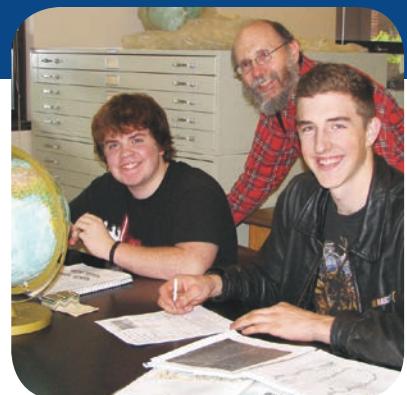




LOWER COLUMBIA COLLEGE  
*The Smart Choice!*

SUMMER 2015 CLASS SCHEDULE



SUMMER CLASSES BEGIN JULY 6

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## LCC Office Hours

### Summer Office Hours

**Closed Fridays, July 10 – September 4**

#### Regular office hours for most offices:

Monday–Friday, 8 a.m.–5 p.m.

#### Registration

Monday–Thursday .....

**8 a.m.–5 p.m.**

Fridays.....

**10 a.m.–5 p.m.**

#### Cashiering is open 8:30 a.m.–4:30 p.m.

**Financial Aid hours are the same as for 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.*

## Equal Opportunity, Affirmative Action, and Reasonable Accommodation

Lower Columbia College provides equal opportunity in education and employment and does not discriminate on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal. Qualified members of protected classes are encouraged to apply. The College is also committed to maintain an environment for teaching and learning which is free of drugs and alcohol.

The Title IX/ EEO Coordinator is Kendra Sprague, Administration Building, 360.442.2120.

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/Video Relay Service: 7.1.1 and 800.833.6388, or email [mmorgan@lowercolumbia.edu](mailto:mmorgan@lowercolumbia.edu).

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

#### About This Schedule:

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

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

# **LCC is a Smart Choice for University and College-Bound Students**

Enrolling at LCC in the summer is an excellent value for university students who are home for break, and for college-bound students who are heading off to a four-year institution in the fall.

For university students, LCC offers a full range of general education courses in the summer that transfer to both public and private four-year institutions. Summer session at LCC is only eight weeks long, and some classes can be completed in just four to six weeks. LCC does not hold classes on Fridays in the summer.

Enrolling in classes is easy for university students not planning to complete a degree at LCC. Be sure to check with your university advisor about meeting your degree requirements with transfer courses, then visit [lowercolumbia.edu/registration](http://lowercolumbia.edu/registration) to get started.

For recent high school graduates planning to start college

soon, enrolling in the summer can be an excellent way to ease into higher education. Summer session is shorter, and there is more room in parking lots, computer labs and library facilities. Many students start off in the summer with a college success (COLL 101) course, or pre-college math or English if needed. Summer attendance can really help shorten the time it takes to complete a degree or certificate.

Many students planning to get a four-year degree decide to start their journey at LCC. Doing so can help families save big on tuition costs, not to mention room and board.

**The Associate in Arts Direct Transfer Agreement** provides a smooth transition to upper division studies at both public and private institutions in our state. Records show that LCC students earn an average GPA of 3.18 at Washington public universities after transfer.

## *Popular LCC Summer Classes for University Students*

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

ART 101	Beginning Drawing	BUS 206	Statistical Methods	MATH& 142	Pre-Calculus Math
ART 103	Advanced Drawing	BUS& 101	Introduction to Business	MATH& 153	Calculus III
ART 106	Basic Design	BUS& 201	Business Law	MUSC 105	Music Appreciation
ART 107	Basic Design I	CHEM& 100	Preparatory Chemistry	MUSC 119	American Music:DIV
ART 108	Basic Design II	CHEM& 110	Chemical Concepts	NUTR& 101	Nutrition
ART 111	Beginning Painting	CHEM& 121	Introduction to Chemistry	OCEA& 101	Introduction to Oceanography
ART 113	Advanced Painting	DRMA& 101	Introduction to Theatre	POLS& 202	American Government
ART 241	Beginning Ceramic Art	ECON 105	Introduction to Economics	PSYC& 100	General Psychology
ART 243	Advanced Ceramic Art	ECON& 201	Micro Economics	PSYC& 200	Lifespan Psychology
ART& 100	Art Appreciation:DIV	ENGL 204	The Novel:DIV	SPAN& 121	Spanish I:DIV
ASTR& 101	Introduction to Astronomy	ENGL& 101	English Composition I	SPAN& 122	Spanish II:DIV
BIOL 109	Energy & Life: Biological Sciences	ENGL& 102	Composition II	SPAN& 123	Spanish III:DIV
BIOL& 160	General Biology	HIST& 127	World Civilization II:DIV	SPAN& 221	Spanish IV
BIOL& 241	Human Anatomy and Physiology 1 w/ lab	HIST& 136	Us History 1	SPAN& 222	Spanish V
BIOL& 242	Human Anatomy and Physiology 2 w/ lab	HUM 104	Ethics/Cultural Values:DIV	SPAN& 223	Spanish VI
BUS 144	Mgmt/Human Relations:DIV	HUM& 117	Humanities II	SPCH 110	Introduction to Public Speaking
BUS 150	Customer Service/ Management:DIV	MATH 210	Elements of Statistics	SPCH 114	Small Group Communication
		MATH& 107	Math in Society		
		MATH& 141	Precalculus I		

# HOW TO REGISTER

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

## Current Students

Registration is now open for both current and new students.

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

## Which PIN Do You Need?

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

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

## New Students

Registration is now open for both current and new students. Staff assistance and computers are available in the Admissions Center.

- 1. Apply for admission**  
Online or in person at the Entry Center.
- 2. Apply for financial aid, if needed.**  
Go to [lowercolumbia.edu/finaid](http://lowercolumbia.edu/finaid) for instructions and forms. More information on page 7.
- 3. Determine your program**

Visit the Career Center to take an interest assessment, explore careers, and access career resources. The results will help you choose a program leading to a career that is right for you. At the Center, or from your own computer, print out a copy of the program planner(s) for the program(s) of study that interest you. Go to [lowercolumbia.edu/programs](http://lowercolumbia.edu/programs).

- 4. Practice and take a placement test**  
Students planning to earn a degree or certificate or transfer to a four-year institution need to have skill levels assessed before registering for classes. Placement assessments are given at the Admissions Center testing lab. Testing takes approximately three hours. Recommendations based on your results help you select the right classes. Find practice materials online.
- 5. Sign up and attend orientation for advising and to register**  
Make an appointment by contacting the Entry Center. Advisors will be available and you can also register for classes during orientation. Do some advance planning: bring your program planner(s) and placement test scores, browse the online class schedule, and map out the time you have available for classes and studying.
- 6. Pay your tuition and fees** by 5 p.m. Friday of the week you register. You may pay online with a credit or debit card or in person at the Cashier in the Admissions Center. If you need more time to pay, see Delayed Tuition Payment options on page 7.

## Not planning a degree or certificate?

Register at Registration starting May 4. 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 23.

## 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 (July 8), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

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

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

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

# ONLINE REGISTRATION & PAYMENT

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

## 1. Check Your Registration Date and Time

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

## 2. To Register Online

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

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

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

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

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

Tuition 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

May 4–July 8.

### 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 and fees may change for Fall. When known, they will be posted at [lowercolumbia.edu/tuition](http://lowercolumbia.edu/tuition)

# Tuition & Fees

## Resident Students (Column A)

Washington resident students must verify that they have lived in Washington for one year and have established residency in the State of Washington, including US Citizenship. If your residency cannot be determined at the time of registration, you will be required to pay non-resident tuition and fees. Ask about residency at the Registration Office, 360.442.2370. Complete residency rules are detailed in RCW 28B.15.012.

Even if you are not a permanent resident or US Citizen, you may still qualify to pay in-state tuition if you have graduated (or will) from a Washington state high school. Contact the Registrar at 360.442.2371.

## Oregon Border County Residents (Column B)

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

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

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

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

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

## Veterans (Column E)

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

## Special Rates for Senior Citizens

If space is available after the first class meeting, Washington residents 60 or older may audit up to two classes for \$2.50 per class plus \$1.25 per credit facilities use fee and applicable lab fees.

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

## Miscellaneous Fees for 2014-15

- Application:** All new students are charged a \$30 combined assessment and application fee. After two years of non-attendance, this fee will be recharged.
- Apprenticeship:** \$53 per credit; \$3.49 per clock hour.
- Computer Lab:** A fee of \$22.90 per class is charged for certain classes identified in the course listing.
- Facilities Maintenance:** The chart includes a fee of \$1.25 per credit, up to 18 credits (max. \$22.50), for facilities maintenance and College security.
- Fitness Center Upgrade:** The chart includes a fee of \$2.50/credit, up to 10 credits (max. \$25), for fitness center upgrade.
- GED Testing:** \$120.00 for first time on all four. Re-testing: \$30 per test.
- High School Completion:** Courses taken to earn a high school diploma are \$53.42 per credit for residents or \$106.84 per credit for non-residents, plus a technology fee of \$3.75/credit, facilities fee of \$1.25/credit, tutoring center fee of \$.50/credit and fitness center upgrade fee of \$2.50/credit.
- Lab:** Nonrefundable lab fees are collected for certain classes. Where applicable, this fee is shown with class listings in this schedule.
- Distance Education online courses require a Distance Ed fee of \$6.00/credit (max 10 credits) for each course. Distance Education Hybrid and Enhanced courses require a Distance Ed fee of \$3.00/credit (max 10 credits).
- Resident Excess Credit:** Residents pay \$96.26 per credit above 18 credits.
- Technology:** The chart includes a technology fee of \$3.75/credit, up to 12 credits (max. \$45). A photo ID card, which serves as your activities card, library card and computer lab card, is issued as part of this fee. The ID card is NOT issued quarterly; it is valid as long as you are at LCC.
- Transcript:** \$10 fee for each official transcript.
- Tuition Deferment:** Qualified students may purchase a tuition deferment for \$35. While the fee is nonrefundable, \$25 is applied toward tuition upon full payment.
- Tutoring Center:** The chart includes a fee of \$.50/credit, up to 10 credits (max. \$5), to support the Tutoring Center.
- Vocational Excess Credit:** Vocational students taking over 18 credits who meet certain requirements pay only \$7 per credit (residents); non-residents over 18 credits pay \$28.

# Paying for College

## Applying for Financial Aid

### Who is eligible?

To qualify for Financial Aid you must:

- Have a high school diploma or GED
- Be a U.S. citizen or eligible non-citizen
- Be registered with the Selective Service (if required)

Other eligibility issues may be identified in the FAFSA process.

### What financial aid is available?

Grants, loans, work study employment and scholarships are available to help cover college costs. Special aid programs are also offered for veterans, dislocated workers and first generation students.

### How to apply

Students apply for financial aid online through the LCC website. Computers are available for student use in the Admissions Center. Priority deadlines are set for each quarter to allow 3-6 weeks for an application to be processed.

To receive financial aid, a student MUST complete the FAFSA

1. Review '7 Easy Steps to the FAFSA' at [lowercolumbia.edu/finaid](http://lowercolumbia.edu/finaid). To complete the application, a student will need:
  - Social Security Number.
  - Income statements, tax or estimated income tax, bank statement. Visit FAFSA to learn more.
  - LCC's federal school code: 003782
2. Follow the instructions at [www.fafsa.gov](http://www.fafsa.gov) and complete the application.
3. Applicants should check their status at LCC's Financial Aid Portal and upload any requested documents. Do this at [lowercolumbia.edu/finaid](http://lowercolumbia.edu/finaid). The applicant will use their Social Security Number and birth date (mm/dd/yy) to log in the first time.

### How is aid approved and distributed?

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.

Summer Hours: Closed Fridays

## Scholarships

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

Scholarships are based on varied criteria, including:

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

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

### Looking for your dream job?

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

### Delayed Tuition Payment Options

Need more time to pay your tuition? Here are 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 June 30 by paying \$25 of your tuition plus a \$10 fee at the Cashier. Ask for a Tuition Deferment.

### Waiting for your Financial Aid funds?

Apply for Financial Aid by the priority deadline (May 27 for Summer Quarter 2015). Students who meet the deadline are automatically held in classes until their financial aid is disbursed.

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

# Learning Communities

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

## I-BEST

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

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

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

## Business Technology

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

**BTEC 148** Introduction to Outlook

**BUS 104** Business Math Applications

**BUS 144** Management of Human Relations:DIV

## 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.

**DHET 100** Essentials of Mechanics

**DHET 104** Vehicle Climate Control

## Early Childhood Education

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

**ECED 105** Intro to Early Childhood Education

**ECED 170** Environments for Young Children

## 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.

**HLTH 100** Occupational Safety and Health

**NURS 090** Nursing Assistant

## Medical Assistant

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

**MEDA 101** Medical Vocabulary I

**CS 110** Microcomputer Applications

## Manufacturing Occupations

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

**Math 106** Industrial Math

**TECH 100** Principles of Technology

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)

## Buying Your Books

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

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early. Students now have the option of renting many of their books as well.
- Buy books online at [lowercolumbia.edu/bookstore](http://lowercolumbia.edu/bookstore) and pick them up in-store or have them shipped to your home. Textbooks will be available online beginning June 8th.

**Bookstore Hours:** July 6 – September 4

Monday-Thursday, 8 a.m.-4 p.m., Closed Friday

## Spring Book Buyback

June 15th, 12-4:30 p.m.

June 16th-18th, 8:30 a.m.-4:30 p.m.

June 19th, 8:30 a.m.-1p.m.

**Summer book buyback:** Check Bookstore website in July for dates and times.



# CLASS LISTINGS

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

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

**D** = Course meets Diversity requirement.

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

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

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

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

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

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

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

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

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

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

**▽** = Course uses the CANVAS learning management system. All courses with this symbol have a fee. All DE sections have a fee of \$6.00 per credit, maximum of \$60.00. All other ▽ sections have a fee of \$3.00 per credit, maximum of \$30.00. Boot Camps and Orientation information is on page 16.

## Diversity Classes

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

ANTH 109	American Cultural Diversity
ANTH& 206	Cultural Anthropology
ART& 100	Art Appreciation
ART 206	Arts of the Americas
ART 207	Arts of the World
ART 208	Arts of the Northwest
ART 228	History of Western Art
ASL& 123	American Sign Language III:DIV
BUS 144	Management of Human Relations
CHIN& 121	Chinese I
CHIN& 122	Chinese II
CHIN& 123	Chinese III
EDUC& 205	Introduction to Education w/Field Experience
ENGL 140	Introduction to Women Writers
ENGL 246	Rainbow Readers:LGBTQ Literature
ENGL 280	Multicultural Literature
ENVS 150	Environment and Society

Course # Course Name

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

## Accounting

### ACCT 101 INTRODUCTION TO ACCOUNTING CONCEPTS

▽ 1615 A 5 TTh 11:10a.m.-1:10p.m. AAR 103 STANLEY J  
Computer lab fee will be charged.

### ACCT& 203 PRINCIPLES OF ACCOUNTING III

▽ 1635 A 5 TTh 9:00a.m.-10:25a.m. AAR 103 STANLEY J  
Hybrid class; partly online.

## Allied Health

### AH 104 HEALTHCARE FOUNDATIONS

▽ 1645 DE 2 ARR ARR ENGEL E  
Online class.  
Start Date: 07/06/15 End Date: 08/20/15

### AH 114 HEALTHCARE COMMUNICATION SKILLS

▽ 1655 DE 2 ARR ARR ENGEL E  
Online class.  
Start Date: 07/06/15 End Date: 08/20/15

## Art

### ART& 100 ART APPRECIATION:DIV

▽ 1800 A 5 T 8:45a.m.-12:00p.m. MAN 119 COOPER R  
Hybrid class; partly online.  
▽ 1805 DE 5 ARR ARR COOPER R  
Online class.

HIST& 126	World Civilization I
HIST& 127	World Civilization II
HIST& 128	World Civilization III
HIST 205	History of East Asia
HIST& 215	Women in U.S. History
HUM 164	Cultural Journeys
HUM 210	Myths and Rites
MUSC 117	Music Cultures of the World
MUSC 119	American Music
MUSC 209	The Blues Culture
SOC& 101	Introduction to Sociology
SOC 225	Race and Ethnicity
SPAN& 121	Spanish I
SPAN& 122	Spanish II
SPAN& 123	Spanish III
SPCH 109	Intercultural Communication
SPCH 209	Rhetorical Criticism and Popular Culture

## Course # Course Name

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

**ART 101 BEGINNING DRAWING** H,P  
 1700 A 3 MW 1:10p.m.-5:10p.m. MAN 109 KOHLMEIER M

**ART 102 INTERMEDIATE DRAWING** H,P  
 1705 A 3 MW 1:10p.m.-5:10p.m. MAN 109 KOHLMEIER M  
 Lab Fee: \$5.60

**ART 103 ADVANCED DRAWING** H,P  
 1710 A 3 MW 1:10p.m.-5:10p.m. MAN 109 KOHLMEIER M

**ART 106 BASIC DESIGN** H,P  
 1715 A 5 MW 9:15a.m.-12:10p.m. MAN 109 KOHLMEIER M

**ART 107 BASIC DESIGN I** H,P  
 1720 A 5 MW 9:15a.m.-12:10p.m. MAN 109 KOHLMEIER M

**ART 108 BASIC DESIGN II** H,P  
 1725 A 3 MW 9:15a.m.-12:40p.m. MAN 109 KOHLMEIER M

**ART 111 BEGINNING PAINTING**  
 ▼ 1730 A 3 TTh 12:20p.m.-3:45p.m. MAN 103 COOPER R

**ART 112 INTERMEDIATE PAINTING** H,P  
 ▼ 1735 A 3 TTh 12:20p.m.-3:45p.m. MAN 103 COOPER R

**ART 113 ADVANCED PAINTING** H,P  
 ▼ 1740 A 3 TTh 12:20p.m.-3:45p.m. MAN 103 COOPER R

**ART 241 BEGINNING CERAMIC ART** H,P  
 1745 A 3 MW 1:00p.m.-5:00p.m. MAN 104 WALLACE P  
 Lab Fee: \$19.90

**ART 242 INTERMEDIATE CERAMIC ART** H,P  
 1755 A 3 MW 1:00p.m.-5:00p.m. MAN 104 WALLACE P  
 Lab Fee: \$27.00

**ART 243 ADVANCED CERAMIC ART** H,P  
 1765 A 3 MW 1:00p.m.-5:00p.m. MAN 104 WALLACE P  
 Lab Fee: \$27.00

**ART 290 ART STUDIO LAB-CERAMICS**  
 1785 MM1 1-3 ARR  
 Instructor permission required to enroll.  
 Lab Fee: \$27.00

**ART 299 INDEPENDENT STUDY**  
 ▼ 1790 MM1 1-3 ARR  
 Lab Fee: \$19.00  
 1795 MM2 1-3 ARR  
 Instructor permission required to enroll.  
 Lab Fee: \$19.00

## Automotive Technology

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

**AMTC 100 ESSENTIALS OF MECHANICS**  
 1675 A 5 MT 1:00p.m.-4:30p.m. DTV 108 ROESKE G

**AMTC 104 VEHICLE CLIMATE CONTROL**  
 1680 A 8 MTWTh 7:30a.m.-12:30p.m. DTV 233 ROESKE G

**AMTC 121 GAS ENGINES I**  
 1681 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C  
 Start Date: 07/06/15 End Date: 07/23/15

**AMTC 122 GAS ENGINES II**  
 1682 A 1-10 MTWTh 7:30a.m.-4:30p.m. DTV 232 KILE C  
 Start Date: 07/27/15 End Date: 08/27/15

## Biology

**BIOL 109 ENERGY AND LIFE: BIOLOGICAL SCIENCES**  
 4600 A 5 MTWTh 1:00p.m.-2:20p.m. HSB 135 SKREEN J  
 Lab Fee: \$19.00

**BIOL& 160 GENERAL BIOLOGY** NSL  
 ▼ 1835 DE 5 ARR ARR  
 MYERS L  
 Students must also enroll in BIOL& 160 DEA. Students should be prepared to purchase online lab software called Late Nite Labs. The cost for access is \$50.00. Online class.

**BIOL& 160 GENERAL BIOLOGY—LAB**  
 ▼ 1840 DEA 0 ARR ARR  
 MYERS L  
 Online class.

**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1** NSL  
 ▼ 1855 DE 6 ARR ARR  
 MEYERS R  
 Prerequisite: BIOL& 160 or equivalent with a grade of C or better or instructor permission. Students must enroll in one of the lab sections BIOL& 241 DEA or DEB. Online class.

**BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1—LAB**  
 ▼ 1860 DEA 0 ARR ARR  
 MEYERS R  
 Online class.  
 ▼ 1865 DEB 0 ARR ARR  
 MEYERS R  
 Online class.

**BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2 WITH LAB** NSL  
 ▼ 1870 DE 6 ARR ARR  
 MEYERS R  
 Prerequisite: BIOL& 241 or instructor permission. Students must have access to a computer and have keyboarding experience. Lab included. Contact instructor at rmeyers@lowercolumbia.edu for more information.  
 Online class.

## Astronomy

**ASTR& 101 INTRODUCTION TO ASTRONOMY** NSL  
 ▼ 1815 A 5 MW 9:00a.m.-12:25p.m. HSB 137 VASQUEZ J

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

▼ 2075 A 5 Th 9:20a.m.-1:00p.m. PSC 102 CUMMINGS D  
Hybrid class; partly online.

▼ 2080 DE 5 ARR ARR AAR ALLWINE T  
Online class.

**BUS 104 BUSINESS MATH APPLICATIONS**

▼ 2015 A 5 T 9:20a.m.-1:00p.m. PSC 102 CUMMINGS D  
Hybrid class; partly online.

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

▼ 2020 A 5 T 1:40p.m.-4:30p.m. PSC 104 ALLWINE T  
Hybrid class; partly online.

▼ 2025 DE 5 ARR ARR ALLWINE T  
Online class.

**BUS 150 CUSTOMER SERVICE/MANAGEMENT:DIV D**

▼ 2035 A 5 T 9:20a.m.-1:00p.m. AAR 104 ALLWINE T  
Hybrid class; partly online.

▼ 2040 DE 5 ARR ARR ALLWINE T  
Online class.

**BUS& 201 BUSINESS LAW SS**

▼ 2085 DE 5 ARR ARR QUIRK A  
Online class.

**BUS 206 STATISTICAL METHODS NS**

2045 A 5 MTWTh 7:25a.m.-9:10a.m. MAN 234 HEBERT M  
Start Date: 07/06/15 End Date: 08/20/15

2050 B 5 MTWTh 9:20a.m.-11:05a.m. MAN 234 HEBERT M  
Start Date: 07/06/15 End Date: 08/20/15

**Business Technology**

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

**BTEC 148 INTRODUCTION TO OUTLOOK**

▼ 1950 A 2 W 11:00a.m.-12:00p.m. AAR 109E HOMME S  
Hybrid class; partly online.

**BTEC 165 CULTURAL AWARENESS FOR HEALTHCARE PROFESSIONALS**

▼ 1970 A 2 T 9:00a.m.-10:00a.m. AAR 106 GAITHER M  
Hybrid class; partly online.

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 1975 DE 1-3 ARR ARR LEMMONS N  
Online class.

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 1985 DE 1-3 ARR ARR LEMMONS N  
Online class.

Any new BTEC students enrolled in arranged BTEC classes (shown as "ARR") must attend a general orientation on Monday, July 6, 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, July 6. If you have any questions, please contact the lab at 360.442.2710.

**BTEC Lab Hours:** Monday-Thursday 7:30 a.m.-4:00 p.m. **Testing Times:** Monday-Thursday 8:00 a.m.-3:00 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**

1875 P 1-3 ARR ARR AAR 109 GAITHER M  
This course is graded on a Pass/Fail basis only. Students must sign up for orientation in AAR 109, Lab 5. Please allow one hour for this orientation.

**BTEC 105 KEYBOARDING SPEED/ACCURACY BUILDING**

1895 P 1-4 ARR ARR AAR 109 GAITHER M  
This course is graded on a Pass/Fail basis only.

**BTEC 130 ELECTRONIC CALCULATORS**

1925 P 1-2 ARR ARR AAR 109 GAITHER M  
There is no computer lab fee for this class.

**BTEC 144 ONENOTE FUNDAMENTALS**

▼ 1930 P 1 ARR ARR AAR 109 GAITHER M

**BTEC 145 INTRODUCTION TO MS WORD**

▼ 1935 P 1-5 ARR ARR AAR 109 GAITHER M

**BTEC 146 POWERPOINT FUNDAMENTALS**

▼ 1940 P 1-2 ARR ARR AAR 109 GAITHER M

**BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING**

▼ 1945 P 1-3 ARR ARR AAR 109 GAITHER M  
Prerequisite: BTEC 145 or equivalent.

**BTEC 149 INTERNET FUNDAMENTALS**

▼ 1960 P 1 ARR ARR AAR 109 GAITHER M

**BTEC 150 INTRODUCTION TO GOOGLE APPS**

▼ 1962 P 1-3 ARR ARR AAR 109 GAITHER M

**BTEC 155 WEBSITE MANAGEMENT**

▼ 1963 P 3 ARR ARR AAR 109 GAITHER M

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

▼ 1965 P 1-2 ARR ARR AAR 109 GAITHER M

**BTEC 181 MEDICAL TERMINOLOGY I**

▼ 1980 P 1-3 ARR ARR AAR 109 GAITHER M

**BTEC 182 MEDICAL TERMINOLOGY II**

▼ 1990 P 1-3 ARR ARR AAR 109 GAITHER M

**BTEC 230 LEGAL TERMINOLOGY**

▼ 1995 P 1-3 ARR ARR AAR 109 GAITHER M

## Course # Course Name

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

## Chemistry

**CHEM & 100 PREPARATORY CHEMISTRY**

2110 A 5 MTWTh 9:00a.m.-10:25a.m. HSB 123 WOLFER A

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

▼ 2115 DE 5 ARR ARR

Lab included. Online class.

NSL

PECORE J

**CHEM & 121 INTRODUCTION TO CHEMISTRY**2120 A 5 MTWTh 10:35a.m.-11:45a.m. HSB 123  
M 12:30p.m.-3:55p.m. HSB 332

NSL

WOLFER A

Lab included. Lab Fee: \$13.20

## College Success

**COLL 101 FIRST YEAR SEMINAR I**▼ 2395 A 2 MW 9:00a.m.-10:10a.m. MAN 145 SUEK J  
▼ 2400 B 2 MW 11:00a.m.-12:10p.m. MAN 205 RISTER M  
▼ 2390 C 2 TTh 9:00a.m.-10:10a.m. HSB 106 SUEK J  
▼ 2385 DE 2 ARR ARR MYERS L

Online class.

**COLL 102 FIRST YEAR SEMINAR II**

▼ 2405 A 2 TTh 11:00a.m.-12:10p.m. MAN 205 RISTER M

## Computer Science

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

**CS 104 INTERMEDIATE WEB PAGE DESIGN**▼ 2410 A 5 MW 10:00a.m.-12:00p.m. AAR 110C ROSI D  
Hybrid class; partly online.**CS 110 MICROCOMPUTER APPLICATIONS**▼ 2415 A 3 MTWTh 10:00a.m.-10:50a.m. AAR 109E HOMME S  
▼ 2420 B 3 MTWTh 12:00p.m.-12:50p.m. AAR 109E HOMME S  
▼ 2425 DE 3 ARR ARR ROSI D

Online class.

There is no computer lab fee for this class.

**CS 121 INTRODUCTION TO SPREADSHEETS:EXCEL**▼ 2430 DE 5 ARR ARR LEMMONS N  
Online class.

There is no computer lab fee for this class.

## Cooperative Education

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

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

To enroll in a Cooperative Education program, students must have prior permission from an instructor in the appropriate program and the Workforce Services Manager, Dani Trimble. For more information, contact Dani at 360.442.2622, email 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 June 25, 2015. Orientations will be held in the Rose Center (RCA), Room 220. 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 148. A \$13.70 lab fee will be charged for all 288 classes.

ACCT	288	1625	CS	288	2445	ICP	288	3735
ACCT	289	1630	CS	289	2450	ICP	289	3740
AH	288	1665	CJ	288	2130	MFG	288	4345
AH	289	1670	CJ	289	2135	MFG	289	4350
AMTC	288	1685	ECED	288	2530	MEDA	288	4335
AMTC	289	1690	ECED	289	2535	MEDA	289	4340
ART	288	1775	ENGR	288	2785	PSYC	288	4610
ART	289	1780	ENGR	289	2790	PSYC	289	4615
BUS	288	2065	FISC	288	3520	WELD	288	4955
BUS	289	2070	FISC	289	3525	WELD	289	4960
BTEC	288	2000	HLTH	288	3625			
BTEC	289	2005	HLTH	289	3630			
CDS	288	2090	HDEV	288	3565			
CDS	289	2095	HDEV	289	3570			

## Diesel/Heavy Equipment Technology

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

**DHET 100 ESSENTIALS OF MECHANICS**

2455 A 5 MT 1:00p.m.-4:30p.m. DTV 108 ROESKE G

**DHET 104 VEHICLE CLIMATE CONTROL**

2465 A 8 MTWTh 7:30a.m.-12:30p.m. DTV 233 ROESKE G

**DHET 299 INDEPENDENT STUDY**

2475 MM 2 ARR ARR ROESKE G

## Drafting

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

### EVENING CLASSES

#### DRFT 151 INTRODUCTION TO CAD

2490 N 1-3 TTh 6:00p.m.-8:50p.m. VOC 113 ROGERS K

#### DRFT 210 ADVANCED TECHNICAL GRAPHICS

2505 N 1-3 TTh 6:00p.m.-8:50p.m. VOC 113 ROGERS K

#### DRFT 252 3D COMPUTER AIDED DRAFTING

2510 N 1-3 TTh 6:00p.m.-8:50p.m. VOC 113 ROGERS K

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

2515 N 3 TTh 6:00p.m.-8:50p.m. VOC 113 ROGERS K

## Economics

#### ECON 105 INTRODUCTION TO ECONOMICS

SS

▼ 2575 DE 5 ARR  
Contact instructor at jfranz@lowercolumbia.edu for more information.  
Online class.

FRANZ J

#### ECON& 201 MICRO ECONOMICS

SS

▼ 2580 DE 5 ARR  
Contact instructor at jfranz@lowercolumbia.edu for more information.  
Online class.

FRANZ J

## Drama

#### DRMA& 101 INTRODUCTION TO THEATRE

3356 A 5 MTWTh 12:15p.m.-1:40p.m. RCA 139 BOYERCOCHRAN

## Early Childhood Education

#### ECED& 100 CHILD CARE BASICS

▼ 2540 DE 3 ARR ARR  
Online class.

AKINS-FIELDS

#### ECED& 105 INTRODUCTION EARLY CHILD EDUCATION

▼ 2545 DE 5 ARR ARR  
Class will be required to take two field trips during the quarter. Check with the instructor for dates and destinations.  
Online class.

#### ECED& 134 FAMILY CHILD CARE

▼ 2570 DE 3 ARR ARR  
Online class.

AKINS-FIELDS

#### ECED 170 ENVIRONMENTS YOUNG CHILD

▼ 2565 A 3 W 1:00p.m.-3:00p.m. SCI 108 ZBAEREN J  
Hybrid class; partly online.

#### ECED 186 GROWTH & SOCIALIZATION

▼ 2525 DE 3 ARR ARR  
For class information, contact the instructor at sboursaw@lowercolumbia.edu  
Online class.

#### EDUC& 203 EXCEPTIONAL CHILD

▼ 2555 A 3 W 9:00a.m.-11:00a.m. SCI 108 ZBAEREN J  
Hybrid class; partly online.

## Engineering

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

#### ENGR& 121 ENGINEERING GRAPHICS I

2795 A 1-3 MW 1:35p.m.-4:25p.m. VOC 113 MORRISON D

#### ENGR& 122 ENGINEERING GRAPHICS II

2800 A 1-3 MW 1:35p.m.-4:25p.m. VOC 113 MORRISON D

#### ENGR& 123 ENGINEERING GRAPHICS III

2805 A 1-3 MW 1:35p.m.-4:25p.m. VOC 113 MORRISON D

## English

#### ENGL 096 READING WORKSHOP I

2630 MM 2 MTW 11:00a.m.-11:50a.m. MAN 148 LEACH M

#### ENGL 097 READING WORKSHOP II

2635 MM 2 MTW 11:00a.m.-11:50a.m. MAN 148 LEACH M

#### ENGL 098 COLLEGE READY ENGLISH I

▼ 2640 A 5 MTWTh 9:00a.m.-10:25a.m. MAN 203 RISTER M

▼ 2645 B 5 MTWTh 10:35a.m.-12:00p.m. AAR 106 MOIR D

▼ 2655 DE 5 ARR ARR  
Online class.

DIGERLANDO N

#### ENGL 099 COLLEGE READY ENGLISH II

▼ 2670 A 5 MTWTh 9:00a.m.-10:25a.m. MAN 203 RISTER M

▼ 2675 B 5 MTWTh 10:35a.m.-12:00p.m. AAR 106 MOIR D

▼ 2685 DE 5 ARR ARR  
Online class.

DIGERLANDO N

#### ENGL& 101 ENGLISH COMPOSITION I

▼ 2740 A 5 MTW 8:30a.m.-10:25a.m. MAN 205 ROOSE J

▼ 2745 B 5 MTW 10:35a.m.-12:30p.m. MAN 146 ROOSE J

▼ 2760 DE 5 ARR ARR  
Online class.

DIGERLANDO N

## Course # Course Name

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

**ENGL& 102 COMPOSITION II** HA  
 2770 A 5 MTWTh 9:00a.m.-10:25a.m. MAN 146 FRANKIEWICZ  
 ▼ 2775 DE 5 ARR ARR MCCARTHY D  
 Online class.

**ENGL 110 INDUSTRIAL COMMUNICATION**  
 ▼ 2710 A 5 MTW 1:20p.m.-4:00p.m. AAR 106 DIGERLANDO N  
 Start Date: 07/06/15 End Date: 08/13/15

**ENGL 204 THE NOVEL** D,H  
 ▼ 2780 DE 5 ARR ARR MCCARTHY D  
 Online class.

## EVENING CLASSES

**ENGL 098 COLLEGE READY ENGLISH I**  
 ▼ 2660 N 5 MTWTh 5:15p.m.-6:40p.m. MAN 205 MOIR D  
**ENGL 099 COLLEGE READY ENGLISH II**  
 ▼ 2690 N 5 MTWTh 5:15p.m.-6:40p.m. MAN 205 MOIR D

## Fire Science

**FISC 101 INTRODUCTION TO FIRE PROTECTION**  
 ▼ 3495 A 3 MTWTh 1:00p.m.-2:50p.m. DTV 202 MACK B  
**FISC 105 FUND OF FIRE PREVENTION**  
 ▼ 3500 A 3 MTWTh 10:00a.m.-11:50a.m. DTV 202 MACK B  
**FISC 109 FIRE SERVICE SAFETY**  
 ▼ 3505 A 3 MTWTh 8:00a.m.-9:50a.m. DTV 214 MACK B

## High School Completion

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

<b>HSC 085</b>	<b>HEALTH</b>	<b>3655</b>
<b>HSC 086</b>	<b>INTRODUCTION TO LITERATURE</b>	<b>3660</b>
<b>HSC 087</b>	<b>LIT:CREATIVE NON-FICTION</b>	<b>3665</b>
<b>HSC 088</b>	<b>INTRODUCTION TO WRITING</b>	<b>3670</b>
<b>HSC 089</b>	<b>GRAMMAR AND PUNCTUATION</b>	<b>3675</b>
<b>HSC 090</b>	<b>PHYSICAL GEOGRAPHY</b>	<b>3680</b>
<b>HSC 091</b>	<b>PHYSICAL ECOLOGY</b>	<b>3685</b>
<b>HSC 092</b>	<b>US GOVERNMENT</b>	<b>3690</b>
<b>HSC 093</b>	<b>US HISTORY I</b>	<b>3695</b>
<b>HSC 094</b>	<b>US HISTORY II</b>	<b>3700</b>
<b>HSC 095</b>	<b>WASHINGTON STATE HISTORY</b>	<b>3705</b>
<b>HSC 096</b>	<b>CONTEMPORARY WORLD PROBLEMS</b>	<b>3710</b>
<b>HSC 097</b>	<b>CONSUMER FINANCE</b>	<b>3715</b>

## History

**HIST&127 WORLD CIVILIZATION II:DIV** SS,D  
 ▼ 3585 DE 5 ARR ARR SHAH C  
 Online class.

**HIST& 136 US HISTORY 1** SS  
 ▼ 3590 DE 5 ARR ARR AUSTIN K  
 Online class.

## Health

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

**HLTH 100 OCCUPATIONAL SAFETY AND HEALTH**  
 3595 A 3 FSa 8:00a.m.-4:00p.m. DTV 202 JOHNSON B  
 This class meets July 10, July 11, July 17 and July 18 from 8:00 a.m. to 4:00 p.m. in DTV 202.  
 3600 B 3 TTh 9:15a.m.-10:55a.m. DTV 202 JOHNSON B  
 ▼ 3610 HB 3 ARR ARR DTV 202 JOHNSON B  
 Orientation will be online. Check your CANVAS account for information. The 1st Aid CPR training will be on Monday, July 6 from 8:00 a.m. 5:00 p.m. in DTV 202. Hybrid class; partly online.

## Human Development

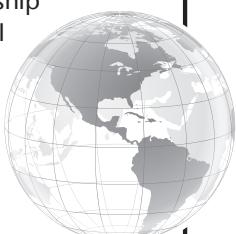
**HDEV 101 CAREER PLANNING**  
 3555 A 2 MW 2:00p.m.-3:20p.m. MAN 148 HOUGE J  
**HDEV 120 INDIVIDUAL AND GROUP RELATIONS**  
 3560 A 1-2 ARR ARR HOUGE J

## Humanities

**HUM 104 ETHICS AND CULTURAL VALUES:DIV** D,H  
 3725 A 5 MTWTh 1:50p.m.-3:15p.m. MAN 145 LEACH M  
**HUM& 117 HUMANITIES II** H  
 ▼ 3730 DE 5 ARR ARR LEACH M  
 Online class.

## Host an International Student!

If you have a spare room and an open heart, you can provide a home away from home for an international student in our community. As a host, you'll provide room & board and friendship for a student studying at LCC. You'll learn about different cultures while sharing a slice of your American life. Host families come in all shapes and sizes and receive a monthly stipend. For more information, visit [lowercolumbia.edu/international](http://lowercolumbia.edu/international) or email [international@lowercolumbia.edu](mailto:international@lowercolumbia.edu)



## 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](mailto:dtrimble@lowercolumbia.edu)

### ICP 299 INDEPENDENT STUDY

3745 A 1-10 ARR STAFF

## Machine Trades

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

### MASP 107 MACHINING RELATED OCCUPATIONS

4060 A 1-6 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

### MASP 111 MACHINE SHOP I

4065 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

### MASP 112 MACHINE SHOP II

4070 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

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

### MASP 113 MACHINE SHOP III

4075 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

Prerequisite: 10 credits of MASP 112.

### MASP 114 MACHINE SHOP IV

4080 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

Prerequisite: 10 credits of MASP 113.

### MASP 204 CNC MACHINING CENTER FUNDAMENTALS

4085 MK 3 ARR ARR STAFF

This section is self-paced. See instructor.

### MASP 205 CNC TURNING CENTER FUNDAMENTALS

4090 MK 3 ARR ARR STAFF

This section is self-paced. See instructor.

### MASP 221 CNC MILLING

4095 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

Prerequisite: MASP 204.

### MASP 222 CNC TURNING

4100 A 1-10 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

Prerequisite: MASP 205

### MASP 223 ADVANCED CNC PROCESSES

4105 A 1-6 MTWTh 7:30a.m.-12:30p.m. VOC 114 STAFF

### MASP 299 INDEPENDENT STUDY

4110 MM 2 ARR ARR STAFF

## Mathematics (See also: Math Achievement Center)

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

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

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

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

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

### Pre-College Math

#### MATH 050 REVIEW MATH-WHOLE NUMBER

4120 A 1 MTWTh 9:20a.m.-11:05a.m. VOC 112 BYKER B  
Start Date: 07/06/15 End Date: 07/23/15

#### MATH 078 PRE-COLLEGE MATH I

4121 A 3 MTWTh 9:20a.m.-11:05a.m. VOC 112 BYKER B  
Start Date: 07/25/15 End Date: 08/20/15

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

4135 and 4136 B MTWTh 1:10p.m.-2:55p.m. MAN 233 BABBICK L  
4140 and 4141 C MTWTh 9:20a.m.-11:05a.m. PSC 104 BABBICK L

#### MATH 088 PRE-COLLEGE MATH II

4185 F 3 MTWTh 9:20a.m.-10:20a.m. AAR 102 SKEIE M  
Start Date: 07/06/15 End Date: 08/20/15

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

4190 and 4191 G MTWTh 7:25a.m.-9:10a.m. AAR 102 SKEIE M  
Start Date: 07/06/15 End Date: 08/20/15

#### 4180 and 4181 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](mailto:helpdesk@lowercolumbia.mylabsplus.com)

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

4230 and 4231 J MTWTh 11:15a.m.-1:00p.m. MAN 145 STETZER J  
Start Date: 07/06/15 End Date: 08/20/15

#### 4220 and 4221 DE ARR 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](mailto:helpdesk@lowercolumbia.mylabsplus.com)

#### MATH 099 PRE-COLLEGE MATH III

4250 K 2 MTWTh 1:10p.m.-2:10p.m. MAN 235 STETZER J  
Start Date: 07/06/15 End Date: 07/30/15

# 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 — SUMMER 2015

AH 104	Healthcare Foundations	ENGL& 102	Composition II
AH 114	Healthcare Communication Skills	HIST& 127	World Civilization II:DIV
ART& 100	Art Appreciation:DIV	HIST& 136	US History 1
BIOL& 160	General Biology	HUM& 117	Humanities II
BIOL& 241	Human A & P 1 w/lab	*MATH 088	Pre-College Math II
BIOL& 242	Human A & P 2 w/lab	*MATH 089	Pre-College Math II
BTEC 181	Medical Terminology I	*MATH 098	Pre-College Math III
BTEC 182	Medical Terminology II	*MATH 099	Pre-College Math III
BUS 144	Management/Human Relations:DIV	MATH& 107	Math in Society
BUS 150	Customer Service/ Management:DIV	MEDA 205	Certification Review for Medical Assisting
BUS& 101	Introduction to Business	MUSC 119	American Music:DIV
BUS& 201	Business Law	NUTR& 101	Nutrition
CHEM& 110	Chemical Concepts w/lab	OCEA& 101	Introduction to Oceanography
COLL 101	First Year Seminar I	PHED 152	Personalized Fitness
CS 110	Microcomputer Applications	PHED 252	Personalized Fitness
CS 121	Introduction to Spreadsheets:Excel	POLS& 202	American Government
ECED& 100	Child Care Basics	PSYC& 100	General Psychology
ECED 186	Growth & Socialization	PSYC& 200	Lifespan Psychology
ECED& 105	Introduction Early Child Education	SOC& 101	Introduction to Sociology:DIV
ECED& 134	Family Child Care	*SPAN& 121	Spanish I:DIV
ECON 105	Introduction to Economics	*SPAN& 122	Spanish II:DIV
ECON& 201	Micro Economics	*SPAN& 123	Spanish III:DIV
ENGL 098	College Ready English I	*SPAN& 221	Spanish IV
ENGL 099	College Ready English II	*SPAN& 222	Spanish V
ENGL 204	The Novel:DIV	*SPAN& 223	Spanish VI
ENGL& 101	English Composition I	<small>*These courses do not use Canvas</small>	

### 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, July 7 10-11 a.m. AAR 108  
 Wednesday, July 8 5- 6 p.m. AAR 108  
 Thursday, July 9 1- 2 p.m. AAR 108

### Canvas Bootcamp

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

Wednesday, July 1  
 10 a.m.-12 p.m.

*Bootcamp is free.*



# LCC Students Receive Statewide Recognition

There is a lot of talent at LCC. Two of our standout students—**Angela Gates** and **Ben Soleim**—received statewide recognition in 2015 at different award ceremonies.

## Transforming Lives Winner Angela Gates

The Washington Trustees Association of Community and Technical Colleges' Transforming Lives Award recognizes current and former students whose lives were changed by attending a community or technical college. Out of the 34 college nominees each year, five are selected to speak at the awards ceremony and receive a cash award.

LCC's 2015 nominee, nursing student **Angela Gates**, was selected as one of the state's top five winners. Angela has overcome significant challenges in her life, first as a child and later as a single mother to four daughters. Angela's plans include continuing on to receive a Bachelor of Science in Nursing after she completes her Associate Degree in Nursing. While at LCC Angela served as president of the Global Medical Brigades, and participated in medical missions to both Honduras and Nicaragua. She credits the environment at LCC for her success:

“The Advising and Nursing staff has helped with my self-esteem and confidence and I believe that I am capable of achieving anything, which I wasn’t 100% sure about when I started this journey. My success has everything to do with coming to Lower Columbia College and being accepted, for who I am. I know I am in charge of my future.”

-Angela Gates



*Angela Gates*

## All-Washington Academic Team Nominee Ben Soleim

Each of the community and technical colleges in the Washington system has an opportunity to nominate up to two students for the national All USA Community College Academic Team, organized by the Phi Theta Kappa honor society. Washington's nominees are referred to as the All-Washington Academic Team. Nominees receive a sponsored scholarship and are typically considered for many more as well.

LCC's 2015 All-Washington Academic Team nominee is **Ben Soleim**. Ben was born into a large family in Longview, WA. After graduating from high school in 2007, Ben moved overseas. He spent six months in Australia studying Worldview and Community Development at the University of the Nations. He worked in community development for an additional six months in China, Thailand, Malaysia and Indonesia. Ben returned home to serve as a youth pastor from 2008 to 2013. He plans including transferring to a four-year university to major in sports journalism.

In the future, Ben hopes to use his love of sports as a platform for affecting change in the world. During his travels, he found sports to be an “international language” that has the ability to transcend both cultural and ideological barriers. As our march toward globalization continues, Ben feels it is important to find opportunities—such as through a shared interest in sports—to form communities and engage in productive dialogue about peace.



*Ben Soleim*



## 2015 Alumni of the Year: The Honorable Sid Snyder

Sidney R. (Sid) Snyder, Democrat and former Washington State Senate Majority Leader whose career spanned 54 years, was the son of a Kelso barber. After graduating from Kelso High School, Sid went on to serve in the Army Air Corps and attend Lower Columbia College.

After moving to Long Beach in 1946, he opened Sid's Market. In 1949, he was hired as an elevator operator for the House of Representatives at the state Capitol in Olympia. He quickly moved to the position of Bill Room Supervisor, and later spent 12 years as Assistant Chief Clerk of the House of Representatives. Snyder also served as Secretary of the Senate for 19 years.

In 1990, Snyder was elected to the Washington State Senate where he served as Caucus Chair during his freshman term. He eventually became Senate Majority Leader.

Senator Snyder was awarded many honors in his long legislative career, including the Excellence in State Legislative Leadership Award in 2002.

In addition to his political service, Sid was a founding member of the Bank of the Pacific, established on the Long Beach Peninsula in 1971. He served as Chairman of the Board for 25 years. He was also a charter member of the Long Beach Lions Club and served on the boards of many businesses and organizations.

Course # Course Name

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

**College-Level Math****MATH 106 INDUSTRIAL MATHEMATICS**4260 A 5 MTWTh 11:15a.m.-1:00p.m. VOC 112  
Start Date: 07/06/15 End Date: 08/20/15

BYKER B

**MATH & 107 MATH IN SOCIETY**▼ 4295 DE 5 ARR ARR  
Prerequisite: MATH 099 with a grade of C or better.  
Online class.  
Start Date: 07/06/15 End Date: 08/20/15

NS

BENJAMIN B

**MATH & 141 PRECALCULUS I**4300 A 5 MTWTh 9:20a.m.-11:05a.m.  
Start Date: 07/06/15 End Date: 08/20/15

NS

MORRISON D

**MATH & 142 PRECALCULUS II**4305 A 5 MTWTh 11:15a.m.-1:00p.m.  
Start Date: 07/06/15 End Date: 08/20/15

NS

MORRISON D

**MATH & 153 CALCULUS III**4310 A 5 MTWTh 9:20a.m.-11:05a.m.  
Start Date: 07/06/15 End Date: 08/20/15

NS

CALHOON B

**MATH 210 ELEMENTS OF STATISTICS**

4280 A 5 MTWTh 7:25a.m.-9:10a.m.

NS

MAN 234

HEBERT M

Start Date: 07/06/15 End Date: 08/20/15

4285 B 5 MTWTh 9:20a.m.-11:05a.m.

NS

MAN 234

HEBERT M

Start Date: 07/06/15 End Date: 08/20/15

# MATH BOOT CAMP

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

Best of all, it's FREE!

At the boot camp you will:

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

Sign up at the Testing Office located in the Admissions Center. Call for more information 360.442.2353

### Summer Dates:

**June 10  
5-8 p.m.**

**June 23-24  
9 a.m.-12 p.m.**

**Registration Required**



## 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**

4125 P 1 MTWTh ARR

MAN 127

STAFF

**MATH 078 PRE-COLLEGE MATH I**

4145 P 3 MTWTh ARR

MAN 127

STAFF

**MATH 079 PRE-COLLEGE MATH I**

4170 P 2 MTWTh ARR

MAN 127

STAFF

**MATH 088 PRE-COLLEGE MATH II**

4195 P 3 MTWTh ARR

MAN 127

STAFF

**MATH 089 PRE-COLLEGE MATH II**

4215 P 2 MTWTh ARR

MAN 127

STAFF

**MATH 098 PRE-COLLEGE MATH III**

4235 P 3 MTWTh ARR

MAN 127

STAFF

**MATH 099 PRE-COLLEGE MATH III**

4255 P 2 MTWTh ARR

MAN 127

STAFF

## Medical Assisting

**MEDA 101 MEDICAL VOCABULARY I**

▼ 4315 A 3 MW 1:00p.m.-2:45p.m.

HSB 244

ENGEL E

Start Date: 07/06/15 End Date: 08/20/15

**MEDA 190 MEDICAL ASSISTING PRECEP**

▼ 4320 A 5 ARR ARR

OC

ENGEL E

Lab Fee: \$17.50

Start Date: 07/06/15 End Date: 08/20/15

**MEDA 195 MEDICAL ASSISTING SEMINAR**

▼ 4325 A 1 T 2:00p.m.-3:15p.m.

HSB 244

ENGEL E

Hybrid class; partly online.

Start Date: 07/06/15 End Date: 08/20/15

## Music

**MUSC 105 MUSIC APPRECIATION**

4355 A 5 MW 10:35a.m.-1:25p.m.

RCA 220

CHALLED G

**MUSC 119 AMERICAN MUSIC:DIV**

▼ 4365 DE 5 ARR ARR

D,H

NORWOOD K

Online class.

**MUSC 121 BEGINNING GUITAR**

4370 A 2 T 2:30p.m.-4:50p.m.

RCA 102

HARBAUGH K

## Course # Course Name

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

**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.

**NURS 090 NURSING ASSISTANT - LAB**

▼ 4380 A 8 ARR ARR HSB 249 MACLAREN A  
Please call Bev Ylen at 360.442.2860 for enrollment information.  
Lab Fee: \$66.60

**EVENING CLASSES****NURS 090 NURSING ASSISTANT - LAB**

▼ 4410 NA 8 ARR 4:30p.m.-9:30p.m. OC LANDON C  
Instructor permission required to enroll.  
Lab Fee: \$66.60

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

▼ 4475 A 5 Th 10:35a.m.-1:25p.m. GYM 212 NS KEPLER C  
Hybrid class; partly online.  
▼ 4480 DE 5 ARR ROSS E  
Online class.  
▼ 4485 DE1 5 ARR ROSS E  
Online class.

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

▼ 4490 DE 5 ARR ARR NSL KHANDRO L  
Online class.  
Lab Fee: \$10.80

**Physical Education**

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

**PHED 105 BEGINNING PILATES & YOGA** A  
4515 A 1 TTh 9:15a.m.-10:20a.m. GYM 210 SKERBECK C

**PHED 127 ZUMBA I** A  
4530 A 1 MW 9:15a.m.-10:20a.m. GYM 210 DAVIS TL

**PHED 128 WEIGHT TRAINING** A  
▼ 4535 A 1- 2 TTh 2:00p.m.-3:00p.m. GYM SANCHEZ E

Hybrid class; partly online.

**PHED 152 PERSONALIZED FITNESS** A  
▼ 4550 DE 1- 2 ARR ARR ROSS E

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

▼ 4555 DE1 1- 2 ARR ARR ROSS E

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

**PHED 205 INTERM PILATES & YOGA** A  
4560 A 1 TTh 9:15a.m.-10:20a.m. GYM 210 SKERBECK C

**PHED 227 ZUMBA II** A  
4565 A 1 MW 9:15a.m.-10:20a.m. GYM 210 DAVIS TL

**PHED 228 WEIGHT TRAINING** A  
▼ 4570 A 1- 2 TTh 2:00p.m.-3:00p.m. GYM SANCHEZ E

Hybrid class; partly online.

**PHED 252 PERSONALIZED FITNESS** A  
▼ 4580 DE 1- 2 ARR ARR ROSS E

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

▼ 4585 DE1 1- 2 ARR ARR ROSS E

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

**Political Science**

**POLS& 202 AMERICAN GOVERNMENT** SS

▼ 4605 DE 5 ARR ARR CASCADDAN D  
Online class.

**Psychology**

**PSYC& 100 GENERAL PSYCHOLOGY** SS

▼ 4620 A 5 MTWTH 9:00a.m.-10:25a.m. MAN 235 WEAVER N  
▼ 4630 DE 5 ARR ARR TUCKER J

Online class.

**PSYC& 200 LIFESPAN PSYCHOLOGY** SS

▼ 4655 DE 5 ARR ARR WORLEY M  
Online class.

**EVENING CLASSES**

**PSYC& 100 GENERAL PSYCHOLOGY** SS  
4640 N 5 MW 5:00p.m.-8:00p.m. MAN 145 STAFF

Course # Course Name

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

## Welding Technology

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

**WELD 105 RELATED WELDING I**

4875 A	1- 6	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4880 B	1- 6	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 151 INTRODUCTION TO OXY ACETYLENE**

4885 A	1- 6	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4890 B	1- 6	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 152 INTRODUCTION TO ARC WELDING**

4895 A	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4900 B	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 221 WIRE MACHINE**

4905 A	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4910 B	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 222 ADVANCED WIRE MACHINE**

4915 A	6	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4920 B	6	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 254 ARC WELDING**

4925 A	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4930 B	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 255 ADVANCED WELDING PROCESSES**

4935 A	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4940 B	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 256 ADVANCED WELDING APPLICATION**

4945 A	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	EVALD A
4950 B	1-10	MTWTh	7:30a.m.-12:30p.m.	VOC 161	MILLER R

**WELD 299 INDEPENDENT STUDY**

4965 A	1-10	ARR	ARR	EVALD A
4970 B	1-10	ARR	ARR	MILLER R
4975 C	1-10	ARR	ARR	EVALD A

## Speech

**SPCH 110 INTRODUCTION TO PUBLIC SPEAKING**

4750 A	5	MTW	8:30a.m.-10:25a.m.	MAN 147	NEILL S
4755 B	5	MTW	10:35a.m.-12:30p.m.	MAN 147	NEILL S
4760 C	5	MTW	1:00p.m.-2:55p.m.	MAN 205	NEILL S

**SPCH 114 SMALL GROUP COMMUNICATION**

4765 A	5	MW	8:00a.m.-11:25a.m.	MAN 119	SCHULTZ L
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## Technology

**TECH 100 ADVANCED PRINCIPLES OF TECHNOLOGY**

4785 A	5	MTW	12:45p.m.-2:40p.m.	VOC 115	NSA
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4785 A	5	MTW	12:45p.m.-2:40p.m.	VOC 115	NSA
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4785 A	5	MTW	12:45p.m.-2:40p.m.	VOC 115	NSA
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4785 A	5	MTW	12:45p.m.-2:40p.m.	VOC 115	NSA
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# Did You Know? ?

- **3.18** is the average GPA of LCC transfer students attending Washington public universities
- **81%** of LCC Professional-Technical Graduates are employed in less than one year
- Associate degree holders earn **19%** more on average than high school graduates
- **Over \$18 million** in Financial Aid awarded in 2013-14
- **Over \$500,000** in LCC scholarships available



## **Thousands of jobs in Washington are unfilled due to lack of skilled workers.**

80% of the critical, but unfilled, jobs in today's economy are in STEM\* and Health Care—and the gap is widening by 5,000 jobs a year

*2013 report from the Boston Consulting Group and the Washington Roundtable on jobs in Washington State.*

*\*Science, Technology, Engineering, Math*

## **We're all about Student Success!**

The LCC Student Success Fund helps students who are most at risk for abandoning their higher education goals due to financial hardship. The fund helps with:

- Tuition not covered by other aid
- Textbook expenses
- Testing Fees
- Emergency childcare expenses
- Emergency transportation

Make a difference with your corporate support or individual donation to the LCC Foundation's Student Success Fund.

To support the Student Success Fund contact  
[foundation@lowercolumbia.edu](mailto:foundation@lowercolumbia.edu)



LOWER COLUMBIA COLLEGE

*The Smart Choice!*

LCC is an equal opportunity institution.



## Adult Basic Education

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

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

### Longview ABE Classes

#### Lower Columbia College

(15th Ave., Vocational Building)

Daily	8:30 a.m.-9:20 a.m. 9:30 a.m.-10:20 a.m. 10:30 a.m.-11:20 a.m. 11:30 a.m.-12:20 p.m. 12:30 p.m.-1:20 p.m. 1:30 p.m.-2:20 p.m. 2:30 p.m.-3:20 p.m. 3:30 p.m.-5:10 p.m.
Mon–Thurs	5:30 p.m.-9:05 p.m.

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

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

Mon–Thurs 11:30 a.m.-2:00 p.m.

Mon–Thurs 6:00 p.m.-8:45 p.m.

#### Goodwill (15th Avenue)

Tues–Thurs 12:30 p.m.-2:10 p.m.

### Woodland ABE Classes

#### Woodland Middle School

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

### I-BEST Job Training

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

See page 8.

### High School 21+

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

## English as a Second Language

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

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

### Longview ESL Classes

#### Lower Columbia College

(15th Ave., Vocational Building)

Daily	8:30 a.m.-9:20 a.m. 9:30 a.m.-11:10 p.m.
Mon–Thurs	5:30 p.m.-9:10 p.m.

### Woodland ESL Classes

#### Woodland Middle School

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

## LCC Offers New High School Diploma Program For Adults

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

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

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

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

LCC began offering the HS21+ program in Summer 2013. Since then, over 180 students have completed studies to graduate with their high school diploma. Even better, many graduates have continued on to college studies.



# CONTINUING EDUCATION

Continuing Education at Lower Columbia College assists individuals and employers to meet their personal and professional education and training needs by offering non-credit classes to the community. These classes are offered both on-site and online, to accommodate the needs of our students.



## Kids College 2015

The Continuing Education department at Lower Columbia College is excited to once again offer Kids College! Kids College 2015 will be a terrific opportunity for children ages 8-12 to have fun, engage in educational and entertaining activities, and make new friends. All classes are held on the LCC Campus.

All sessions will run Monday-Thursday with four classes to choose from: Hawaiian Culture, Writing, Art and Science. Register for one or all four sessions, but space is limited so don't delay! **If you register siblings or you register for 2 or more classes, be sure to ask about our \$10 savings!**

### Got STEM?

What is STEM? Science, Technology, Engineering and Math! Children are curious, they want to learn and be inspired. In our Got STEM? class, students will be able to participate in a variety of STEM related activities, such as Gummi Bear Launch, Hovercraft Hijinks, and Newspaper Seed Pots. They will get hands-on learning in concepts such as, projectile motions, math calculating, frictionless motion and more. DTV 201 (Clark) \$59

CLCE 025 A 8135

7/6-7/9

10 a.m.-12 p.m.

### Art in the Making

The focus of this session will be to provide an appreciation for creativity through the execution of several finished pieces of art. Through the use of a variety of methods, such as paint, mask making and collage, students will have the opportunity to create interesting and personal works of art and to appreciate the importance of properly handling and preserving art objects. The last day of this session will include a collaborative project where the class develops a work of art together! DTV 201 (Wade) \$59

CLCE 025 C 8145

7/20-7/23

10 a.m.-12 p.m.



### Creative Writing

In this class we will focus on the process of creative writing through different activities. Creative writing forces students to use their imagination in ways that make them more aware of and question their surroundings. It requires us to look at all sides of a story, not just one perspective. We will use our creative writing skills in activities such as Stamp Story, Comic Strip, Story in a Bag and Team Writing. Our weeks' worth of activities will come home as a completed book! DTV 201 (Curry) \$59

CLCE 025 E 8155

8/3-8/6

10 a.m.-12 p.m.

### Hawaiian Hula!

When you think of Hawaii, do you think volcanoes and beaches? Hawaiian culture is full of fascinating customs, music, legends and of course the hula! Discover something new about Hawaii, did you know early Hawaiians were expert canoe builders and could navigate the seas without navigating tools? This class will introduce you to Hawaiian language and music, as well as the Hula, a dance that tells a story through movement and music. This class is not to be missed! DTV 201 (Denman) \$59

CLCE 025 G 8165

8/10-8/13

10 a.m.-12 p.m.

## Business & Professional Development

LCC offers a variety of services supporting workforce development and customized training through the Workforce & Continuing Education Department. Working with area businesses, industries and agencies, LCC offers 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.

### **Mental Health First Aid Training-NEW**

Just as CPR helps you assist an individual having a heart attack, even if you have no clinical training, Mental Health First Aid helps you assist someone experiencing a mental health related crisis. In the Mental Health First Aid course, you learn risk factor and warning signs for mental health and addiction concerns, strategies for how to help someone in both crisis and non-crisis situations, and where to turn for help. You will learn the mental health literacy, or basic understanding of what different mental illnesses and addiction are and how they affect a person's daily life. They include, depression and mood disorders, anxiety disorders, trauma, psychosis and substance use disorders and the appropriate interventions.

The 8-hour Mental Health First Aid course helps participants not only gain confidence in their capacity to approach and offer assistance to others, but also to improve their personal mental health. Due to a grant funded project, sessions are being offered at no-charge.

**Training Sessions:** All trainings are held in Don Tally Building, Room 201, 8:30 a.m.-5 p.m.

- **Thursday, June 25**
- **Thursday, July 16**
- **Thursday, August 20** (Youth Session, training is designed to identify the warning signs in Youth)
- **Thursday, August 27** (Youth Session)
- **Friday, September 11**



For more information regarding the Mental Health First Aid training course, please contact Hahli Clark at 360.442.2611, [hclark@lowercolumbia.edu](mailto:hclark@lowercolumbia.edu) or Leeann Curry at 360.442.2840, [lcurry@lowercolumbia.edu](mailto:lcurry@lowercolumbia.edu)

*See page 28 for additional Business and Professional Development opportunities.*

## Travel & Outdoors

### **McMinnville, "Oregon's Favorite Main Street"-NEW**

McMinnville has so much to offer for a day of exploration. Incorporated in 1876, the town is rich with history and small town charisma. View McMinnville's public art collection throughout town or visit a local tasting room for a wine "flight". Perhaps you'll enjoy shopping in charming boutiques along Main Street and treating yourself to lunch at one of the 20 restaurants within a span of just a few blocks. Sit back, relax and let us do the driving! (Staff) \$30

CLCE 038 A 8550 Saturday 7/18 9 a.m.-4 p.m.



### **Manzanita, A Day at the Beach-NEW**

This beautiful ocean side village boasts seven miles of sandy beach and has the third most photographed scenery in Oregon. A gem on the coast, Manzanita has so much to offer visitors. Wine tasting, boutique shopping and beautiful long walks on the beach are just a sampling of how you could spend your day! Let us do the driving and you do the relaxing as we spend the day in Manzanita! (Staff) \$30

CLCE 035 B 8555 Saturday 8/8 9 a.m.-4 p.m.

### **Columbia River Maritime Museum-NEW**

Founded in 1962, the Columbia River Maritime Museum has been designated the official state maritime museum of Oregon. Six galleries, a Great Hall, and the Lightship Columbia give visitors a real look into maritime history. Take a day and visit the Columbia River Maritime Museum and surrounding Astoria. Ride the newly restored trolley along Astoria's waterfront, you may even see seals and sea lions! Visit all that Astoria has to offer while we do the driving! (Staff) \$30 (includes admission into museum)

CLCE 035 C 8560 Saturday 8/29 9 a.m.-4 p.m.

## Art & Culture

### Recycled Art

This class will investigate and create art made from previously used material. Discover treasures from a variety of sources to re-purpose into a wide range of visual and practical elements. Students will be exposed to sources of materials, ideas for transforming those materials into objects of art, and methods of construction. Get in on the nation-wide movement of green consciousness by keeping things from being disposed of through creative reuse. (Wade) \$75

CLCE 018 A 8085 T 7/7-8/18 5-7 p.m.

### Mask Making

Discover a unique and personalized way to produce Paper Mache masks using unconventional techniques. The possibilities are endless for creating masks for any purpose; from festive style, to intriguing decorative wall hanging pieces, and creative school projects. The method used produces a light weight structure that is comfortable and form fitted. MAN 109 (Wade) \$75

CLCE 018 B 8090 TH 7/9-8/20 5-7 p.m.

## Health & Wellness

### Outdoors with Essential Oils-NEW

It's almost that time, the creepy crawlies of summer will soon be here! Do you hate the smell of traditional "bug be gone" or the way your skin reacts? In Outdoors with Essential Oils we'll be learning about natural solutions for summer, using essentials oils to keep bugs off of people, plants and animals. We'll also provide tips for preparing for road trips and camping and learn to make an all-natural sunscreen and cooling spray! With the use of essential oils you can keep your family trip fun and on schedule! (Bejcek) \$15, plus \$6 supply fee, payable to instructor night of class. *Optional book purchase, Essentials of the Earth, \$13*

CLCE 027 B 8186 W 7/8 5-7 p.m.



## About Continuing Education

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

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

- Sign up online at [lowercolumbia.edu/ce](http://lowercolumbia.edu/ce)
- OR call 360.442.2840 or 360.442.2600 to sign up over the phone with a Visa or a MasterCard. If we are away from the phone, please leave your name and return phone number on our voicemail and we will call you back.
- OR fill out the form on page 29 and mail it to us with a check, money order, or credit card information
- OR fax the form to 360.442.2609 with credit card info.

### Questions? Call us!

Continuing Education, 360.442.2600  
 Business & Workforce Training, 360.442.2601  
 Community Education, 360.442.2840  
 Caregiving, 360.442.2602

### Refund Policy:

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

### Continuing Education Online:

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

#### ED2GO –

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

The Ed2go online instruction center is the leader in online learning for adults, providing quality online continuing education courses geared for you! These 6-week, highly interactive classes start the third Wednesday of each month. Most require only Internet access and an email account.

Choose from Career & Professional, Computers & Technology, Personal Development, Writing & Publishing, and more!

#### GATLIN EDUCATION SERVICES

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

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

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

**Aquatic Fitness**

Did you know that exercising in water makes you feel up to 90 percent lighter, according to the American Council on Exercise? This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. Students in our aquatic fitness program benefit by burning calories, building strength as they work against 12 times the resistance of air, and increasing metabolism. Join Tamara Haulk at the Dick Mealy Pool as she leads you through a variety of exercises to get you moving and feeling great! (Tamara Haulk) \$69 *Class meets daily, Monday-Thursday during the summer.*

CLCE 035 A 8225 M-TH 6/15-7/30 12 p.m.-1 p.m.

**Zumba Fitness**

I've never heard of a party where you can burn 540 calories in an hour, but in Zumba Fitness with Tracy Davis you can! The Zumba workout combines high-energy dance moves with traditional exercises such as lunges, squats and arm curls. Upbeat music like the merengue, salsa and mambo keep the energy high but alternate between slow and fast, keeping you on your toes! Zumba is fun to do and can be a great way to lift your spirits all while getting into shape! GYM 210 (Tracy Davis) \$59

CLCE 030 A 8195 TTH 7/7-8/27 5:30-6:30 p.m.

**Better Bones and Balance**

Wouldn't you love to improve your balance and strength? In our Better Bones and Balance classes with Judy Bain, you will do just that! These classes have been designed to gradually improve balance and strength and significantly slow the rate of bone loss. Our classes are safe for individuals with osteoporosis and osteopenia. Bring a pair of indoor shoes, a mat and hand weights (3, 4, or 5 pounds). Classes meet at Youth and Family Link. (Judy Bain) \$49

CLCE 036 A 8230 MW 7/13-9/2 7-7:50 a.m.

CLCE 036 B 8235 MW 7/13-9/2 8-8:50 a.m.

CLCE 036 C 8240 MW 7/13-9/2 9-9:50 a.m.

**Beginning Better Bones & Balance**

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

CLCE 032 A 8205 MW 7/13-9/2 10-10:50 a.m.

**Basic Better Bones and Balance**

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

CLCE 033 A 8210 MW 7/13-9/2 11-11:50 a.m.

**Pilates Core Challenge**

Pilates is a form of exercise that emphasizes the balanced development of the body through core strength, flexibility and awareness to support a graceful movement. Focusing on 6 principles, your Pilates workout will incorporate centering, control, flow, breath, precision and concentration. As core strength is the corner stone of Pilates, you will develop your core strength and stability throughout your entire torso, helping to create a stronger YOU! GYM 210 (Jayne Poole) \$60

**Session One**

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

**Session Two**

CLCE 034 B 8220 MW 8/10-9/9 5:30-6:30 p.m.  
(No Class 9/7)

**Low Impact Aerobics**

This is a great way to increase stamina, flexibility and cardio endurance. Movements are gentle on the joints and easy to follow. From beginning to advanced levels of intensity, work at your own pace! Classes meet at the Youth and Family Link Gym. (Judy Bain) \$14

CLCE 031 A 8200 TH 7/15-9/3 10:15-11:05 a.m.

**Computers & Technology****Facebook Basics**

Learn the basics of Facebook! We will discuss terminology, effective ways to use Facebook, security and more. We will also look at creating Facebook pages, groups and events. Each class will include tips and tricks for making Facebook user friendly. Don't miss an opportunity to stay connected with friends and family! Please bring a mobile device, tablet or laptop with wireless (internet) capabilities. DTV 201 (Curry) \$29

CLCE 006 A 8025 W 8/12-8/26 3-4 p.m.

**iPhone Basics Series-NEW**

Get to know the functions and features of Apple's iPhone, including how to use iCloud, iTunes, Siri, Maps and the App Store. If you are a new user or you've been using an iPhone for years, you may learn something new in our tips and tricks section of each class. DTV 201 (Curry) \$29

CLCE 008 A 8035 W 7/15-7/29 3-4 p.m.



## Online Learning



Learn More

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

### **Enhancing Language Development in Childhood**

Enrich the lives of your children by learning fun and natural ways to help them become proficient speakers and thinkers. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Ready, Set, Read!**

A learning specialist shows you how to raise a successful reader and writer. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Homeschool with Success**

Discover how to homeschool your children in a way that ensures they get what they need both academically and socially. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Understanding Adolescents**

Uncover the secrets of the adolescent mind. Gain valuable information on how they feel, how their identities develop, and how you can best meet their needs. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Survival Kit for New Teachers**

A veteran instructor shares the secrets for success in your first years of teaching. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Everyday Math**

Become confident in your basic math skills and start using math to your advantage. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Drawing for the Absolute Beginner**

Gain a solid foundation in drawing and become the artist you've always dreamed you could be! Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Introduction to Guitar**

Master basic guitar skills and become the musician you've always wanted to be. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Writing for Children**

A published children's author shows you how to touch the hearts of children by creating books for them. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Introduction to Journaling**

Discover how journaling can help you learn more about yourself, explore your dreams, values, and beliefs, improve your health, survive unwanted change, succeed in your career, and express your creativity. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Travel Writing**

Profit from your experiences in exotic lands (or your own backyard) by learning how to write and sell travel articles and books. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Travel Photography for the Digital Photographer**

Discover the tricks and techniques digital photographers need to capture scenes from around the world and bring them home. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Mastering Digital Photography: Photographing People**

Learn to take beautiful pictures of adults, children, and babies. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Introduction to Photoshop**

Learn how to use Adobe Photoshop to edit and process photos and create original images. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Introduction to Microsoft PowerPoint**

Discover how to use Microsoft PowerPoint to create animated presentations formatted with color, text, pictures shapes, charts, and text, and object hyperlinks. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

### **Introduction to Microsoft Publisher**

Learn how to design professional publications, including newsletters, fliers, and brochures, with Microsoft Publisher. Register at [www.ed2go.com/lccbic](http://www.ed2go.com/lccbic) \$99

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

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

*Call Leeann Curry at 360.442.2840  
for more information!*

## Workforce Training

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

### HVACR Certified Technician

The HVACR Certified Technician program is a unique, all-inclusive online training that encompasses heating, ventilation, air conditioning, and refrigeration. The program is structured to provide an instruction on the skills necessary to installers and technicians who are either new to the industry or planning on expanding their knowledge and skills to advance in the industry. Vouchers to take exams are part of your tuition. 265 Hours. Register at <http://careertraining.ed2go.com/lccbic> \$3795

### Certified Indoor Air Quality Manager

Are you a facility manager, building engineer, or health and safety officer who wants to improve the indoor air quality of your building? Are you properly prepared to handle air quality complaints? Common mistakes can turn a small grievance into a wildfire of speculation and accusation. In this online training and certification program, you'll learn how to diagnose, resolve, and prevent indoor air quality (IAQ) complaints. You'll also establish a comprehensive IAQ plan specific to your buildings. 16 hours. Register at <http://careertraining.ed2go.com/lccbic> \$795

**Visit our Online Career Training Instruction Center  
for a complete catalog of courses at  
<http://careertraining.ed2go.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
- Public Safety
- Law Enforcement, Corrections, & Probation



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

### Flagger Certification

Learn professional flagging techniques and proper work zone set-up in accordance with standards and guidelines of the Federal Manual on Uniform Traffic Control Devices (MUTCD), Washington Modifications to the MUTCD, L & I WAC 296-155-305, and WSDOT State Standard Specifications. Upon successful completion, receive both the Washington State Department of Transportation (WSDOT) and American Traffic Safety Services Association (ATSSA) flagger cards valid for 3 years. Washington State Flagger Certification Card accepted in WA, OR, ID, and MT, ATSSA National Flagger Certification Card accepted in most other states. Fee includes textbook and ID cards. Rich Bunker, Master Instructor, for American Traffic Safety Services Association (ATSSA) \$75

For more information or to register, please contact Mary Harris at 360.442.2602 or [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu). Call or email for a current schedule. Flagger re-certification classes also available.

### Continuing Education for Caregivers

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

### Hope and Help for Depression

M 6/1 8-1:30 p.m.

### Communication for the Care Provider

M 6/1 2-4 p.m.

### Traumatic Brain Injury

T 7/14 8-1:30 p.m.

### Nutrition: Emphasis on Gluten

T 7/14 2-4 p.m.

Please contact [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu) for a current schedule.

### Nurse Delegation

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

### HIV/AIDS Education for Health Care Providers

LCC offers both 4 and 7-hour HIV/AIDS certification that meets Washington Department of Health Professional Licensing requirements. Follow these steps to take your course: register in Admissions, purchase your text in the College Bookstore, and check out the DVDs in the LCC College Library. Complete instructions are included in your text. Contact Mary Harris, 360.442.2602 or [mharris@lowercolumbia.edu](mailto:mharris@lowercolumbia.edu), for additional information.

4 hour HIV/AIDS Certification, register for:

SFTY 046 4665 \$40.00

7 hour HIV/AIDS Certification, register for:

SFTY 045 4660 \$65.00



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

**Phone:** 360.442.2840

Year **2015**

Winter  
Spring

**Summer**  
**Fall**

# Sign up now! Continuing Education

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

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

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

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

## ENROLLMENT INFORMATION

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

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

## How did you hear about this class?

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

Mail your completed form with payment to complete enrollment.

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

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

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

# GENERAL INFORMATION

## ■ ADVISING

New students may contact entry advisors daily through the Entry Center in the Admissions Center. Returning students should contact their advisors through the Entry Center or the LCC Directory at [lcc.ctc.edu/employees](http://lcc.ctc.edu/employees) if they have questions.

360.442.2311

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

## ■ CAREER AND EMPLOYMENT SERVICES

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

360.442.2330

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

## ■ CHILD CARE/PRESCHOOL

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

360.442.2890

## ■ COOPERATIVE EDUCATION

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

## ■ COUNSELING CENTER

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

360.442.2311

## ■ DINING

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

## ■ 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 Summer is May 27. Details on page 7.

360.442.2390

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



## ■ GED TESTING

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

360.442.2353

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

## ■ INSURANCE AVAILABLE TO STUDENTS

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

## ■ LEARNING COMMONS AND LIBRARY

Students have access to research assistance, online research databases, books, reserve items for classes, movies, journals, magazines, and newspapers. Help with topic identification, research, and citations. Open 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)

## ■ VETERAN RESOURCE CORNER

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

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

## ■ WITHDRAWAL

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

## ■ WORKER RETRAINING

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

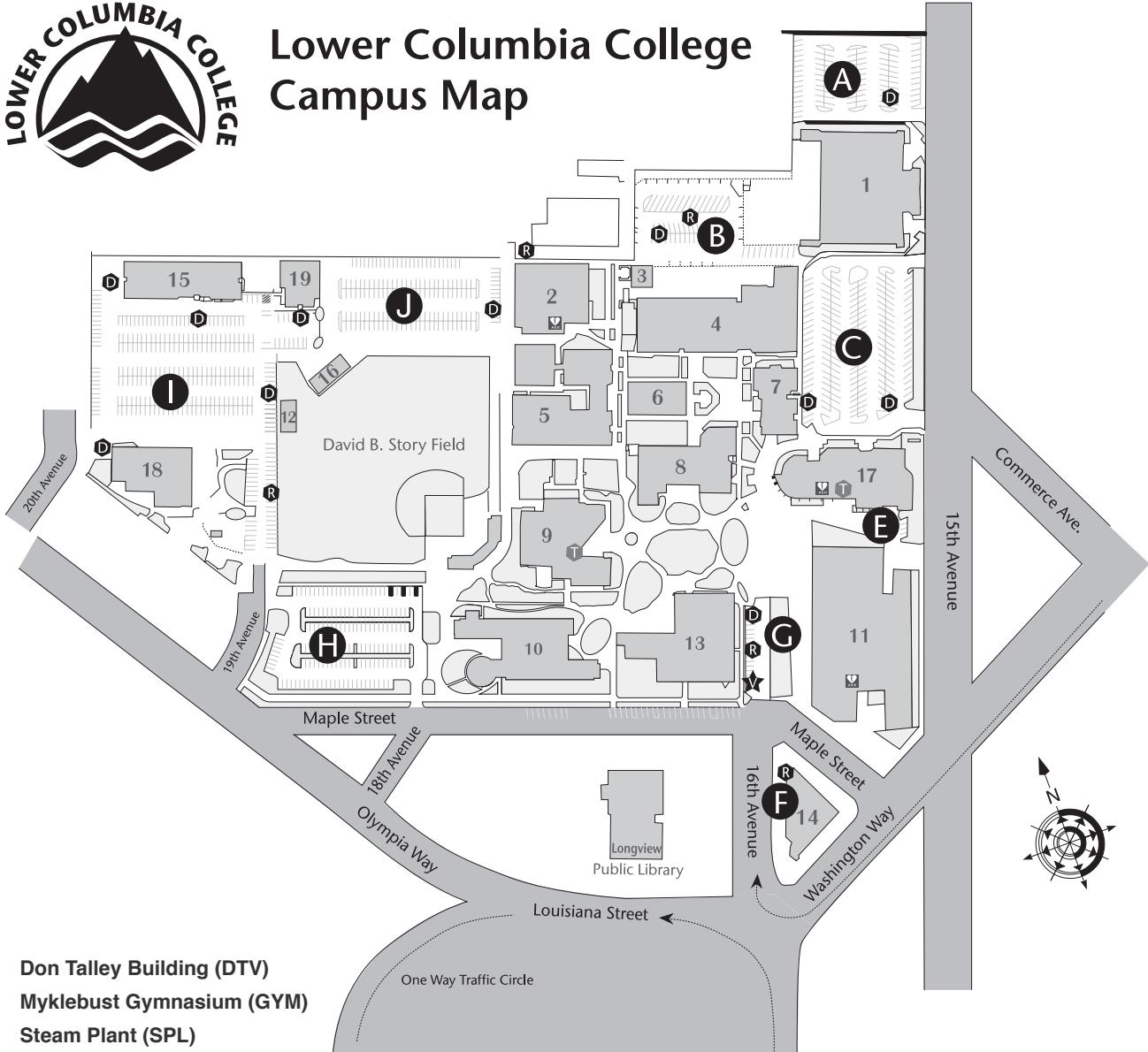
360.442.2330

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



# Lower Columbia College Campus Map

## CAMPUS MAP



1. Don Talley Building (DTV)
2. Myklebust Gymnasium (GYM)
3. Steam Plant (SPL)
4. Vocational Building (VOC)
5. Applied Arts Building (AAR)
6. Science Building (SCI)
7. Physical Science Center (PSC)
8. Admissions Center (ADC)
  - Career Services
  - Cashiers
  - Disability Support Services
  - Financial Aid
  - Registration
  - Testing Center
9. Library- Alan Thompson (LIB)
  - eLearning
  - Regional University Center
  - Tutoring Center
10. Health and Science Building (HSB)
11. Rose Center for the Arts (RCA)
12. International Center (INC)
13. Main Building (MAN)
14. Administration Building (ADM)
15. Head Start/Home & Family Life Center (HFL)
16. Batting Barn (BTB)
17. Student Center (STC)
  - Bookstore
  - Dining
  - Student Activities Office
  - Student IDs/Information
18. Campus Services Building (CMS)
19. Head Start East Building (HSE)

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

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



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

PERIODICALS

**WSS CAR-RT PRESORT  
RESIDENTIAL CUSTOMER**

## **Summer at LCC Saves Time and Money for University and College-Bound Students**

*Enrolling in summer classes at LCC is easy and smart.*

- ✓ University students can save big on tuition costs while taking classes at LCC that transfer and count toward their four-year degree.
- ✓ 2015 high school graduates can get a jump start on college during the summer, saving either time or stress—or both—down the road.
- ✓ At just \$575\* in tuition (resident rate) for a five-credit class, you won't find a better value in higher education today!
- ✓ LCC doesn't hold classes on Fridays in the summer, and at just eight weeks, it's our shortest quarter of the year. Some classes meet for only four to six weeks.
- ✓ Classes start July 6<sup>th</sup>. **Please see page 3** of this schedule and visit [lowercolumbia.edu](http://lowercolumbia.edu) for registration and other important information.

\*figure not final; pending outcome of 2015 legislative session

