 5:15p.m.-7:20p.m. MAN 125 ROOSE J  
Hybrid class; partly online.

## Environment Studies

## ENVS 215 ENVIRONMENT ISSUES &amp; APPLICATIONS

3825 A 5 MW 1:20p.m.-2:35p.m. RCA 220 GUDERYAHN L  
MW 2:50p.m.-4:40p.m. SCI 107

Lab included. Lab Fee: \$12.60

Prerequisite: ENGL& 101 or instructor permission, and MATH 088 or TECH 088.

## Fire Science

## FISC 206 HAZARDOUS MATERIALS IPT

4435 A 3 T 1:30p.m.-4:00p.m. DTV 202 NEW M  
A state certification, IFSAC, will be offered at the end of class. Contact Mike New for more information.

## FISC 220 WILDLAND FIREFIGHTER II

4440 A 3 Sa 8:30a.m.-4:00p.m. OC FISHER R  
Class meets at Cowlitz 2 Fire and Rescue, 701 Vine St, Kelso, WA. Contact Mike New at 360.442.2871 for more information.

## FISC 255 FIRE FIGHTING TACTICS

4445 A 3 W 1:30p.m.-4:00p.m. DTV 202 NEW M

## EVENING CLASSES

## FISC 125 FIRE SERVICE RESCUE

4430 N 5 T 5:15p.m.-7:45p.m. DTV 202 NEW M  
Sa 8:30a.m.-4:00p.m. OC

Class will meet 3 Saturdays, April 26, May 10 and May 24. Contact instructor at mnnew@lowercolumbia.edu for more information.

Course # Course Name

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

## Geology

### GEOL 118 HISTORICAL GEOLOGY

4460 A 5 MWF 11:10a.m.-12:00p.m. SCI 107  
TTh 12:00p.m.-1:50p.m. SCI 107

NSL  
CORDERO D

Lab included. Lab Fee: \$12.60

## Health

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

### HLTH 100 OCCUPATIONAL SAFETY AND HEALTH

4620 A 3 MW 8:00a.m.-9:15a.m. DTV 202 JOHNSON B  
4625 B 3 Sa 8:00a.m.-5:00p.m. DTV 202 JOHNSON B  
4630 C 3 TTh 9:00a.m.-10:15a.m. DTV 202 JOHNSON B  
4635 D 3 MW 11:10a.m.-12:25p.m. DTV 202 JOHNSON B  
4640 E 3 Th 1:30p.m.-4:00p.m. DTV 202 JOHNSON B

▼ 4645 HB 3 ARR ARR JOHNSON B

The 1st Aid/CPR session is scheduled for Saturday, April 19 from 8 a.m. to 5 p.m. in DTV 202.

Hybrid class; partly online.

### HLTH 105 FIRST AID/CPR/BB PATHOGENS

6417 A 1 F 1:00p.m.-2:50p.m. DTV 202 JOHNSON B  
Start Date: 04/18/14 End Date: 05/16/14

### HLTH 106 HEALTH TODAY

▼ 4660 A 2 T 10:00a.m.-10:50a.m. VOC 116 ROSS E  
Hybrid class; partly online.

## High School Completion

The High School Completion lab is located in the International Center. Please call 360.442.2691 for more information. Students may enroll in HSC classes for 3 or 5 credits.

HSC 075	INTRODUCTION TO DRAMA	4830
HSC 076	FAMILY LIFE	4835
HSC 079	MATH CONCEPTS-GEOMETRY	4840
HSC 080	MATH CONCEPTS-ALGEBRA	4845
HSC 081	CULMINATING PROJECT	4820
HSC 083	CAREER PLANNING	4805
HSC 085	HEALTH	4847
HSC 086	INTRODUCTION TO LITERATURE	4850
HSC 087	INTRODUCTION TO POETRY	4855
HSC 088	INTRODUCTION TO WRITING	4860
HSC 089	ENGLISH ESSENTIALS	4865
HSC 090	NATURAL HAZARDS	4870
HSC 091	ENVIRONMENTAL SCIENCE	4875
HSC 092	US GOVERNMENT	4880
HSC 093	US HISTORY I	4884
HSC 094	US HISTORY II	4889
HSC 095	WASHINGTON STATE HISTORY	4894
HSC 096	CONTEMPORARY WORLD PROBLEMS	4899
HSC 097	PERSONAL FINANCE	4904

## History

### HIST & 128 WORLD CIVILIZATIONS III:DIV

D,SS  
SHAH C

▼ 4595 A 5 MWF 11:10a.m.-12:35p.m. MAN 145

### HIST & 136 US HISTORY 1

SS

▼ 4600 A 5 MW 8:00a.m.-10:00a.m. MAN 145 AUSTIN K

▼ 4605 DE 5 ARR ARR HAMMER L  
Online class.

### HIST & 137 US HISTORY 2

SS

▼ 4610 A 5 MWF 1:20p.m.-2:45p.m. MAN 234 SHAH C

▼ 4617 B 5 MW 8:00a.m.-10:00a.m. MAN 145 KOTIN D

▼ 4615 DE 5 ARR ARR SHAH C  
Online class.

## Human Development

### HDEV 080 TRANSITIONS

4470 POP 2 TWTh 8:40a.m.-11:00a.m. HS SWIER K

### HDEV 101 CAREER PLANNING

4535 A 2 TTh 1:20p.m.-2:10p.m. MAN 149 HOUZE J

### HDEV 118 LEADERSHIP & STUDENT GOVERNMENT

4545 A 1-3 T 11:10a.m.-1:00p.m. STC AHMADIFARD R

### HDEV 120 INDIVIDUAL & GROUP RELATIONS

4550 A 1-2 M 2:10p.m.-4:10p.m. MAN 148 MCNABB A

For class information, contact instructor at mmcnabb@lowercolumbia.edu  
4555 B 1-2 ARR ARR MCNABB A

### HDEV 125 ASSERTIVENESS TRAINING

4560 A 2 F 11:10a.m.-12:50p.m. AAR 104 STAFF

### HDEV 218 LEADERSHIP & STUDENT GOVERNMENT

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

### HDEV 299 INDEPENDENT STUDY

4590 A 1-10 ARR STAFF

## EVENING CLASSES

### HDEV 115 STRESS MANAGEMENT

4540 N 2 Th 7:00p.m.-8:40p.m. MAN 203 HEDGLIN P

Course # Course Name

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

## Humanities

### HUM 106 COMMUNITY CONVERSATIONS

▼ 4900 A 1 Th 12:00p.m.-12:50p.m. RCA 123 PERSONS C

### HUM & 118 HUMANITIES III

4920 A 5 MWF 1:00p.m.-2:45p.m. LIB 130 LEACH M H

### HUM 164 CULTURAL JOURNEY:DIV

4910 A 5 MW 1:20p.m.-3:20p.m. DTV 215 BAUER H D,H

### HUM 210 MYTH AND RITES:DIV

4915 A 5 TTh 1:20p.m.-3:20p.m. PSC 104 LEACH M D,H

### EVENING CLASSES

#### HUM 107 HOW TO SEE A PLAY

4905 N 1 Th 7:30p.m.-10:30p.m. RCA 131 CORRELL D H

LCC Center Stage performance. Students must contact the instructor by May 23, 2014 by e-mail at dcorrell@lowercolumbia.edu. Class meets face-to-face one evening, Thursday, May 29, 2014.

## 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 Work Based Learning Manager, Dani Trimble, at 360.442.2622 or email dtrimble@lowercolumbia.edu

### ICP 299 INDEPENDENT STUDY

4945 A 1-10 ARR ARR STAFF

## Learning Commons

Learning Commons Self-Paced Learning modules are independent study courses the student completes with assistance from instructional aides and tutors.

Students must attend an orientation on one of the first two days of the quarter, April 7 and 8. Orientations will be held at 9 and 11 a.m. and 1 p.m. in the Learning Commons, located on the ground floor of the Library.

### COLL 093 TEST TAKING

2940 SP 1 ARR ARR LIB PERSONS C  
Lab Fee: \$10.30

### COLL 096 TEXTBOOK READING

2965 SP 1 ARR ARR LIB PERSONS C

### ENGL 072 SENTENCE/PARAGRAPH

3435 SP 1-2 ARR ARR LIB PERSONS C

### ENGL 073 THE COLLEGE ESSAY

3440 SP 1-2 ARR ARR LIB PERSONS C

### ENGL 090 SPELLING IMPROVEMENT

3445 SP 1 ARR ARR LIB PERSONS C

### ENGL 095 VOCABULARY BUILDING

3450 SP 1 ARR ARR LIB PERSONS C

### ENGL 099 SP LEARN LAB PRACTICUM

3535 SP 1-3 ARR ARR LIB PERSONS C

### LIBR 204 INFORMATION LITERACY 3

▼ 5110 SP 1-2 ARR ARR LIB PERSONS C

### SPAN 097 SPANISH PRESENT TENSE VERBS

6765 SP 2 ARR ARR LIB PERSONS C

### SPAN 098 SPANISH NOUNS AND MODIFIERS

6770 SP 1 ARR ARR LIB PERSONS C

## Library

Sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.

### LIBR 094 INFORMATION LITERACY 1

▼ 5100 DE 2 ARR ARR Online class. PERSONS C

### LIBR 104 INFORMATION LITERACY 2

▼ 5105 DE 2 ARR ARR Online class. PERSONS C

### LIBR 204 INFORMATION LITERACY 3

▼ 5110 SP 1-2 ARR ARR LIB PERSONS C

## Machine Trades

There is a fee of \$10.90 per student per quarter for all MASP classes.

### MASP 107 MACHINING FOR RELATED OCCUPATIONS

5125 A 1-6 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

### MASP 111 MACHINE SHOP I

5135 A 1-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

### MASP 112 MACHINE SHOP II

5155 A 1-10 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

5165 A 1-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K  
Prerequisite: 10 credits of MASP 112.

### MASP 114 MACHINE SHOP IV

5175 A 1-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K  
Prerequisite: 10 credits of MASP 113.

### MASP 204 CNC MACHINING CENTER FUNDAMENTALS

5185 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 FUNDAMENTALS**

5190 MK 3 ARR ARR  
 Please contact the instructor at 360-442-2745 or ktodd@lcc.ctc.edu for more information.

**MASP 221 CNC MILLING**

5195 A 1-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K  
 Prerequisite: MASP 204.

**MASP 222 CNC TURNING**

5205 A 1-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K  
 Prerequisite: MASP 205

**MASP 223 ADVANCED CNC PROCESSES**

5215 A 1-6 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**

5130 N 2 W 6:00p.m.-9:00p.m. VOC 114 WAGNER J

**MASP 111 MACHINE SHOP I**

5150 N 2 W 6:00p.m.-9:00p.m. VOC 114 WAGNER J

**MASP 112 MACHINE SHOP II**

5160 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**

5170 N 2 W 6:00p.m.-9:00p.m. VOC 114 WAGNER J

Prerequisite: 10 credits of MASP 112.

**MASP 114 MACHINE SHOP IV**

5180 N 2 W 6:00p.m.-9:00p.m. VOC 114 WAGNER J

Prerequisite: 10 credits of MASP 113.

**MASP 221 CNC MILLING**

5200 N 2 W 6:00p.m.-9:00p.m. VOC 114 WAGNER J

Prerequisite: MASP 204.

**MASP 222 CNC TURNING**

5210 N 2 W 6:00p.m.-9:00p.m. VOC 114 WAGNER J

Prerequisite: MASP 205

**MASP 223 ADVANCED CNC PROCESSES**

5220 N 2 W 6:00p.m.-9:00p.m. VOC 114 WAGNER J

Prerequisite: MASP 221 or MASP 222.

**Manufacturing****MFG 120 QUALITY ASSURANCE**

5745 A 4 TTh 3:30p.m.-5:10p.m. VOC 112 JOINER T

**MFG 230 COMPUTER INTEGRATED MANUFACTURING**

5755 A 4 TTh 1:00p.m.-3:30p.m. VOC 113 TODD K

Computer lab fee will be charged.

**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, and 098/099 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**

5260 A 1 DAILY 10:00a.m.-10:50a.m. RCA 220 TREVINO A  
 Start Date: 04/07/14 End Date: 05/02/14

**MATH 078 PRE-COLLEGE MATH I**

5261 A 3 DAILY 10:00a.m.-10:50a.m. RCA 220 TREVINO A  
 Start Date: 05/05/14 End Date: 06/13/14

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

5265 and 5266 B	DAILY	8:00a.m.-8:50a.m.	MAN 235	WOODWORTH J
5270 and 5271 C	DAILY	9:00a.m.-9:50a.m.	DTV 214	WOODWORTH J
5275 and 5276 D	DAILY	9:00a.m.-9:50a.m.	DTV 215	TREVINO A
5280 and 5281 E	DAILY	10:00a.m.-10:50a.m.	AAR 102	BYKER B
5285 and 5286 F	DAILY	10:00a.m.-10:50a.m.	DTV 214	BECK L
5290 and 5291 G	DAILY	11:10a.m.-12:00p.m.	AAR 102	TREVINO A

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

5340 and 5341 H	DAILY	9:00a.m.-9:50a.m.	AAR 102	BECK L
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**MATH 088/089 PRE-COLLEGE MATH II — 5 Credits**

5370 and 5371 I	DAILY	8:00a.m.-8:50a.m.	MAN 146	SKEIE T
5375 and 5376 J	DAILY	9:00a.m.-9:50a.m.	AAR 106	SKEIE T
5380 and 5381 K	DAILY	10:00a.m.-10:50a.m.	AAR 106	MORRISON D
5385 and 5386 L	DAILY	11:10a.m.-12:00p.m.	AAR 106	SKEIE M
5395 and 5396 O	MWF	1:20p.m.-2:45p.m.	MAN 146	RHODE C

5360 and 5361 DE DAILY ARR BENJAMIN B

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

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

5455 and 5456 R	DAILY	10:00a.m.-10:50a.m.	MAN 125	SKEIE M
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## Course # Course Name

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

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

5480 and 5481 S	DAILY	8:00a.m.-8:50a.m.	AAR 102	STETZER J
5485 and 5486 T	MWF	9:00a.m.-10:25a.m.	VOC 112	SWEE R
5490 and 5491 U	MWF	1:20p.m.-2:45p.m.	AAR 102	WALTHER B
5495 and 5496 V	MWF	11:10a.m.-12:35p.m.	PSC 102	MORRISON D
5500 and 5501 X	MWF	1:20p.m.-2:45p.m.	VOC 116	GARDNER A

5460 and 5461 DE DAILY ARR MARTIN P

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

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

5295 and 5296 N	MTWTh	5:15p.m.-6:15p.m.	AAR 106	BECK L
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**MATH 088/089 PRE-COLLEGE MATH II — 5 Credits**

5390 and 5391 N	TTh	5:15p.m.-7:20p.m.	MAN 119	OLASON T
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**MATH 098/099 PRE-COLLEGE MATH III — 5 Credits**

5465 and 5466 N	TTh	5:15p.m.-7:20p.m.	MAN 145	STETZER J
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**College-Level Math****MATH 105 MATH FOR HEALTH SCIENCES**

5550 A	5	MWF	1:20p.m.-2:45p.m.	MAN 145
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SKEIE M

**MATH 106 INDUSTRIAL MATH**

5555 A	5	DAILY	11:10a.m.-12:00p.m.	DTV 214
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BYKER B

**MATH & 107 MATH IN SOCIETY**

5655 A	5	MWF	9:00a.m.-10:25a.m.	AAR 104
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LUCAS J

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

5580 B	5	TTh	1:20p.m.-3:20p.m.	MAN 234
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RHODE C

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

▼ 5660 DE 5 ARR ARR

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

Online class.

BENJAMIN B

**MATH & 141 PRECALCULUS I**

5565 A	5	MWF	9:00a.m.-10:25a.m.	MAN 146
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RHODE C

Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

5570 B	5	MWF	11:10a.m.-12:35p.m.	VOC 112
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SWEE R

Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

**MATH & 142 PRECALCULUS II**

5590 A	5	MWF	11:10a.m.-12:35p.m.	MAN 233
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LUCAS J

**MATH & 148 BUSINESS CALCULUS**

NS

5670 A	5	MWF	1:20p.m.-2:45p.m.	MAN 125
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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 & 152 CALCULUS II**

NS

5675 A	5	DAILY	11:10a.m.-12:00p.m.	MAN 235
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DRAUS D

Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

**MATH & 153 CALCULUS III**

5680 A	5	DAILY	8:00a.m.-8:50a.m.	MAN 234	BENJAMIN B
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NS

**MATH 210 ELEMENTS OF STATISTICS**

5600 B	5	DAILY	8:00a.m.-8:50a.m.	VOC 112	SWEET R
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LUCAS J

Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

Online class.

▼ 5595 IS 5 MTWTh 1:20p.m.-3:20p.m. MAN 119 DRAUS D

Integrated Studies: "What Is Normal? Society By The Numbers." Students must also enroll in SOC&amp; 101 IS, item 6735, for total of 10 credits.

**MATH 211 STATISTICAL PROJECTS**

5620 A	3	T	12:00p.m.-2:30p.m.	MAN 125	LUCAS J
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NS

**MATH 220 LINEAR ALGEBRA**

5625 A	5	DAILY	12:10p.m.-1:00p.m.	MAN 235	DRAUS D
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DRAUS D

Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

**EVENING CLASSES****MATH & 132 MATH FOR ELEMENTARY EDUCATION 2**

5665 N	5	MW	6:00p.m.-8:30p.m.	VOC 111	GRIBSKOV D
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NS

**MATH 210 ELEMENTS OF STATISTICS**

5575 N	5	TTh	5:15p.m.-7:20p.m.	MAN 146	RHODE C
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C

Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

**Math Achievement Center**

The Math Achievement Center, Main 127, is open Monday and Tuesday, 9 a.m.-6 p.m., and Wednesday and Thursday, 9 a.m.-2 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 [helpdesk@lowercolumbia.mylabsplus.com](mailto:helpdesk@lowercolumbia.mylabsplus.com)

**MATH 050 REVIEW MATH-WHOLE NUMBER**

5250 P	1	DAILY	ARR	MAN 127	STAFF
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NS

**MATH 078 PRE-COLLEGE MATH I**

5300 P	3	DAILY	ARR	MAN 127	STAFF
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NS

**MATH 079 PRE-COLLEGE MATH I**

5350 P	2	DAILY	ARR	MAN 127	STAFF
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NS

**MATH 088 PRE-COLLEGE MATH II**

5400 P	3	DAILY	ARR	MAN 127	STAFF
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NS

**MATH 089 PRE-COLLEGE MATH II**

5445 P	2	DAILY	ARR	MAN 127	STAFF
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NS

**MATH 098 PRE-COLLEGE MATH III**

5470 P	3	DAILY	ARR	MAN 127	STAFF
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NS

**MATH 099 PRE-COLLEGE MATH III**

5515 P	2	DAILY	ARR	MAN 127	STAFF
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NS

Course # Course Name

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

## Medical Assisting

### MEDA 101 MEDICAL VOCABULARY I

▼ 5690 A 3 MW 1:30p.m.-2:45p.m. AAR 126 ENGEL E

### MEDA 102 MEDICAL VOCABULARY II

▼ 5695 A 3 MW 3:15p.m.-4:30p.m. AAR 126 ENGEL E  
Prerequisites: MEDA 101 or equivalent, or instructor permission.

### MEDA 120 SURVEY OF ANATOMY AND PHYSIOLOGY

▼ 5700 A 5 TW 9:30a.m.-11:30a.m. AAR 126 MAHON C  
Class will meet in the Heritage Room, Administration Building, April 8-9.  
Beginning April 15, class will meet in AAR 126.

### MEDA 145 MEDICAL LAB TECHNIQUES

▼ 5705 A 6 TTh 8:00a.m.-9:40a.m. SCI 108 SOLADEY V  
Students must also enroll for one of the lab sections, MEDA 145 LA or LB.  
Lab Fee: \$30.00

### MEDA 145 MEDICAL LAB TECHNIQUES—LAB

5710 LA 0 TTh 10:00a.m.-11:40a.m. SCI 108 SOLADEY V  
5715 LB 0 TTh 12:10p.m.-1:50p.m. SCI 108 SOLADEY V

### MEDA 165 MEDICATIONS IN MEDICAL ASSISTING & DISEASES

▼ 5720 A 5 MW 8:00a.m.-9:15a.m. SCI 108 SOLADEY V  
Students must also enroll for one of the lab sections, MEDA 165 LA or LB.  
Lab Fee: \$39.10

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

5725 LA 0 MW 9:45a.m.-11:25a.m. SCI 108 SOLADEY V  
5730 LB 0 MW 12:00p.m.-1:40p.m. SCI 108 SOLADEY V

## Worried About College Math?

## MATH BOOT CAMP

### Registration Required

2-hour sessions, your choice of day:

- March 5, 6-8 p.m.
- March 10, 6-8 p.m.
- March 12, 6-8 p.m.

Contact the  
testing office to  
schedule your  
math boot camp

3 day, 3-hour session:

- March 24-26, 9 a.m.-12 p.m.

- Review important basic math concepts
- Learn study skills and strategies for test taking
- Practice using LCC's online math lab

Boot Camps are designed and led by an LCC math instructor who will help you achieve your math goals.



**360.442.2353**

## Music

### MUSC 100 FUNDAMENTALS OF MUSIC

5760 A 5 TTh 1:00p.m.-3:00p.m. RCA 220

H  
DAVIS R

### MUSC 103 THEORY & MUSICIANSHP

5765 A 5 MWF 10:00a.m.-11:25a.m. RCA 218

H  
DAVIS R

### MUSC& 105 MUSIC APPRECIATION:DIV

5945 A 5 MWF 11:10a.m.-12:35p.m. RCA 220

D,H  
CHALLEED G

### MUSC 108 GROUP PIANO INSTRUCTION

5770 A 2 MW 1:20p.m.-2:35p.m. RCA 221

5775 B 2 TTh 11:00a.m.-12:15p.m. RCA 221

HARBAUGH K  
DAVIS R

### MUSC 113 EAR TRAINING III

5780 L 1 MW 11:25a.m.-11:50a.m. RCA 218

DAVIS R

### MUSC 117 MUSIC CULTURES OF THE WORLD:DIV

▼ 5785 DE 5 ARR ARR

D,H  
NORWOOD K

Online class.

### MUSC 121 BEGINNING GUITAR

5790 A 2 MW 12:10p.m.-1:00p.m. RCA 102

HARBAUGH K

### MUSC 126 APPLIED MUSIC I

1 credit AAR AAR

DAVIS R

5795 A Piano 5815 E Percussion

5800 B Brass 5820 F String

5805 C Guitar 5825 G Voice

5810 D Organ

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 139 MUSICAL THEATRE HISTORY

5835 A 3 MW 8:30a.m.-9:50a.m. RCA 218

CHALLEED G

### MUSC 140 CHOIR

5840 A 2 MWF 1:10p.m.-2:00p.m. RCA 102

H,P  
CHALLEED G

Lab Fee: \$6.90

### MUSC 144 SHOW CHOIR

5845 A 2 MWF 2:10p.m.-3:00p.m. RCA 102

H,P  
CHALLEED G

Lab Fee: \$6.90

### MUSC 145 BEGINNING VOICE

5850 A 2 MW 10:10a.m.-11:00a.m. RCA 102

H  
CHALLEED G

Lab Fee: \$6.90

### MUSC 208 GROUP PIANO INSTRUCTION

5865 A 2 MW 1:20p.m.-2:35p.m. RCA 221

HARBAUGH K

5870 B 2 TTh 11:00a.m.-12:15p.m. RCA 221

DAVIS R

### MUSC 222 OPERA WORKSHOP

5880 A 2 MWF 4:10p.m.-5:00p.m. RCA 102

CHALLEED G

### MUSC 226 APPLIED MUSIC II

1 credit AAR AAR

DAVIS R

5885 A Piano 5905 E Percussion

5890 B Brass 5910 F String

5895 C Guitar 5915 G Voice

5900 D Organ 5920 H Woodwind

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

MATH – MUSC

**EVENING CLASSES****MUSC 130 JAZZ ENSEMBLE**

5830 N 2 M 7:00p.m.-9:00p.m.  
Lab Fee: \$6.90

RCA 102

**H,P**  
VALDEZ D

**MUSC 150 SYMPHONIC BAND**

5855 N 2 Th 7:00p.m.-9:00p.m.  
Instructor permission required to enroll.  
Lab Fee: \$6.90

RCA 102

**H,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 [www.lowercolumbia.edu/programs](http://www.lowercolumbia.edu/programs). Students who have been admitted to the nursing program should contact their advisor for course and registration information.

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

**EVENING CLASSES****NURS 090 NURSING ASSISTANT**

▼ 5960 N 8 ARR ARR AAR 129  
Please call Bev Ylen at 360.442.2860 for enrollment information.  
Lab Fee: \$32.65

GROH A

▼ 5961 NA 8 ARR 4:30p.m.-9:30p.m. AAR 129  
Instructor permission required to enroll.

LANDON C

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

▼ 6150 A 5 Th 9:00a.m.-11:00a.m. VOC 116  
Hybrid class; partly online.

ROSS E

▼ 6155 B 5 M 12:00p.m.-2:00p.m. VOC 111  
Hybrid class; partly online.

ROSS E

▼ 6160 DE1 5 ARR ARR PECORE J  
Online class.

▼ 6165 DE2 5 ARR ARR SPONSELLER B  
Online class.

**Oceanography****OCEA& 101 INTRODUCTION OCEANOGRAPHY W/LAB**

6170 A 5 MWF 9:00a.m.-9:50a.m. SCI 107  
TTh 9:00a.m.-10:50a.m. SCI 107

**NSL**  
CORDERO D

Lab included. Lab Fee: \$10.30

**Nursing**

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**Philosophy****PHIL& 101 INTRODUCTION TO PHILOSOPHY**

6485 A 5 MWF 9:00a.m.-10:25a.m. MAN 235

**H**  
SHAW D

**Physical Education**

A \$6.90 fee is charged for each Physical Education class.

**PHED 104 BEGINNING PILATES & STRETCH**

6350 A 1 TTh 10:00a.m.-10:50a.m. RCA 139  
6355 B 1 TTh 8:00a.m.-8:50a.m. RCA 139

DAVIS T  
SKERBECK C

**PHED 105 BEGINNING PILATES & YOGA**

6360 A 1 TTh 1:00p.m.-1:50p.m. RCA 139

ROSS E

**PHED 120 CROSS TRAINING**

6365 A 2 MTWTh 11:00a.m.-11:50a.m. STC

DAVIS T

**PHED 121 BEGINNING FOIL FENCING**

6370 A 1 F 1:30p.m.-3:10p.m. MAN 119

SWEER

**PHED 122 INTERMEDIATE FOIL FENCING**

6375 A 1 F 1:30p.m.-3:10p.m. MAN 119

SWEER

**PHED 125 BOOT CAMP**

6395 A 1 MW 10:00a.m.-10:50a.m. RCA 139  
6460 B 1 TTh 2:00p.m.-2:50p.m. RCA 139

ROSS E  
SANCHEZ

**PHED 127 ZUMBA I**

6380 A 1.5 MWF 12:10p.m.-1:00p.m. RCA 139

DAVIS T

**PHED 128 WEIGHT TRAINING**

▼ 6390 B 1-2 TTh 3:00p.m.-3:50p.m. STC  
Hybrid class; partly online.

SANCHEZ

**PHED 139 TRAIN FOR A RACE**

6377 A 1-2 MWF 9:00a.m.-9:50a.m. RCA 139

ROSS E

**PHED 147 APPLIED FASTPITCH-WOMEN**

6400 A 2 W 2:00p.m.-2:50p.m. VOC 116  
MTh ARR OC

FULLER T

**PHED 152 PERSONALIZED FITNESS**

▼ 6405 A 1-2 W 11:00a.m.-11:50a.m. RCA 139

ROSS E

Students must meet with instructor at 7 am, 8 am, or 9 a.m. for an orientation during the first week of class in the Student Center.  
Hybrid class; partly online.

▼ 6410 DE 1-2 ARR ARR  
Students must log into canvas for class instructions and syllabus.  
Online class.

ROSS E

**PHED 162 APPLIED BASEBALL**

6415 A 2 DAILY 2:00p.m.-2:50p.m. TBA

SMITH E

**PHED 204 INTERMEDIATE PILATES & STRETCH**

6425 A 1 TTh 10:00a.m.-10:50a.m. RCA 139  
6430 B 1 TTh 8:00a.m.-8:50a.m. RCA 139

DAVIS T  
SKERBECK C

<b>PHED 205</b>	<b>INTERMEDIATE PILATES &amp; YOGA</b>				
6435 A	1	TTh	1:00p.m.-1:50p.m.	RCA 139	ROSS E
<b>PHED 220</b>	<b>CROSS TRAINING</b>				
6440 A	2	MTWTh	11:00a.m.-11:50a.m.	STC	DAVIS T
<b>PHED 227</b>	<b>ZUMBA II</b>				
6445 A	1.5	MWF	12:10p.m.-1:00p.m.	RCA 139	DAVIS T
<b>PHED 228</b>	<b>WEIGHT TRAINING</b>				
6455 B	1-2	TTh	3:00p.m.-3:50p.m.	STC	SANCHEZ
Hybrid class; partly online.					
<b>PHED 247</b>	<b>APPLIED FASTPITCH SOFTBALL-WOMEN</b>				
6465 A	2	W	2:00p.m.-2:50p.m.	VOC 116	FULLER T
		MTh	ARR	OC	
<b>PHED 252</b>	<b>PERSONALIZED FITNESS</b>				
6470 A	1-2	W	11:00a.m.-11:50a.m.	RCA 139	ROSS E
Students must meet with instructor at 7 am, 8 am, or 9 a.m. for an orientation during the first week of class in the Student Center.					
Hybrid class; partly online.					
6475 DE	1-2	ARR	ARR		ROSS E
Students must log into canvas for class instructions and syllabus.					
Online class.					

<b>PHED 262</b>	<b>APPLIED BASEBALL</b>				
6480 A	2	DAILY	2:00p.m.-2:50p.m.	TBA	SMITH E
<b>PHED 284</b>	<b>LIFEGUARD TRAINING</b>				
6483 A	2	TTh	11:45a.m.-1:15p.m.	DVT 202	DENNIS G

### EVENING CLASSES

<b>PHED 171</b>	<b>PREVENTION AND CARE OF ATHLETIC INJURIES</b>				
6420 N	3	M	6:00p.m.-9:15p.m.	AAR 124	EARNEST E

## Political Science

<b>POLS&amp; 202</b>	<b>AMERICAN GOVERNMENT</b>			<b>SS</b>
6555 DE	5	ARR	ARR	CASCADDAN D
Online class.				
6560 IS	5	MTWTh	9:00a.m.-12:30p.m.	MAN 119 BENSON D
Integrated Studies: "Race, Class, Sex and Gender." Students must also enroll in DRMA& 101 IS, item 3260, or DRMA 108 IS, item 3225, or DRMA 208 IS, item 3250, and SOC 210 IS, item 6725, for a total of 15 credits.				
<b>POLS 220</b>	<b>THE LAW &amp; SOCIAL ISSUES</b>			
3737 A	5	TTh	8:00a.m.-10:00a.m.	MAN 205 QUIRK A
Lab Fee: \$8.70				
<b>POLS 250</b>	<b>SEMINAR: POLITICAL SCIENCE:IS</b>			
6550 IS	5	MTWTh	9:00a.m.-12:30p.m.	MAN 119 BENSON D
Integrated Studies: "Race, Class, Sex and Gender." Students must also enroll in DRMA& 101 IS, item 3260, or DRMA 108 IS, item 3225, or DRMA 208 IS, item 3250, and SOC 210 IS, item 6725, for a total of 15 credits.				

## Process Manufacturing

### EVENING CLASSES

<b>PMFG 202</b>	<b>ELECTRIC MOTORS</b>			
6535 N	2	W	6:00p.m.-7:40p.m.	VOC 112 JOINER T
<b>PMFG 210</b>	<b>ADVANCED INDUSTRIAL MAINTENANCE</b>			
6540 N	5	TTh	6:00p.m.-8:10p.m.	VOC 112 JOINER T

## Psychology

<b>PSYC&amp; 100</b>	<b>GENERAL PSYCHOLOGY</b>			<b>SS</b>
6575 A	5	MW	9:00a.m.-11:00a.m.	MAN 205 HAYES B
6580 B	5	TTh	9:00a.m.-11:00a.m.	PSC 104 HAYES B
6585 C	5	TTh	3:10p.m.-5:10p.m.	MAN 235 STAFF
6590 DE	5	ARR	ARR	TUCKER J
Online class.				
6595 E	5	TTh	1:20p.m.-3:20p.m.	MAN 233 STAFF
6600 F	5	TTh	2:10p.m.-4:10p.m.	LIB 130 GATES K
<b>PSYC&amp; 200</b>	<b>LIFESPAN PSYCHOLOGY</b>			<b>SS</b>
6610 A	5	MW	1:20p.m.-3:20p.m.	MAN 233 STAFF
6615 DE	5	ARR	ARR	WORLEY M
Online class.				
6620 DE1	5	ARR	ARR	WORLEY M
Online class.				

### EVENING CLASSES

<b>PSYC&amp; 100</b>	<b>GENERAL PSYCHOLOGY</b>			<b>SS</b>
6605 N	5	T	5:15p.m.-7:30p.m.	MAN 125 TUCKER J
Hybrid class; partly online.				
<b>PSYC&amp; 220</b>	<b>ABNORMAL PSYCHOLOGY</b>			<b>SS</b>
6625 N	5	M	5:30p.m.-10:00p.m.	MAN 234 WEAVER N

<b>PHYS&amp; 100</b>	<b>PHYSICS: NON-SCIENCE MAJOR</b>			<b>NSL</b>
6490 A	5	MWF	1:20p.m.-2:35p.m.	SCI 102
		TTh	11:10a.m.-12:50p.m.	SCI 102
Lab included. Lab Fee: \$21.70				
<b>PHYS&amp; 116</b>	<b>GENERAL PHYSICS III</b>			<b>NSL</b>
6495 A	5	MWThF	8:00a.m.-8:50a.m.	SCI 102
Students must also enroll in one of the lab sections, PHYS 103 LA, LB, or LC.				
Lab Fee: \$21.70				
<b>PHYS&amp; 116</b>	<b>GENERAL PHYSICS III—LAB</b>			
6500 LA	0	T	9:00a.m.-10:40a.m.	SCI 102
6505 LB	0	T	11:00a.m.-12:40p.m.	SCI 102
6510 LC	0	ARR	ARR	SCI 102
LIVINS P				
<b>PHYS&amp; 223</b>	<b>ENGINEERING PHYSICS III</b>			<b>NSL</b>
6515 A	5	MWThF	10:00a.m.-10:50a.m.	SCI 102
Students must also enroll in one of the lab sections, PHYS 253 LA, LB, or LC.				
Lab Fee: \$21.70				
<b>PHYS&amp; 223</b>	<b>ENGINEERING PHYSICS III—LAB</b>			
6520 LA	0	T	1:00p.m.-2:40p.m.	SCI 102
6525 LB	0	Th	1:00p.m.-2:40p.m.	SCI 102
6530 LC	0	ARR	ARR	SCI 102
LIVINS P				

## Sociology

<b>SOC &amp; 101 INTRODUCTION TO SOCIOLOGY:DIV</b>					
6730 A	5	MW	9:00a.m.-11:00a.m.	MAN 234	D,SS WEAVER N
6740 C	5	TTH	9:00a.m.-11:00a.m.	MAN 234	WEAVER N
6745 DE	5	ARR	ARR		TATE J
Online class.					
▽ 6750 DE1	5	ARR	ARR		TATE J
Online class.					
6735 IS	5	MTWTh	1:20p.m.-3:20p.m.	PSC 104	SUEK J
Integrated Studies: "What Is Normal? Society By The Numbers." Students must also enroll in Math 210 IS, item 5595, or BUS 206 IS, item 2090, for total of 10 credits.					
▽ 6760 N	5	MW	6:15p.m.-8:15p.m.	MAN 233	CROMWELL L
<b>SOC 210 HUMAN SEXUALITY:IS</b>					
▽ 6725 IS	5	MTWTh	9:00a.m.-12:30p.m.	MAN 119	STRAYER M
Integrated Studies: "Race, Class, Sex and Gender." Students must also enroll in DRMA& 101 IS, item 3260, or DRMA 108 IS, item 3225, or DRMA 208 IS, item 3250 and POLS& 202 IS, item 6560, or POLS 250 IS, item 6550, for a total of 15 credits.					
<b>SOC 225 RACE AND ETHNICITY:DIV</b>					
1525 A	5	TTh	9:00a.m.-11:00a.m.	MAN 235	D,SS SHAW D

### EVENING CLASSES

<b>SOC &amp; 101 INTRODUCTION TO SOCIOLOGY:DIV</b>					
▽ 6760 N	5	MW	6:15p.m.-8:15p.m.	MAN 233	CROMWELL L

## Spanish

All DE sections are online, using Maestro and email communication with the instructor. A Distance Education fee will be charged.					
After registering, students must contact Alex Emerson at aemerson@lowercolumbia.edu.					
The sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.					
All sections of SPAN& 121, 122 and 123 satisfy the Diversity requirement.					

<b>SPAN 097 SPANISH PRESENT TENSE VERBS</b>					
6765 SP	2	ARR	ARR	LIB	PERSONS C
<b>SPAN 098 SPANISH NOUNS AND MODIFIERS</b>					
6770 SP	1	ARR	ARR	LIB	PERSONS C
<b>SPAN&amp; 121 SPANISH I:DIV</b>					
6775 A	5	DAILY	8:00a.m.-8:50a.m.	MAN 125	D EMERSON A
6780 B	5	DAILY	9:00a.m.-9:50a.m.	MAN 125	EMERSON A
6785 DE	5	ARR	ARR		EMERSON A
<b>SPAN&amp; 122 SPANISH II:DIV</b>					
6790 A	5	MWF	11:10a.m.-12:35p.m.	MAN 147	D EMERSON A
6795 DE	5	ARR	ARR		EMERSON A
<b>SPAN&amp; 123 SPANISH III:DIV</b>					
6800 A	5	MWF	11:10a.m.-12:35p.m.	MAN 125	D QUIRKA
6805 DE	5	ARR	ARR		EMERSON A
<b>SPAN&amp; 221 SPANISH IV</b>					
6810 DE	5	ARR	ARR		EMERSON A

## SPAN& 222 SPANISH V

6815 DE 5 ARR ARR

EMERSON A

## SPAN& 223 SPANISH VI

6820 DE 5 ARR ARR

EMERSON A

## Speech

### SPCH 104 INTERPERSONAL COMMUNICATION

6825 A 5 TTh 10:00a.m.-12:00p.m. MAN 145 H NEILL S

### SPCH 110 INTRODUCTION TO PUBLIC SPEAKING

6830 A 5 TTh 9:00a.m.-11:00a.m. AAR 104 H MOORE LD

### ▽ SPCH 110 INTRODUCTION TO PUBLIC SPEAKING

6840 DE 5 ARR ARR H 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.

6845 E 5 MW 11:10a.m.-1:10p.m. MAN 203 H NEILL S

### ▽ SPCH 110 INTRODUCTION TO PUBLIC SPEAKING

6850 F 5 M 3:30p.m.-5:30p.m. MAN 235 H PELLHAM P

Hybrid class; partly online.

6855 G 5 MW 1:20p.m.-3:20p.m. MAN 203 H NEILL S

6835 IS1 5 MTWTh 9:00a.m.-11:10a.m. MAN 233 H SCHABOT D

Integrated Studies: Finding Your Voice: Advocacy and Identity in American Literature. Students must also register for ENGL 244 IS1, item 3657, for a total of 10 credits.

### SPCH 114 SMALL GROUP COMMUNICATION

6865 A 5 MW 3:30p.m.-5:30p.m. MAN 233 H SCHULTZ L

### SPCH 128 COMPETITIVE PUBLIC SPEAKING

6875 A 2 MW 3:30p.m.-5:30p.m. RCA 141 H SCHABOT D

### SPCH 138 INTERCOLLEGIATE DEBATE

6880 A 2 MW 3:30p.m.-5:30p.m. RCA 141 H SCHABOT D

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

6885 A 5 TTh 1:20p.m.-3:20p.m. MAN 147 H SCHABOT D

Satisfies the Diversity requirement.

### SPCH 228 COMPETITIVE PUBLIC SPEAKING

6890 A 2 MW 3:30p.m.-5:30p.m. RCA 141 H SCHABOT D

### SPCH 238 INTERCOLLEGIATE DEBATE

6895 A 2 MW 3:30p.m.-5:30p.m. RCA 141 H SCHABOT D

### EVENING CLASSES

### SPCH 110 INTRODUCTION TO PUBLIC SPEAKING

▽ 6860 N 5 W 6:00p.m.-8:00p.m. RCA 220 H MOORE LD

Hybrid class; partly online.

### SPCH 114 SMALL GROUP COMMUNICATION

▽ 6862 N 5 M 6:00p.m.-8:15p.m. RCA 220 H PELLHAM P

Hybrid class; partly online.

## Technology

### TECH 100 ADVANCED PRINCIPLE/TECHNOLOGY

6920 A 5 TTh 1:20p.m.-3:50p.m. VOC 115 H GERICK J

# Welding Technology

A \$10.90 per-credit fee to a maximum of \$109 is charged for each welding class.

## WELD 105 RELATED WELDING I

7035 A 6 DAILY	8:00a.m.-11:00a.m.	VOC 161	EVALD A
Only welding majors may enroll for this class.			
7040 B 1-6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD A
7045 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD A

## WELD 151 INTRODUCTION TO OXY ACETYLENE

7065 A 6 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.			
7070 B 1-6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7075 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

## WELD 152 INTRODUCTION TO ARC WELDING

7100 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.			
7105 B 1-8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7110 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

## WELD 221 WIRE MACHINE

7130 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7135 B 1-6 MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7140 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

## WELD 222 ADVANCED WIRE MACHINE

7160 A 6 MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7165 B 1-6 MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7170 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

## WELD 254 ARC WELDING

7190 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.			
7195 B 1-8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7200 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

## WELD 255 ADVANCED WELDING PROCESSES

7220 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.			
7225 B 1-8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7230 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD/BYRUM

## WELD 256 ADVANCED WELDING APPLICATION

7250 A 10 DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.			
7255 B 1-8 MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7260 C 1-6 MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

## WELD 299 INDEPENDENT STUDY

7290 A 1-10 ARR	ARR	VOC 161	WELD FACULTY
Instructor permission required to enroll.			

## EVENING CLASSES

### WELD 105 RELATED WELDING I

7050 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7055 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7060 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 151 INTRODUCTION TO OXY ACETYLENE

7080 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7085 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7090 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 152 INTRODUCTION TO ARC WELDING

7115 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7120 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7125 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 221 WIRE MACHINE

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

7145 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7150 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7155 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)

7175 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7180 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7185 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 254 ADVANCED WELDING

7205 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7210 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7215 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 255 ADVANCED WELDING PROCESSES

7235 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7240 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7245 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

### WELD 256 ADVANCED WELDING APPLICATION

7265 NA 2 Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7270 NB 2 T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7275 NC 2 W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

W  
E  
L  
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## 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.
	1:30 p.m.-2:20 p.m.
	2:30 p.m.-3:20 p.m.
Mon-Thurs	5:30 p.m.-9:10 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.-9:00 p.m.

#### Goodwill (15th Avenue)

Tues-Thurs 1:00 p.m.-2:55 p.m.

Mon & Fri 12:30 p.m.-2:50 p.m. (GED in Spanish)

### 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.-9:20 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, 21 years or older, 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. Contact Sara Rinearson for information at 360.442.2585 or email [sinearson@lowercolumbia.edu](mailto:sinearson@lowercolumbia.edu).

Meghan Griffith  
and Randy Bailey

## 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, St. Rose 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.

#### St. Rose School (720 26th Avenue)

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

### Woodland ESL Classes

#### Woodland Middle School

Mon & Wed 6:00-9:20 p.m.

### Low Cost Adult High School Diploma

continued from page 3

Both LCC instructors and students have high praise for the new program. For some students, who had struggled to pass the GED test after extended time in basic skills courses, HS21+ offers a better alternative to demonstrate knowledge. Others are motivated to finally pursue their diploma because HS21+ provides a lot of personal support from instructors and fellow students, which is important to adults returning to school after an extended absence.

Students can enter this program at any time; they don't need to wait until the beginning of a new quarter. Those with low incomes may even be eligible for a waiver of the \$25 per quarter fee.

According to the 2009-2011 American Community Survey estimates, almost 31% of Cowlitz County adults (age 25 and older) without a high school degree live in poverty. Living in poverty also increases the risk of poor health for both adults and children.

For those who have graduated from high school the rate of poverty is cut in half and continues to drop with additional education at the college level. Their progress improves the quality of life for their own families and for our community as a whole.

That makes the HS21+ a PLUS for all of us.

To get started, contact the Transitional Studies Department at 360.442.2580.

# CORPORATE & CONTINUING EDUCATION

Corporate & Continuing Education at Lower Columbia College assists individuals and business/industry to meet their personal, professional and corporate 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 Corporate & 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.

### Kepner Tregoe Project Management-NEW

Organizations achieve results and profit through projects. While each project may be different, project teams need a shared process to produce the desired project results. KT Project Management supports project management as a team effort. Project managers and team members can better define and plan projects while anticipating and responding to issues during the implementation process. Through the KT Project Management training, teams will learn to tap into the know-how of individuals, develop consensus, gain commitment, and resolve conflicts. Everyone works on the same wavelength, using a common approach and language.

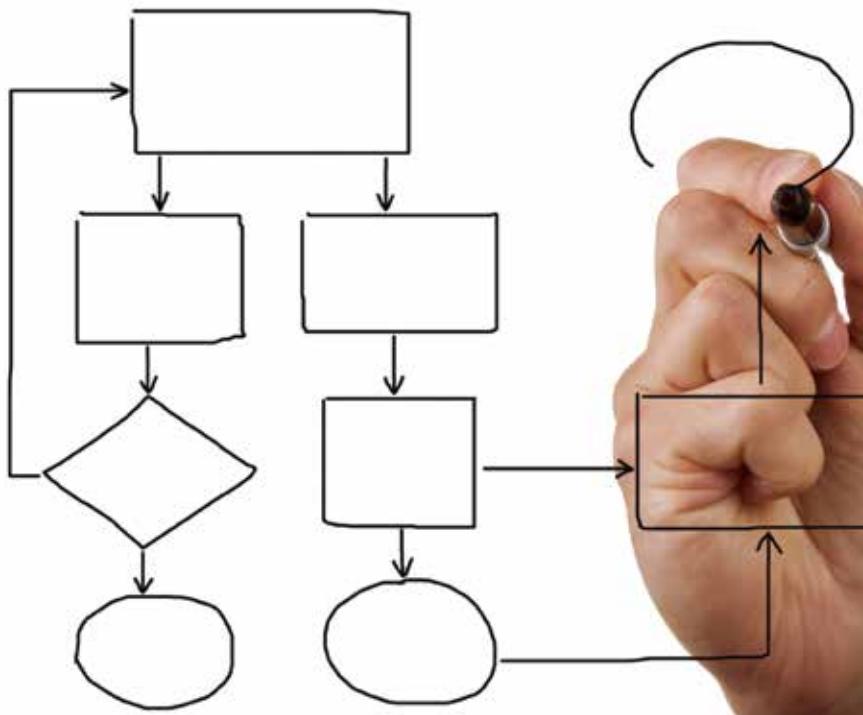
The KT Project Management process consists of four distinct processes, each addressing a specific aspect of project management.

- **Definition**, used to appraise the need for the project and clarify timing, cost, and performance parameters. It also identifies specific results and the value that the project should produce.
- **Planning** is used to determine who will do what and when. Planning combines the technical sequencing and scheduling of deliverables.
- **Implementation**, addresses the controlled and effective use of resources to achieve project results. It includes overcoming the common pitfalls that happen in many projects and monitoring and responding to project issues.
- **Project Management Communication** is woven throughout definition, planning and implementation. It includes leadership skills for managing human performance and addressing stakeholder involvement and satisfaction.

Training dates: Tuesday, June 24–Thursday, June 26 from 8 a.m.-5 p.m. in the Don Tally Building, Room 201. \$675.

For more information or to register please contact Leeann Curry, 360.442.2840 or [lcurry@lowercolumbia.edu](mailto:lcurry@lowercolumbia.edu). You can also register online at [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce).

Please note the deadline to register is Tuesday, June 3. Clock hours for educator are available for this training.



## 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:

- Call 360.442.2840 or 360.442.2841 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 46 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:

If you decide not to take a class you've enrolled in, we must receive notice three business days prior to the course date in order for you to receive a refund. Refunds will automatically be issued in the event of course cancellation.

### 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.gaitlinedducation.com/lccbic](http://www.gaitlinedducation.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!

## 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.gaitlinedducation.com/lccbic](http://www.gaitlinedducation.com/lccbic) for a full course listing.

### Certified Bookkeeper-ONLINE

The Certified Bookkeeper Online Training Program for experienced bookkeepers leads to national certification with the American Institute of Professional Bookkeepers (AIPB). The AIPB certification is a high professional standard for bookkeepers. Course information includes but is not limited to, describe the benefits, eligibility requirements, code of ethics and maintenance requirements for a Certified Bookkeeper, apply concepts of accrual accounting to transactions that span fiscal periods, trace the effect of accrual and deferral transactions to financial statements, apply accounting concepts and basics tools of financial analysis in identifying and correcting errors. Prepare payroll transactions, from paying wages to depositing and reporting taxes, and learn to help you company or client use basics internal controls to prevent theft, embezzlement, or check and credit card fraud. 140 hours \$1995

Register at [www.gaitlinedducation.com/lccbic](http://www.gaitlinedducation.com/lccbic)

### Event Management and Design-ONLINE

The Event Management and Design Online Training Program will equip you with the knowledge to advance in the field if you're already working in special events, or it will prepare you to enter the professions with an understanding of the industry. You'll build a foundation that you can use to build a career in special events or start your own event business. Course information includes but is not limited to, understanding the five stages of event management: research, design, planning, coordination, and evaluation, understand how to manage time effectively and human resources and volunteers, insight into hiring vendors, caterers and entertainment, learn to conduct event site inspection and understand budgeting, pricing, and accounting as they relate to event design. 300 hours \$1995

Register at [www.gaitlinedducation.com/lccbic](http://www.gaitlinedducation.com/lccbic)

### Workplace Spanish

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

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



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

## Computers & Technology

### Food Handler Testing

LCC provides food handler training and testing for the Cowlitz County Health Department. The process consists of a 30 minute informational video, followed by a multiple-choice test. Study booklets are available free of charge at the LCC Admissions center. Food handler cards are valid for 2 years in all counties of Washington State. Current WA state food handler card is required for renewal cards. Testing is available on a first come, first served basis. You must have photo ID with you at the time of the test. For additional information call 360.442.2353. For offsite testing, please call 360.442.2840.

### 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

### Continuing Education for Electricians

Lower Columbia College offers DOL approved electric courses taught by Wayne Wagner. Please contact Mary Harris at mharris@lowercolumbia.edu or 360.442.2602 for more information or a current schedule.

### 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, please 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. Mary Harris, Continuing Education Program Coordinator, 360.442.2602, mharris@lowercolumbia.edu

### How -To: Apple iPad-NEW

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. Clock hours for educators are available for this class. DTV 201 (Leeann Curry) \$19

#### Session One

CLCE 008 A 2345 M 4/21/14 5:30-6:30 p.m.

#### Session Two

CLCE 013 A 2365 F 4/25/14 10-11 a.m.

### Facebook for People over 40-NEW

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. Class meets every other Tuesday. AAR 110 (Mitchel Townsend) \$29

CLCE 013 B 2370 T 4/8, 4/22, 5/6, 5/20 5:30-7 p.m.

### Microsoft Excel

This course provides thorough introductory training of Excel 2010. This course is ideal for computer users who want to become well versed in Excel for personal use or for business application. Topics introduced include, but are not limited to, Ribbon interface, entering and editing data, selecting cells and ranges, printing worksheets, creating formulas and functions, formatting cell content and more. Basic computer skills are required to enroll in this course. AAR 105 (Randy Stalding)

#### Beginning Excel

CLCE 009 A 2350 MWF 4/14-4/18 \$59 5-7 p.m.

#### Intermediate Excel

CLCE 009 B 2355 MWF 4/28-5/2 \$59 5-7 p.m.

#### Advanced Excel

CLCE 009 C 2360 MWF 5/12-5/16 \$59 5-7 p.m.

*Sign up for an individual course or take all three for \$119! Save the cost of one class by taking all 3! Item #2375*



**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. VOC 113 (David Juneman) \$39

CLCE 001 A 2325 F 4/11-5/2 3:30-5:30 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 109C (David Juneman) \$39

CLCE 002 A 2330 F 5/9-5/30 3:30-5:30 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 109C (David Juneman) \$39

CLCE 003 A 2335 F 6/6-6/27 3:30-5:30 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 # 2340*

**Art & Culture****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 (Allan Evald and Brad Bender) \$99

CLCE 019 A 2385 M 4/7-6/2 6-8 p.m.

**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 020 A 2390 M 4/7-6/2 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 2400 TH 4/10-6/5 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 026 A 2410 M 4/7-6/2 7-8:40 p.m.

**Hawaiian Culture and Hula-NEW**

Hawaii is so much more than white sandy beaches, sun and volcanoes. In this course on Hawaiian culture you will learn the history behind Hawaiian music, food, language, government and of course, dance. Each class will focus on one of the 8 Hawaiian Islands. You will have an opportunity to learn a variety of Hawaiian Hula dances and see how they fit into Hawaiian legends. Be sure not to miss the last class, as we will be preparing and sharing traditional Hawaiian dishes, luau style! DTV 201 (Kate Denman) \$45

CLCE 026 A 2415 TH 4/17-6/5 4:30-6 p.m.

**Drawing Essentials from Studio to Outdoors**

The focus in this course is on the development and refinement of time-tested drawing basics. We will investigate and introduce techniques of light and shadow, perspective, proportion, visual measuring, and texture. Along with the studio basics we investigate in Drawing Essentials, the spring session will take advantage of extended daylight and favorable weather. We'll take opportunities to visit several outdoor locations, including spots around campus and the city. MAN 109 (Max Wade) \$75

CLCE 027 A 2420 M 4/7-6/9 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 027 B 2425 W 4/9-6/4 5-7 p.m.

## Public Speaking for Life Events

“Public speaking” isn’t only about standing in front of a large audience with sweaty palms, shaky voice and attempting to deliver a speech. It is often about speaking in front of family or friends-wedding, birthday, anniversary-or a eulogy for a loved one or family friend. Perhaps it’s delivering a speech in class. In this class you will learn tips and techniques for speaking up, speaking out and delivering a memorable and touching speech with confidence and clarity, creating a positive experience for you and your audience. Come, join our interactive community — you’ll make new friends and learn new ways to express yourself! DTV 201 (Jeff Williams) \$45

CLCE 014 A 2380 Sat 4/26-5/24 10 a.m.-12 p.m.

## Online Learning



During April, May and June you can sign up for an online ed2go class for a reduced rate of \$79 per class, that's a 20% savings! When registering online, you must select the "Pay Later" option to receive your 20% discount. 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 third Wednesday of every month and run for 6 weeks.

Register for Online Learning classes at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic). Visit [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) or call 360.442.2840 for more information.

## Using Social Media in Business

One of the biggest challenges for most business owners is to find a continuous supply of new customers. The use of social media sites can help in this process and make a business more “visible”. Participants in this course will learn how to use the five most popular social media platforms – Facebook, Twitter, LinkedIn, Pinterest and Google+, to grow and promote their businesses. They’ll also see how to build a social media team, automate their social media activities and measure and track their social media success. Whether you are looking for a new way to market your business or simply want to gain a better understanding of using social media, this course will empower you.



## **Assisting Aging Parents**

Are your parent's in their golden years? Learning how to help parents or other loved ones through their transition can prepare us for our own. This compassionate and comprehensive class will give you the tools, techniques, and insights for this passage. Growing older is a part of life, some aspects are joyful, some bittersweet, some frustrating and frightening. You will learn what to expect, what to watch for, how to deal with physical and emotional challenges and what resources are available to help. Through special communication skills, observation methods and coping mechanisms you will be better equipped to ease the burden for everyone.

## **Beginning Conversational French**

In this course you will learn how to communicate easily and comfortably with those who speak French. You will learn practical, common phrases what will make a trip to the many French-speaking regions of the world more pleasant. Each lesson introduces a scenario, presented in short dialogues. You will be able to practice and learn both sides of the conversation, so to understand and expect common responses. This makes learning French fun and surprisingly easy!

## **Beginning Writer's Workshop**

If you've always wanted to write but have no idea where to start, this course will help you in that process. You will get a taste of the writing life, improve your writing skills, and develop new ways to stretch your creative muscles. This hands-on course for the creative writing novice is filled with challenging exercises, expert advice and plenty of direct support. By completing writing exercises and assignments, you'll discover a variety of strategies and techniques to develop characters, create a compelling point of view and add meaning to your story.

## Computer Skills for the Workplace

Most jobs today require a working knowledge of certain computer skills. This course is designed to provide the fundamental computer competencies you need to survive and prosper in today's fast-changing workplace. Focus on practical applications for software, understand the implications of files size, memory limitations and network arrangements. Technological literacy is critical to the success of any organization.

## Health & Wellness

## 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

CLCF 035 B 2460 MWF 4/7-6/20 11:50 a.m.-12:45 p.m.

**MEET THE INSTRUCTOR!****Exercise should be Fun!**

All you need is a safe, friendly and comfortable environment. The Primetime Fitness class is a workout that is fun and challenges the body to perform. Pat Smith, instructor of the class for the past 10 years, encourages each student to work hard to reach their own potential and personal goals. She says, "Give 100% today and make a life changing difference tomorrow." Pat is energetic, fun and enthusiastic!

**Prime Time Fitness**

Rev up your metabolism and strengthen your entire body with a combination of fitness exercises to firm and tone muscles. BEGIN with a warm up to increase flexibility and balance, ADD a conditioning unit that targets the core, and FINISH with a weight strengthening workout using hand weights. Increase your strength and stamina and lose the belly fat. Wear comfortable clothing and bring a water bottle. Weights are available or bring your own. Classes are held at the Trinity Lutheran Church. (Pat Smith) \$47

**Session One**

CLCE 031 A 2445 MW 3/17-5/7 9:15-10:15 a.m.

**Session Two**

CLCE 029 B 2430 MW 5/12-7/2 9:15-10:15 a.m.

**Balance Ball Fitness**

Balance balls are more than just fun to sit and bounce on, they're a great way to improve strength, cardio endurance and balance. Come and try this beginning balance ball class, a great way to learn and tackle basic moves. Challenge your muscles by adding a series of weight strengthening exercises with hand weights while sitting on the ball. Wear comfortable clothing; bring a yoga mat, abdominal fitness ball and water bottle. Weights are available or bring your own. Classes held at the Trinity Lutheran Church. (Pat Smith) \$47

**Session One**

CLCE 030 A 2435 MW 3/17-5/7 10:30-11:30 a.m.

**Session Two**

CLCE 041 A 2520 MW 5/12-7/2 10:30-11:30 a.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 B 2440 TTH 4/8-6/5 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) \$45

CLCE 036 A 2465 MW 4/28-6/25 7:00-7:50 a.m.

CLCE 036 B 2470 MW 4/28-6/25 8:00-8:50 a.m.

CLCE 036 C 2475 MW 4/28-6/25 9:00-9:50 a.m.

**Beginning Better Bones & Balance**

For beginners or anyone who prefers a lower intensity class. Please bring hand weights (3, 4, or 5 pounds). Classes meet at the Youth and Family Link Gym. (Judy Bain, Mary Ann Mabey) \$45

CLCE 036 D 2480 MW 4/28-6/25 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) \$45

CLCE 036 G 2495 MW 4/28-6/25 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 2450 MW 4/7-5/7 5:30-6:30 p.m.

**Session Two**

CLCE 034 B 2555 MW 5/19-6/18 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 036 E 2485 TH 5/1-6/26 10:15-11:05 a.m.

## Travel & Outdoors

### Wenatchee River Rafting

Flowing through the Bavarian-themed village of Leavenworth, Washington the Wenatchee River's big waves and typically sunny weather have made it the most popular river rafting destination in the state. Whitewater rafting trips on the Wenatchee River will take your breath away with incredible scenery and thrilling whitewater action. All skill levels and ages 10 and up are welcome. We provide professional guides and all the river equipment you will need. So come join us for a day on the exciting Wenatchee River! (Wildwater River Guides) \$69

#### Trip 1

CLCE 039 A 2500 Sat 5/17 1:30-5:30 p.m.

#### Trip 2

CLCE 039 B 2505 Sat 6/21 1:30-5:30 p.m.

### Ten Grands, Portland

Ten Grands features ten grand pianos and ten concert pianists playing a variety of classical and modern pieces both simultaneously and individually. Concert proceeds benefit The Snowman Foundation, which benefits youth service groups and helps to provide youth scholarships and music lessons for disadvantaged youth in Oregon and Southwest Washington. Presented just once a year at the Arlene Schnitzer Concert Hall, Ten Grands is not to be missed! Transportation to and from event will be provided as will performance ticket. \$65

CLCE 039 C 2510 Sat 4/19 4:30-9:30 p.m.

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

**Call Leeann Curry at 360.442.2840 for more details!**



### Astoria Seafood and Wine Festival

Sit back and relax while we drive you to Astoria for the annual Crab, Seafood and Wine Festival. Enjoy coastal cuisine, arts, crafts and wine tasting. Sample wines from around the region such as, Lone Oak Vineyards and Cathedral Ridge Winery and feast on cuisine provided by Crepe Neptune, Urban German and many more. It's a day of good food, good wine and great friends! Transportation will be provided to and from the Festival. (Max Wade) \$25, plus Adult admission is \$10, payable at the door.

CLCE 039 D 2515 Sat 4/26 9 a.m.-4 p.m.





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

**Phone:** 360.442.2840

Year 2014

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 LCC?**

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

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

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

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

# Is Music Your Passion?

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

## Concert Choir

LCC's traditional choir performs a holiday concert, a traditional choral concert and a musical revue concert each year.

## Show Choir

LCC's song and dance choir focuses on jazz and musical theatre repertoire.



## Jazz Band

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

## Symphonic Band

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



## Performances

LCC choirs and bands perform in a concert at the end of each quarter to showcase their musical talents for friends, family and music patrons from the community. Additional opportunities exist throughout the year for campus performances, including the LCC summer musical production.

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



**Gina Challed**  
*LCC Choir Director*



**Dr. Robert W. Davis**  
*LCC Band Director*

Gina brings a wealth of experience as a professional performer in a wide range of venues from opera to Broadway musicals. She earned her Bachelor of Arts and Master's degree in Vocal Music in New Mexico and previously taught at Western New Mexico University and New Mexico State University.

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

# 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: Monday–Friday 8 a.m.–2 p.m.; Espresso Bar: Opens 7:30 a.m. Monday–Friday; Rose Center Encore Concessions: Monday–Thursday 8 a.m.–3 p.m., Friday closes 2 p.m.

## ■ DISABILITY SUPPORT SERVICES

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

360.442.2341

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

## ■ FINANCIAL AID

Apply early for financial aid; processing takes 3-6 weeks. Priority Application deadline for Fall quarter is August 12. 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.–6 p.m.  
Closed Friday, Saturday, Sundays, holidays, and between quarters.

## ■ 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 8 a.m.–6 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:

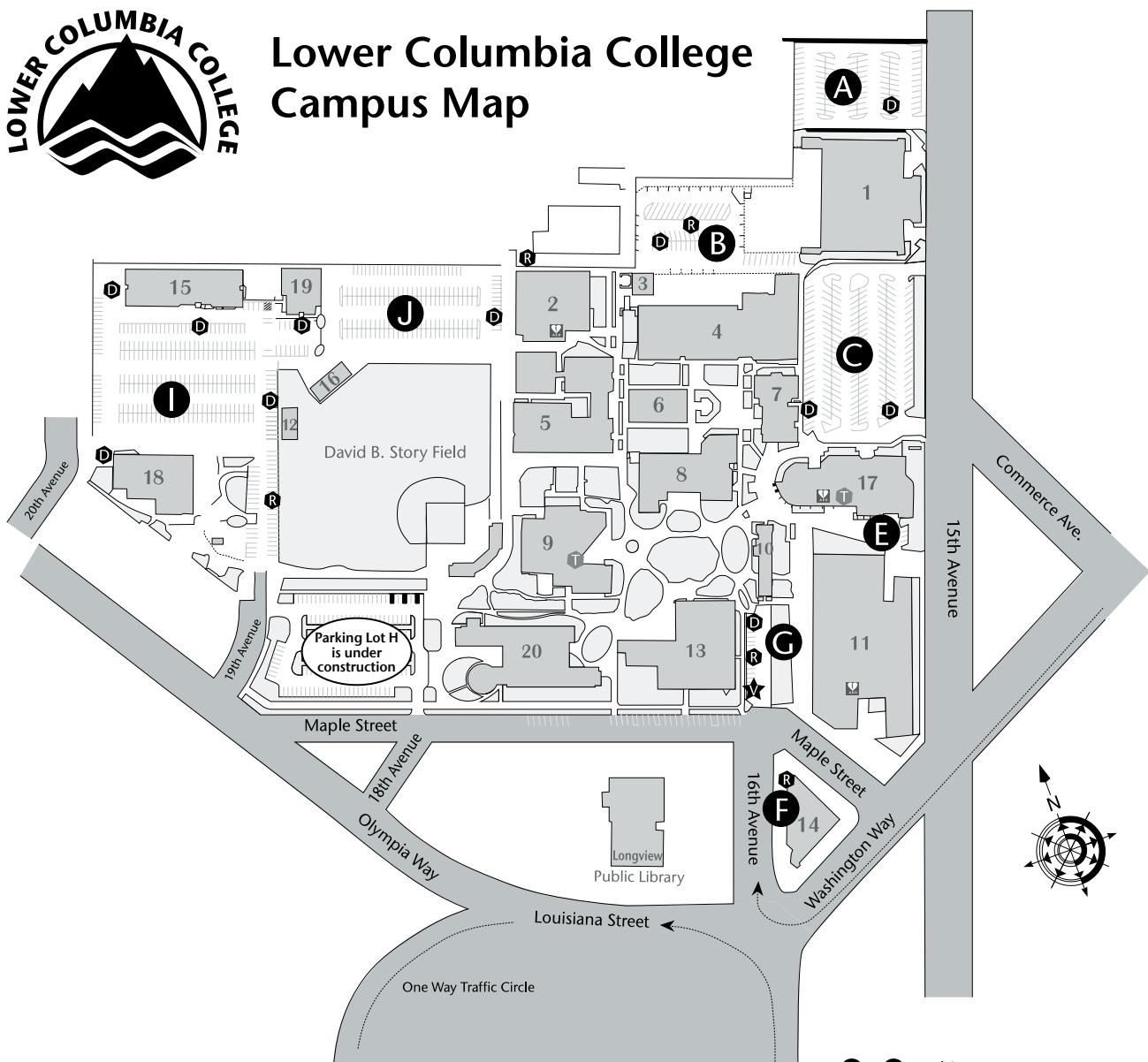
[lowercolumbia.edu/ged](http://lowercolumbia.edu/ged) or 360.442.2353

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



- A - J** Parking Lots
- D** Disabled Parking
- R** Reserved Parking
- M** Motorcycle Parking
- T** Telephones
- ★** Visitors
- AED** External Defibrillator (AED)

**Visitors** may park in regular (not reserved) space long enough to pick up a Visitor's Parking Pass from the cashier's window in the Admissions Center (#8)  
Thirty-minute Visitor Parking is in Lot G

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)
9. Library - Alan Thompson (LIB)  
Regional University 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)
18. Campus Services Building (CMS)
19. Head Start East Building (HSE)
20. Health and Science Building (HSC)

**Note:** Buildings are not physically numbered. The numbers on this map are for key purposes only.



1600 Maple Street  
PO Box 3010  
Longview, WA 98632-0310

PERIODICALS

**WSS CAR-RT PRESORT  
RESIDENTIAL CUSTOMER**

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

The Lower Columbia College Foundation awarded over \$300,000 in scholarships this year to LCC students. Scholarships may be based on your field of study, community service, talents in music and theatre, or high school affiliations, as well as financial need and grades.

Apply for multiple awards for 2014-2015 with one online application available now.

Thanks to the generosity of more than 100 businesses and community members, motivated LCC students can find the resources to complete their degrees, get a job, and become scholarship donors themselves.



*LCC Foundation scholarship donors enjoy meeting student recipients who are realizing college and career dreams as a result of generous donor support. In Fall 2013, 154 awards were made totaling \$334,118. Photos from top: Jeanne O'Connor, Margaret Engstrom and Natalie Lassen, representing the PEO Sisterhood BN Scholarship, and Jill Tossberg, representing both PEO and the Thomas Tossberg M.D. Memorial Scholarship, visit with students Kitlyn Hricziscse and Sofie Shulda.*

*Foundation board member Rick Winsman and Stephan Jones, Kangas Family Endowed Scholarship representative, talk with student scholarship recipients William Wells, Kangas Scholarship, and Theresa Honeycutt, Theodore McClelland Natt Scholarship.*

**Learn more about LCC scholarships and how to apply  
[at lowercolumbia.edu/costs-aid/scholarships](http://lowercolumbia.edu/costs-aid/scholarships)**