LOWER COLUMBIA COLLEGE

The Smart Choice!

FALL 2020 CLASS SCHEDULE

FALL CLASSES BEGIN SEPTEMBER 21

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LCC Office Hours

Regular Hours: Monday—Friday, 8 a.m.—5 p.m.
Registration and Entry Center—
Monday–Friday ............................................. 8 a.m.—5 p.m.
Cashiering—
Monday–Friday ............................................. 8:15 a.m.—4:30 p.m.
(Closed 12:15 p.m. for lunch)
Financial Aid hours are the same as Registration, except
Wednesdays, when staff are only available from 11 a.m. until 2 p.m.

Student staff can provide limited assistance the rest of the day. Limited help hours give professional staff uninterrupted time to process aid requests and do necessary federal and state reporting.

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.

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 "Residential Customer," we are unable to remove individuals from our distribution route. Schedules can be recycled with your newspapers.

Volume 12, No. 4, Fall 2020. LCC Class Schedule (USPS 025-007) is published four times a year (November, February, April, and June) by Lower Columbia College. The Lower Columbia College Office of Effectiveness & College Relations is located at 1600 Maple Street, Longview, WA 98632-0310. Periodicals postage paid at Longview, WA and at additional mailing offices.

POSTMASTER: Send address changes to Lower Columbia College, 1600 Maple Street, Longview, WA 98632-0310.

Equal Opportunity, Affirmative Action, and Reasonable Accommodation

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

The College provides equal opportunity in employment and does not discriminate on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal as required by Title VI of the Civil Rights Act of 1964, Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Sections 504 and 508 of the Rehabilitation Act of 1973, the Americans with Disabilities Act and ADA Amendment Act, the Age Discrimination Act of 1975, the Violence Against Women Reauthorization Act and Washington State’s Law Against Discrimination, Chapter 49.60 RCW and their implementing regulations. The following person has been designated to handle inquiries regarding nondiscrimination, equal opportunity, affirmative action or the ADA policies or for Title IX/504 compliance issues: Director of Human Resources & Legal Affairs, 1600 Maple Street, Longview, WA 98632, Phone number 360.442.2120, Phone number/TTY 800.833.6388.

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

Jeanne Clery Statement: Notice of Availability of Annual Security and Fire Safety Report

In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act of 1998, and as a part of the College’s commitment to safety and security on campus, Lower Columbia College reports the mandated information about current campus policies concerning safety and security issues, the required statistics, and other related information for the past three (3) calendar years. Lower Columbia College’s Annual Security and Fire Safety Report is available online at lowercolumbia.edu/CleryASFR.
LCC technology systems at-a-glance

Canvas
To login: use your ctcLink ID number (also called EMPLID) and ctcLink password.
Canvas is the Learning Management System (LMS) LCC uses to facilitate your online, hybrid and enhanced courses. To deliver content and connect with you, your instructor will use features including:
- Announcements
- Assignments
- Discussion boards
- Quizzes
- Grades
LCC offers a free, fully online orientation course for Canvas and lots of other online help.
Learn more at lowercolumbia.edu/elearning

Google
To login: use your full LCC email (flintstonef@my.lowercolumbia.edu) and LCC password.
Lower Columbia College uses Gmail for student email accounts. With your email account, you also have access to Google Apps for Education including Calendar, Drive, and Groups.
Note: your Gmail account is your official student email account. All official LCC correspondence and campus communication will be sent to this email only. Remember to check it often!
Learn more at lowercolumbia.edu/gmail

Navigate
To login: use your LCC email username (flintstonef) and LCC password.
Navigate Student is a free online tool and mobile app that acts as your personal guide to help you get from application to graduation.
With Navigate you can connect with your advisor, check your to-do list, review important due dates and events, find campus resources, explore careers and majors, and set reminders.
Learn more at lowercolumbia.edu/navigate

ctcLink
To login: use your ctcLink ID number (also called EMPLID) and ctcLink password.
ctcLink is LCC’s operating system, and is where you will conduct many of your basic transactions, including:
- Register for classes
- Review academic progress
- Request what-if reports
- Update personal details
- Manage planner (add or move courses to another term)
- View unofficial transcripts
- Get messages and notifications
- View class and exam schedule
- View your financial aid status
Learn more at lowercolumbia.edu/ctcLink
HOW TO REGISTER

Important dates: Registration for fall quarter opens **June 1** for current (returning) students and **June 8** for new students.

### FIRST STEPS for New Students

- **Apply for Admission – no fee to apply!**
  - Online at lowercolumbia.edu/apply
  - Assistance available at the One-Stop Center, located in the Admissions Center
  - Re-apply after two or more years away
  - Student number provided once you apply

- **Apply for Financial Aid**
  - Fill out financial aid application (FAFSA/WAFSA)
  - Find links in NSO or at lowercolumbia.edu/aid
  - Visit the One-Stop Center, located in the Admissions Center

- **Complete New Student Orientation (NSO)**
  - Attend online at lowercolumbia.edu/nso
  - Get help at the One-Stop Center, located in the Admissions Center

- **Meet with an Advisor**
  - Appointment scheduled once NSO is complete
  - Develop an academic plan
  - Register for classes
  - Take a campus tour

### Current Students

Registration begins June 1 for students who have attended LCC within the last quarter.

1. **Log in to ctcLink** and visit your ctcLink Student Homepage. Find out your earliest registration date/time by clicking on the **Manage Classes** tile. Click on **Enrollment Dates**, located in the menu on the left hand side of the page.

2. **Communicate with your program advisor** to review your academic plan and plan your class schedule. To find your advisor’s information, log in to your ctcLink Student Homepage. Click on the **Academic Progress** tile and navigate to the **Advisors** link, located in the menu on the left hand side of the page.

3. **Register** online or in person at Registration. Students taking more than 18 credits must register in person, when the campus is open.

4. **Pay your tuition and fees** by the deadline listed on the Academic Calendar online. You may pay online with a credit or debit card using the ctcLink Student Homepage, Financial Account Tile or in person, when the campus is open, at the Cashier. Find out more about the delayed tuition payment option at lowercolumbia.edu/payment-plan.

### Non-credit classes:

Continuing Education class listings and registration information begin on page 34.

### Class Full? Get on the Waitlist!

Students may be added to the waitlist through the end of the day, Friday, September 18. If openings occur through the third day of the quarter (September 23), you’ll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

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

**Cashier, the One-Stop Center, Financial Aid, Advising, and Registration are located in the Admissions Center. Questions? Contact the One-Stop Center, onestop@lowercolumbia.edu, phone 360.442.2322 or toll-free 1.866.900.2322.**

### Fall Dates and Deadlines

Veterans/Dependents Priority Registration/Fall ............ May 29
Priority Registration for Fall begins.........................................June 1
Open Registration for Fall begins.........................................June 8
Admission deadline for degree/certificate students ....... August 10
Priority application deadline for Fall financial aid ........ August 10
Fall tuition payment due.................................................. September 11
Last day to be added to a Waitlist......................................... September 18
First day of classes ......................................................... September 21
Last day of online registration.......................................... September 23
Instructor permission required to enroll..................... September 24
Last day for 100% tuition refund.................................. September 25
Last day to withdraw and avoid a “W”......................... October 2
Last day for 50% tuition refund................................ October 9
Last day to apply for Fall graduation.......................... October 21
Veterans Day holiday .................................................... November 11
Last day to withdraw from classes.............................. November 13
Thanksgiving Holidays................................................ November 26-27
Last day of Fall classes................................................ December 4
Fall finals ................................................................. December 8-10
ONLINE & REGISTRATION SERVICES

Go to lowercolumbia.edu/online-services to access the following resources

**Registration**
- Get your registration time
- Get a list of your classes
- Register for classes
- Check waitlist status
- Login to your online schedule

**Payment for College**
- Review payment options
- Set up a payment plan
- Pay tuition and fees online
- Apply for scholarships

**Records & Grades**
- Get your schedule
- Get your grades
- Get your transcript
- Get your tax information

**Student Accounts**
- Get username and password
- Change your password
- Get your quarterly PIN
- Change your Global PIN
- Get your Student ID

FALL FINAL EXAM SCHEDULE (DECEMBER 8-10)

*Use this chart to determine your final exam time. Schedules are online at lowercolumbia.edu/classes/finals.php*

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

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

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

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

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

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

The Washington State Board for Community and Technical Colleges (SBCTC) has legislative authority to set tuition rates. They also set some fees, while other fees are determined at the college level. Basic tuition and fee rates are broken out on a per-credit basis for resident, non-resident, international and veteran students. There are two levels of tuition rates. Lower division rates apply to certificate and associate degree programs. Upper division rates apply to applied bachelor’s degrees only. Additional (miscellaneous) fees are described below the tuition rates.

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

Even if you are not a permanent resident or US Citizen, you may still qualify to pay in state tuition if you have:
• Resided in Washington state for the three (3) years immediately prior to receiving a high school diploma, and completed the full senior year at a Washington high school, OR completed the equivalent of a high school diploma (GED) and resided in Washington state for the three (3) years immediately before receiving the equivalent of the diploma; and
• Continuously resided in the State since earning the high school diploma or its equivalent.

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

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

Non-Resident (Operating Fees Only Waiver)
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.

Non-Resident
Those who are not eligible to pay the “Resident Students,” “Oregon Border County Residents,” or “Non-Resident: Operating Fees Only Waiver” rates, above, pay this rate.

Veterans
Special rates are available for some Veterans. Visit the Veterans’ Office in the Student Center or see lowercolumbia.edu/veterans for details.

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 $1.70 per credit facilities use fee, $3.75 per credit technology fee and applicable lab fees.

For a complete breakout of current tuition and fee rates please visit lowercolumbia.edu/tuition

“An investment in knowledge pays the best interest.”
- Benjamin Franklin
PAYING FOR COLLEGE

Financial Aid
lowercolumbia.edu/financial-aid
There are two different application forms for financial aid. The FAFSA is for U.S. citizens and permanent residents of the U.S. The WAFSA is for people who are ineligible for federal financial aid due to immigration status.

Basic Food, Employment & Training (BFET)
lowercolumbia.edu/bfet
Students who are eligible for federal basic food benefits may be eligible for BFET support.

Opportunity Grant
lowercolumbia.edu/opportunity-grant
Unemployed or underemployed adults seeking a certificate or degree in a high demand career field may be eligible for an Opportunity Grant.

Scholarships
lowercolumbia.edu/scholarships
LCC awards over $250,000 in scholarships every year. All scholarships are different, and many are not dependent on income eligibility. Scholarships cover tuition, student fees, books and supplies. Some scholarships also cover other expenses like transportation or childcare. The scholarship application period is usually open from early February to early April.

Tuition Payment Plan
lowercolumbia.edu/payment-plan
LCC’s payment plan allows you to pay your tuition in smaller, more convenient monthly payments. Once you enroll, payments are charged to your credit/debit card or come out of your bank account automatically.

Veterans’ Services
lowercolumbia.edu/veterans
LCC offers approved educational programs to eligible veterans and dependents of deceased or totally disabled veterans under Title 38 and Title 10, U.S. Code.

Worker Retraining
lowercolumbia.edu/worker-retraining
Worker Retraining is a state-funded program to help dislocated and unemployed workers retrain for a new career.

If you are a veteran who has served in the armed forces and are attending LCC, you are invited to join our Veteran Alliance Organization.

LCC also has a Vet Corps Navigator onsite, as well as a Veterans’ Center on the first floor of the Student Center.

Learn more at lowercolumbia.edu/veterans

Start Next Quarter
Find out if you qualify for special funding!
Take the 10-minute survey at startnextquarter.org to find out if you might qualify for programs that help cover college expenses.

Learn more at startnextquarter.org
STUDENT RESOURCES & SERVICES
Go to lowercolumbia.edu/services to access the following resources

Student Services
• Advising
• Career & Employment
• Cashier
• Childcare
• Counseling
• Disability Support
• Financial Aid
• Food Pantry
• iGrad Money Management

Campus Life
• Online Services
• Payment Plan
• Placement Testing
• Scholarships
• TRIO Student Support
• Veterans Services
• Worker Retraining

Academic Resources
• Academic Calendar
• Computer Labs
• Library/Learning Commons
• Test Proctoring
• Tutoring

Student Services
• Advising
• Career & Employment
• Cashier
• Childcare
• Counseling
• Disability Support
• Financial Aid
• Food Pantry
• iGrad Money Management

Campus Life
• Arts & Entertainment
• Bus Transportation
• Café & Dining
• Campus Activities
• Clubs & Organizations
• Gym & Fitness Center
• Safety & Security
• Student Employment
• Student Government

Need to purchase your textbooks?
The LCC Bookstore makes it easy!

Visit the Bookstore in person. Remember to bring your schedule.
You can also buy online at lowercolumbia.edu/bookstore
(Fall textbooks available online starting Monday, August 10)
For Bookstore hours of operation and book buyback info, please visit our website.
lowercolumbia.edu/bookstore

ONLINE LEARNING @ LCC
Online learning offers flexible scheduling for students with work, family or other responsibilities. LCC uses the Canvas course management system.

Online: students complete all course work via the Internet.

Hybrid: courses blend classroom sessions with online participation and learning.

Enhanced: courses meet in the classroom, but have additional, required online components.

Need help with Canvas?
If your class listings shows this symbol 🗣 you will be using Canvas – LCC’s online learning management system.
Schedule a free one-on-one Canvas help session in the Learning Commons, or call the eLearning office at 360.442.2520 or Tutoring at 360.442.2572.

lowercolumbia.edu/bookstore
Alternative Educational Resources (AER) are print or digital, free or inexpensive alternatives to commercial textbooks. AER include course materials that cost our students less than $50 to use, and include used textbooks and other physical and digital resources. Look for this symbol in this schedule: 

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS &amp; 201</td>
<td>Business Law</td>
</tr>
<tr>
<td>BTEC 131</td>
<td>Microbiology</td>
</tr>
<tr>
<td>BUS 144</td>
<td>Management/Human Relations: Div</td>
</tr>
<tr>
<td>CDS 101</td>
<td>Introduction to Addictions and CD</td>
</tr>
<tr>
<td>CDS 202</td>
<td>Chemical Dependency Counseling with Diverse Populations</td>
</tr>
<tr>
<td>CHEM &amp; 110</td>
<td>Chemical Concepts</td>
</tr>
</tbody>
</table>
Diversity Classes
To earn a degree at LCC, you must pass a 5-credit Cultural Diversity class. These courses meet the requirement.

ACCT—ANTH

Online class.

AH 100
Hybrid class; partially online.

ACCT 244
Hybrid class; partially online.

ACCT& 201

ACCT 101

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

CLASS LISTINGS

Course # Course Name

ACCOUNTING

ACCT 101 INTRODUCTION TO ACCOUNTING CONCEPTS

ACCT 201 PRINCIPLES OF ACCOUNTING I

ACCT 241 INTRO TO QUICKBOOKS

ACCT 244 INDIVIDUAL INCOME TAXATION

American Sign Language

ASL& 132 AMERICAN SIGN LANGUAGE I

BUS 144 Management/Human Relations

CHIN& 122 Chinese II

EDUC& 205 Introduction to Education w/Field Experience

ENGL 140 Intro to Women Writers

初始和符号在班级列表中的含义

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.
SS = Course meets distribution credit in Social Science.
NS = Course meets distribution credit in Natural Science.
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.
W & DE = Course uses the CANVAS learning management system. All courses with this symbol have a fee. All DE sections have a fee of $6.00 per credit, maximum of $60.00. All other W sections have a fee of $3.00 per credit, maximum of $30.00. CANVAS information is on page 8.
( = Course uses Open or Alternative Educational Resources/Textbooks cost less than $50.00
= Course is clustered with other class sections that meet at the same time, in the same classroom.

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change.
# Art & Design

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 100</td>
<td>ART APPRECIATION: DIV</td>
<td>9759 A</td>
<td>3</td>
<td>T</td>
<td>9:00 AM-11:40 AM</td>
<td>MAN 109</td>
<td>M Kohlmeier</td>
<td>H,P</td>
</tr>
<tr>
<td>ART 102</td>
<td>INTERMEDIATE DRAWING</td>
<td>9760 A</td>
<td>3</td>
<td>T</td>
<td>9:00 AM-11:40 AM</td>
<td>MAN 109</td>
<td>M Kohlmeier</td>
<td>H,P</td>
</tr>
<tr>
<td>ART 103</td>
<td>ADVANCED DRAWING</td>
<td>9761 A</td>
<td>3</td>
<td>T</td>
<td>9:00 AM-11:40 AM</td>
<td>MAN 109</td>
<td>M Kohlmeier</td>
<td>H,P</td>
</tr>
<tr>
<td>ART 106</td>
<td>TWO-DIMENSIONAL DESIGN</td>
<td>9768 A</td>
<td>5</td>
<td>MWF</td>
<td>10:00 AM-12:15 PM</td>
<td>MAN 109</td>
<td>M Kohlmeier</td>
<td>H,P</td>
</tr>
<tr>
<td>ART 107</td>
<td>COLOR THEORY AND DESIGN</td>
<td>9770 A</td>
<td>5</td>
<td>MWF</td>
<td>1:00 PM-3:15 PM</td>
<td>MAN 109</td>
<td>M Kohlmeier</td>
<td>H,P</td>
</tr>
<tr>
<td>ART 111</td>
<td>BEGINNING PAINTING</td>
<td>9751 A</td>
<td>3</td>
<td>T</td>
<td>9:00 AM-11:50 AM</td>
<td>MAN 103</td>
<td>R Cooper</td>
<td>H,P</td>
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<td>ART 112</td>
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<td>9752 A</td>
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<td>T</td>
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<tr>
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<td>MAN 146</td>
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<td>TWO-DIMENSIONAL DESIGN</td>
<td>9769 A</td>
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<td>R Cooper</td>
<td>H,P</td>
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</table>

**ART 101** BEGINNING DRAWING

Lab Fee: $7.10 Course is clustered with other class sections that meet at the same time, in the same classroom. Uses Alternative Educational Resources.

**ART 102** INTERMEDIATE DRAWING

Lab Fee: $6.80 Course is clustered with other class sections that meet at the same time, in the same classroom. Uses Alternative Educational Resources.

**ART 103** ADVANCED DRAWING

Lab Fee: $6.80 Course is clustered with other class sections that meet at the same time, in the same classroom. Uses Alternative Educational Resources.

**ART 106** TWO-DIMENSIONAL DESIGN

Lab Fee: $6.80 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 107** COLOR THEORY AND DESIGN

Lab Fee: $6.80 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 111** BEGINNING PAINTING

Lab Fee: $5.00 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 112** INTERMEDIATE PAINTING

Lab Fee: $5.00 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 113** ADVANCED PAINTING

Lab Fee: $5.00 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 112** INTERMEDIATE PAINTING

Lab Fee: $5.00 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 115** HISTORY OF WESTERN ART I

Lab Fee: $42.90 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 120** ART APPRECIATION: DIV

Lab Fee: $6.80 Course is clustered with other class sections that meet at the same time, in the same classroom. Uses Alternative Educational Resources.

**ART 122** INTERMEDIATE PAINTING

Lab Fee: $24.80 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 123** ADVANCED PAINTING

Lab Fee: $24.80 Course is clustered with other class sections that meet at the same time, in the same classroom. Uses Alternative Educational Resources.

**ART 124** TWO-DIMENSIONAL DESIGN

Lab Fee: $33.60 Course is clustered with other class sections that meet at the same time, in the same classroom.

**ART 125** COLOR THEORY AND DESIGN

Lab Fee: $7.10 Course is clustered with other class sections that meet at the same time, in the same classroom. Uses Alternative Educational Resources.

**ART 126** BEGINNING PAINTING

Lab Fee: $24.80 Course is clustered with other class sections that meet at the same time, in the same classroom. Uses Alternative Educational Resources.
### Art - Biol

There is a fee of $14.20 per student per quarter for all AMTC classes.

#### AMTC 104: Automotive Electrical Systems
- **Item#:** 8791
- **Sec#:** A
- **Credit #:** 15
- **Day:** MTWTh
- **Time:** 7:30 AM-12:00 PM
- **Place:** DTV 232
- **Instructor:** C Kile

#### AMTC 214: Automotive Drivetrains
- **Item#:** 8793
- **Sec#:** A
- **Credit #:** 15
- **Day:** MTWTh
- **Time:** 7:30 AM-12:00 PM
- **Place:** DTV 233
- **Instructor:** G Roeske

#### AMTC 299: Independent Study
- **Item#:** 8795
- **Sec#:** MM1
- **Credit #:** 10
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** G Roeske

- **Item#:** 8796
- **Sec#:** MM2
- **Credit #:** 10
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** C Kile

### Astronomy

#### Evening Classes

<table>
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<tr>
<th>Item#</th>
<th>Sec#</th>
<th>Cred#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<tr>
<td>6680</td>
<td>N 5</td>
<td>T</td>
<td>5:30 PM-7:00 PM</td>
<td>HSB 137</td>
<td>J Vazquez Bello</td>
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**Intro to Astronomy**
- **Item #:** 6680
- **Sec #:** N
- **Credit #:** 5
- **Day:** T
- **Time:** 5:30 PM-7:00 PM
- **Place:** HSB 137
- **Instructor:** J Vazquez Bello

### Automotive Technology

There is a fee of $14.20 per student per quarter for all AMTC classes.

#### AMTC 241: Advanced Ceramic Art, Pottery
- **Item#:** 9767
- **Sec#:** N 3
- **Credit #:** 6
- **Day:** MW
- **Time:** 6:00 PM-8:40 PM
- **Place:** MAN 104
- **Instructor:** P Wallace

**Uses Alternative Educational Resources.**

#### AMTC 242: Intermediate Ceramic Art, Pottery
- **Item#:** 9784
- **Sec#:** N 3
- **Credit #:** 6
- **Day:** MW
- **Time:** 6:00 PM-8:40 PM
- **Place:** MAN 104
- **Instructor:** P Wallace

**Uses Alternative Educational Resources.**

#### AMTC 243: Beginning Ceramic Art, Pottery
- **Item#:** 9787
- **Sec#:** N 3
- **Credit #:** 6
- **Day:** MW
- **Time:** 6:00 PM-8:40 PM
- **Place:** MAN 104
- **Instructor:** P Wallace

**Uses Alternative Educational Resources.**

### Biology

#### Biol & 100: Survey of Biology
- **Item#:** 6698
- **Sec#:** A
- **Credit #:** 5
- **Day:** F
- **Time:** 9:00 AM-11:50 AM
- **Place:** HSB 304
- **Instructor:** C Mc Cormick

Lab included. Lab Fee: $38.50

**Uses Alternative Educational Resources.**

#### Biol & 160: General Biology
- **Item#:** 6716
- **Sec#:** A
- **Credit #:** 5
- **Day:** TTh
- **Time:** 2:00 PM-3:15 PM
- **Place:** HSB 101
- **Instructor:** C Mc Cormick

Students must also enroll in one of the lab sections: Biol & 160 LA, LB, LC, or LD. Lab Fee: $37.86

**Uses Alternative Educational Resources.**

#### Biol & 160: General Biology/LAB
- **Item#:** 6717
- **Sec#:** LA
- **Credit #:** 5
- **Day:** TTh
- **Time:** 9:00 AM-10:50 AM
- **Place:** HSB 304
- **Instructor:** C Mc Cormick

Students must also enroll in one of the lab sections: Biol & 160 LA, LB, LC, or LD. Lab Fee: $37.86

**Uses Alternative Educational Resources.**

### Online Class

**Uses Alternative Educational Resources.**

#### Biol & 241: Human Anatomy and Physiology 1 W/Lab
- **Item#:** 6926
- **Sec#:** A
- **Credit #:** 5
- **Day:** M
- **Time:** 3:00 PM-6:00 PM
- **Place:** HSB 306
- **Instructor:** L Myers

Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.

**Uses Alternative Educational Resources.**

#### Biol & 241: Human Anatomy and Physiology 2 W/Lab
- **Item#:** 6939
- **Sec#:** B
- **Credit #:** 5
- **Day:** T
- **Time:** 9:00 AM-12:00 PM
- **Place:** HSB 306
- **Instructor:** L Myers

Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.

**Uses Alternative Educational Resources.**

#### Biol & 221: Majors Ecology/Evolution W/Lab
- **Item#:** 6676
- **Sec#:** A
- **Credit #:** 5
- **Day:** Th
- **Time:** 1:00 PM-2:15 PM
- **Place:** HSB 107
- **Instructor:** L Lapierre

Hybrid class; partially online. Lab Fee: $37.66

**Uses Alternative Educational Resources.**

#### Biol & 101: Introduction to Astronomy
- **Item#:** 6879
- **Sec#:** N
- **Credit #:** 4
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** C Mc Cormick

**Uses Alternative Educational Resources.**

#### Biol & 160: General Biology/W Lab
- **Item#:** 6875
- **Sec#:** E
- **Credit #:** 5
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** L Lapierre

Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.

**Uses Alternative Educational Resources.**

#### Biol & 160: General Biology/LAB
- **Item#:** 6876
- **Sec#:** E
- **Credit #:** 5
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** L Lapierre

Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.

**Uses Alternative Educational Resources.**

#### Biol & 221: Majors Ecology/Evolution: W/LAB
- **Item#:** 6956
- **Sec#:** F
- **Credit #:** 5
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** L Lapierre

Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.

**Uses Alternative Educational Resources.**

#### Biol & 241: Human Anatomy and Physiology 1 W/LAB
- **Item#:** 6957
- **Sec#:** F
- **Credit #:** 5
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** L Lapierre

Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.

**Uses Alternative Educational Resources.**

- **Item#:** 6958
- **Sec#:** F
- **Credit #:** 5
- **Day:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** L Lapierre

Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00.

**Uses Alternative Educational Resources.**
Course # | Course Name | NSL | Item# | Sec.# | Cred.# | Days | Time | Place | Instructor
---|---|---|---|---|---|---|---|---|---
BIOL& 242 | HUMAN ANATOMY AND PHYSIOLOGY 2 W/LAB | | 6963 DE1 5 | ARR | ARR | L Myers | T Derghazarian | Students will be required to purchase a Labster Access Code through the LCC Bookstore. Total cost: $49.00. Uses Alternative Educational Resources.
BIOL& 260 | MICROBIOLOGY | NSL | 6990 A | 5 | TTh | 1:30 PM-2:45 PM | HSB 123 | K Fuller | Students must enroll in one of these lab sections: BIOL& 260 LA or LB. Lab Fee: $44.10
BIOL& 260 | MICROBIOLOGY—LAB | | 6995 LA | 5 | TTh | 8:00 AM-9:50 AM | HSB 302 | K Fuller |
BIOL& 260 | MICROBIOLOGY W/LAB | NSL | 6981 DE1 5 | ARR | ARR | K Fuller | T Derghazarian | Online class. Students will be required to purchase Labster Access Code through the LCC Bookstore. Total cost: $49.00. Uses Alternative Educational Resources.
BIOL& 279 | INDEPENDENT STUDY | | 6694 MM10 | ARR | ARR | L Myers |
BUS 100 | FOUNDATIONS OF BUSINESS SUCCESS | SS | 9116 A | 5 | TTh | 9:00 AM-10:25 AM | AAR 105 | M Gaither | Hybrid class; partially online. Uses Alternative Educational Resources.
BUS 101 | INTRO TO BUSINESS | SS | 9145 A | 5 | T | 11:00 AM-12:55 PM | HSB 123 | M Stuart | Online class. Course is cross-listed as BUS 100 and BUS 240. Uses Alternative Educational Resources.
BUS 104 | BUSINESS MATH APPLICATIONS | | 9138 A | 5 | MW | 11:00 AM-12:55 PM | HSB 106 | D Cummings | Online class. Course is cross-listed as BUS 100 and BUS 240. Uses Alternative Educational Resources.
BUS 119 | BUSINESS COMMUNICATIONS | | 9140 A | 5 | MW | 1:00 PM-2:55 PM | AAR 103 | M Stuart | Online class. Uses Alternative Educational Resources.
BUS 144 | MANAGEMENT OF HUMAN RELATIONS: DIV | D, SS | 9142 A | 5 | Th | 9:00 AM-10:55 AM | HSB 123 | T Allwine | Hybrid class; partially online.
BUS 150 | CUSTOMER SERVICE/ MANAGEMENT | | 9151 A | 5 | T | 11:00 AM-12:55 PM | AAR 103 | T Allwine | Online class.
BUS 159 | PRINCIPLES OF RETAILING | | 9152 DE 5 | ARR | ARR | M Stuart | Online class. Uses Alternative Educational Resources.
BUS& 201 | BUSINESS LAW | SS | 9460 A | 5 | TTh | 1:30 PM-3:45 PM | MAN145 | A Quirk | Online class. Uses Alternative Educational Resources.
BUS 240 | PRINCIPLES OF SUPERVISION | | 9153 DE 5 | ARR | ARR | T Allwine | Online class. Uses Alternative Educational Resources.
BUS 294 | CAREER SUCCESS | | 9113 A | 3 | W | 12:00 PM-12:50 PM | HSB 107 | S Bennett | Online class. Course is cross-listed as BUS 100 and BUS 240.

You Can Make a Difference!
Help a student most at risk of abandoning their education due to financial hardship by donating to the Student Success Fund.
lowercolumbia.edu/foundation or call 360.442.2130 to learn more

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change
### Business Technology

BTEC classes at LCC are offered in three different formats to meet a variety of student needs:
- Standard BTEC classes, where a lecture is presented and homework assigned.
- Online classes.
- Business Achievement Center classes, where students work on their own with the assistance of an instructor or an instructional support staff member.

#### Business Achievement Center

The Business Achievement Center (BAC) is located in AAR 109. Hours are Monday-Friday 9a.m.-1p.m. and testing is Monday-Thursday 9a.m.-11a.m. Students must have photo ID to use the lab. Please contact the BAC at 360.442.2710 if you have any questions. Unless otherwise noted, a computer lab fee is charged for all BTEC courses.

These courses are clustered with other class sections that meet at the same time, in the same classroom. All BTEC DE sections are clustered.

#### SKILL BUILDING CLASSES

These courses are open to all students pursuing any program.

1. **These courses are clustered with other class sections that meet at the same time, in the same classroom.**

<table>
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<tr>
<th>Course # Course Name</th>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
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<th>Time</th>
<th>Place</th>
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<td>AAR 109E</td>
<td>M Gaither</td>
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<td>This course is graded on a Pass/Fail basis only.</td>
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<td>P</td>
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| **BTEC 104** INTRODUCTION TO BUSINESS TECHNOLOGY  | 8797  | A     | 5      | MW   | 1:00 PM-2:25 PM | AAR 109E | M Gaither  |
| Hybrid class; partially online.                   |       |       |        |      |                 |       |            |
| **BTEC 110** KEYBOARDING WITH SPEED AND ACCURACY  | 9099  | DE    | 5      | ARR  | AAR 110         |       |            |
| This course is graded on a Pass/Fail basis only.  |       |       |        |      |                 |       |            |

#### BTEC Classes

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<td><strong>BTEC 161</strong> INTRO TO ICD-10 CODING IN THE MEDICAL OFFICE PART I</td>
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<td>ARR</td>
<td>AAR 110</td>
<td>N Lemmons</td>
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<tr>
<td><strong>BTEC 171</strong> MEDICAL RECEPTION PROCEDURES</td>
<td>9045</td>
<td>A</td>
<td>3</td>
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<td>9053</td>
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<td><strong>BTEC 294</strong> CAREER SUCCESS</td>
<td>9092</td>
<td>A</td>
<td>2</td>
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<td>HSB 107</td>
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</tbody>
</table>
CHEMISTRY

Chemical Dependency

CDS 101  INTRODUCTION TO ADDICTIONS AND CHEMICAL DEPENDENCY
5683 DE 5 ARR ARR ARR M Waltz
Online class.

CDS 108  COMM & SCHOOL-BASED PREVENTION/INTERVENTION
5689 N 4 FSa 5:15 PM-8:35 PM HSB 106 B Hoppie

CDS 202  CD COUNSELING WITH DIVERSE POPULATIONS
5699 DE 3 ARR ARR ARR J Caliman
Online class.

EVENING CLASSES

CDS 101  INTRODUCTION TO ADDICTIONS AND CHEMICAL DEPENDENCY
5686 N 5 MW 6:00 PM-8:15 PM HSB 106 M Waltz

CDS 113  TREATMENT PRINCIPLES OF CHEMICAL DEPENDENCY
5695 N 3 Th 5:30 PM-8:10 PM HSB 106 M Waltz

CDS 215  GROUP COUNSELING: THEORIES AND APPLICATION
5702 N 3 W 5:30 PM-8:10 PM HSB 104 J Spalding

CHEMISTRY

CHEM & 100 PREPARATORY CHEMISTRY
7073 A 5 MWF 11:00 AM-12:25 PM HSB 123 A Herbelin

CHEM & 110 CHEMICAL CONCEPTS W/LAB NSL
7076 DE1 5 ARR ARR J Pecore
Online class. Lab Fee: $49.69  Uses Alternative Educational Resources.

7080 DE2 5 ARR ARR J Pecore
Prerequisite: Completion of or concurrent enrollment in MATH 079 or TECH 079.
Online class. Lab Fee: $49.69  Uses Alternative Educational Resources.

CHEM & 121 INTRO TO CHEMISTRY NSL
7564 A 5 MWF 10:00 AM-11:00 AM HSB 101 A Wolfer
Students must also enroll in CHEM & 121 LA. Lab Fee: $49.69  Uses Alternative Educational Resources.

CHEM & 121 INTRO TO CHEMISTRY—LAB 7568 LA 5 Th 9:00 AM-11:50 AM HSB 332 A Wolfer

CHEM & 161 GENERAL CHEMISTRY I NSL
7671 A 5 MWF 8:55 AM-9:55 AM HSB 101 A Wolfer
Students must also enroll in CHEM & 121 LA or LB. Lab Fee: $62.14.
7673 B 5 MWF 1:00 PM-2:00 PM HSB 101 A Wolfer
Students must also enroll in CHEM & 121 LA or LB. Lab Fee: $62.14.

CHEM & 161 GENERAL CHEMISTRY I—LAB 7672 LA 5 T 8:00 AM-10:50 AM HSB 332 A Wolfer
7674 LB 5 T 1:30 PM-4:20 PM HSB 332 A Wolfer

CHEM & 261 ORGANIC CHEMISTRY I NSL
7675 A 5 MWF 9:00 AM-9:50 AM HSB 104 A Herbelin
Students must also enroll in CHEM & 261 LA. Lab Fee: $62.14.

CHEM & 261 ORGANIC CHEMISTRY I—LAB 7676 LA 5 MW 2:30 PM-3:20 PM HSB 329 A Herbelin

COLL 101  FIRST YEAR SEMINAR I
7677 A 2 MWF 9:00 AM-9:50 AM HSB 106 Staff
Uses Alternative Educational Resources.
7678 B 2 DAILY 10:00 AM-11:30 AM VOC 116 M Rister
Start date: 9/21/20 End date: 10/23/20
Uses Alternative Educational Resources.
7679 C 2 DAILY 10:00 AM-11:30 AM VOC 116 M Rister
Start date: 10/26/20 End date: 11/25/20
Uses Alternative Educational Resources.
7680 DE1 2 ARR ARR S Akins-Fields
Start date: 9/21/20 End date: 10/23/20
Uses Alternative Educational Resources.
7681 E 2 T 3:00 PM-4:30 PM AAR 106 Staff
Start date: 9/21/20 End date: 10/23/20
2 TTh 3:00 PM-4:30 PM AAR 106 Staff
Start date: 10/26/20 End date: 12/4/20
Hybrid class; partially online. Uses Alternative Educational Resources.
7683 F 2 TTh 11:00 AM-12:30 PM AAR 104 Staff
Hybrid class; partially online. Uses Alternative Educational Resources.
7684 G 2 TTh 1:00 PM-2:30 PM AAR 106 Staff
Hybrid class; partially online. Start date: 9/21/20 End date: 10/23/20
Uses Alternative Educational Resources.

COLL 289  EMPLOYMENT PORTFOLIO SEMINAR
9949 DE 1 ARR ARR S Bennett
Online class.

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change

College Success

COLL 74  MATH SUCCESS
7418 A 3 ARR ARR L Babick
Start date: 11/16/20 End date: 12/4/20
Uses Alternative Educational Resources.
7419 DE 3 ARR ARR L Babick
Online class. Start date: 11/16/20 End date: 12/4/20
Uses Alternative Educational Resources.
7422 DE1 3 ARR ARR L Babick
Online class. Start date: 11/16/20 End date: 12/4/20
Uses Alternative Educational Resources.
7431 DE2 3 ARR ARR L Babick
Online class. Start date: 11/16/20 End date: 12/4/20
Uses Alternative Educational Resources.

CHEM 299 INDEPENDENT STUDY
7072 MM10 ARR ARR ARR A Herbelin

CHEM & 100 PREPARATORY CHEMISTRY
7075 N 5 MW 5:00 PM-7:15 PM HSB 123 J Gerick
Lab Fee: $49.69
Communication Studies

CMST 126 COMPETITIVE PUBLIC SPEAKING
9794 A  2  MW  4:00 PM-5:40 PM  RCA 141  A Brehm
Uses Alternative Educational Resources.

CMST 136 INTERCOLLEGiate Debate
9795 A  2  MW  4:00 PM-5:40 PM  RCA 141  A Brehm
Uses Alternative Educational Resources.

CMST & 210 INTERPERSONAL COMMUNICATION
9798 A  5  TTh  8:30 AM-10:45 AM  RCA 139  S Gilberti
Uses Alternative Educational Resources.
9799 DE 5  ARR  ARR  ARR  A Gilberti
Online class. Uses Alternative Educational Resources.

CMST & 220 PUBLIC SPEAKING
9800 A  5  TTh  8:30 AM-10:45 AM  RCA 220  A Brehm
Uses Alternative Educational Resources.
9801 B  5  MW  11:00 AM-1:15 PM  RCA 220  S Gilberti
Uses Alternative Educational Resources.
9802 C  5  MW  8:30 AM-10:45 AM  RCA 220  S Gilberti
Uses Alternative Educational Resources.
9803 DE 5  ARR  ARR  ARR  A Brehm
Online class. Uses Alternative Educational Resources.
9805 DE 5  ARR  ARR  ARR  S Gordon
Online class. Uses Alternative Educational Resources.
9807 DE 5  ARR  ARR  ARR  S Gordon
Online class. Uses Alternative Educational Resources.

CMST 226 COMPETITIVE PUBLIC SPEAKING
9796 A  2  MW  4:00 PM-5:40 PM  RCA 141  A Brehm
Uses Alternative Educational Resources.

CMST & 230 SMALL GROUP COMMUNICATION
9811 A  5  TTh  11:00 AM-1:15 PM  RCA 220  J Capell
9813 DE 5  ARR  ARR  ARR  S Gordon
Online class. Uses Alternative Educational Resources.

CMST 236 INTERCOLLEGiate Debate
9797 A  2  MW  4:00 PM-5:40 PM  RCA 141  A Brehm
Uses Alternative Educational Resources.

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

Computer Science

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

CS 110 INTRODUCTION TO MICROCOMPUTER APPLICATIONS
9158 A  3  MWF  11:00 AM-11:50 AM  AAR 110C  S Bennett
Uses Alternative Educational Resources.
9159 B  3  TTh  11:00 AM-12:15 PM  AAR 110C  S Bennett
9161 DE 3  ARR  ARR  ARR  D Rosi
Online class.

CS 170 FUNDAMENTALS OF COMPUTER PROGRAMMING
9162 A  5  MWF  1:00 PM-2:40 PM  AAR 105  D Derkacht
Uses Alternative Educational Resources.

CS 270 DATA STRUCTURES I
9164 A  5  MWF  3:00 PM-4:25 PM  AAR 105  D Derkacht

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 Education Manager. For information, contact Lynell Amundson at 360.442.2601 or lamundson@lowercolumbia.edu, or stop by PSC 101.

Cooperative Education students must attend a mandatory orientation. For more information, contact Lynell Amundson at 360.442.2601 or lamundson@lowercolumbia.edu.

A $14.30 lab fee will be charged for all 288 classes. All Cooperative Education courses use the CANVAS learning management system.

Criminal Justice

CJ & 101 INTRODUCTION TO CRIMINAL JUSTICE
5704 A  5  TTh  1:00 PM-3:15 PM  HSB 105  D Kazensky
5706 DE 5  ARR  ARR  ARR  A Quirk
Online class.

CJ & 110 CRIMINAL LAW
5705 A  5  TTh  10:00 AM-12:15 PM  AAR 106  A Quirk
5707 DE 5  ARR  ARR  ARR  A Quirk
Online class.

lowercolumbia.edu | Fall 2020
Diesel/Heavy Equipment Technology

There is a fee of $14.20 per student per quarter for all DHET classes.

**Course # Course Name**

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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</table>

**DRMA 106**  INTRODUCTION TO ACTING I  
9821 A  5  MWF  1:00 PM-2:25 PM  RCA 131  R Cochran
Course is clustered with other class sections that meet at the same time, in the same classroom.

**DRMA 116**  STAGE CRAFTS I  
9816 A  5  TTh  1:30 PM-3:45 PM  RCA 148  R Cochran
Course is clustered with other class sections that meet at the same time, in the same classroom.

**DRMA 117**  STAGE CRAFTS II  
9817 A  5  TTh  1:30 PM-3:45 PM  RCA 148  R Cochran
Course is clustered with other class sections that meet at the same time, in the same classroom.

**DRMA 118**  STAGE CRAFTS III  
9819 A  5  TTh  1:30 PM-3:45 PM  RCA 148  R Cochran
Course is clustered with other class sections that meet at the same time, in the same classroom.

**DRMA 206**  ACTING I  
9823 A  5  MWF  1:00 PM-2:25 PM  RCA 131  R Cochran
Course is clustered with other class sections that meet at the same time, in the same classroom.

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**Early Childhood Education**

**ECED& 100**  CHILD CARE BASICS  
5815 DE 3  ARR  ARR  ARR  S Akins-Fields
Online class.

**ECED& 120**  PRACTICUM-NURTURING REL  
5822 A  2  M  12:00 PM-1:00 PM  SCI 102  S Akins-Fields
Hybrid class; partially online.

**ECED& 190**  OBSERVATION/ASSESSMENT  
5891 DE 3  ARR  ARR  ARR  J Zbaeren
Online class.

**ECED 401**  STUDENT TEACHING I THEORY (NON-CERTIFICATE OPTION)  
5809 A  2  Th  4:00 PM-5:00 PM  HSB 103  M Jackson
Concurrent requirement: ECED 411.
Hybrid class; partially online. Lab Fee: $35.00

**ECED 411**  STUDENT TEACHING I (NON-CERTIFICATE OPTION)  
5810 A  4  ARR  Off Campus  Staff
Concurrent requirement: ECED 401.
Hybrid class; partially online. Lab Fee: $35.00

---

**Evening Classes**

**ECED& 107**  HEALTH/SAFETY/NUTRITION  
5818 N  5  Th  5:00 PM-5:50 PM  SCI 102  S Akins-Fields
Hybrid class; partially online.

**ECED 261**  PRACTICUM IV/PRINCIPLES  
5717 N  3  T  6:00 PM-7:00 PM  SCI0102  J Zbaeren
Hybrid class; partially online.

**ECED 301**  FIELD EXPERIENCE I THEORY (NON-CERTIFICATE OPTION)  
5742 N  2  Th  6:00 PM-6:50 PM  HSB 103  M Jackson
Restricted to BAS-TE admitted students. Concurrent requirement: ECED 311.
Hybrid class; partially online. Lab Fee: $150.00

**ECED 311**  FIELD EXPERIENCE I (NON-CERTIFICATE OPTION)  
5748 N  4  ARR  Off Campus  Staff
Restricted to BAS-TE admitted students. Concurrent requirement: ECED 301.
Lab Fee: $35.00

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Earth Science

ERSI 104  INTRODUCTION TO EARTH SCIENCES  NSL
8368 A  5  MW  12:00 PM-1:15 PM  HSB 139  M Salisbury
TTh  11:30 AM-1:20 PM  HSB 139

ERSI 105  EARTH SYSTEMS  NSL
8366 DE  5  ARR  ARR  ARR  E Bard
Online class.  ☑ Uses Alternative Educational Resources.

Economics

ECON 105  INTRODUCTION TO ECONOMICS  SS
5916 A  5  MW  11:00 AM-12:25 PM  HSB 104  J Franz
Hybrid class; partially online.  ☑ Uses Alternative Educational Resources.
5920 DE  5  ARR  ARR  ARR  J Franz
Online class.  ☑ Uses Alternative Educational Resources.

EDUC& 115  CHILD DEVELOPMENT
6031 A  5  T  1:00 PM-3:00 PM  SCI 102  J Zbaeren
Hybrid class; partially online.

EDUC& 136  SCHOOL AGE CARE
6034 DE  3  ARR  ARR  ARR  S Akins-Fields
Online class.

Education

EDUC 301  FIELD EXPERIENCE I THEORY
6016 A  2  T  4:00 PM-5:00 PM  LIB 130  B Carpenter
Concurrent requirements: EDUC 311.  Hybrid class; partially online. Lab Fee: $150.00

EDUC 401  STUDENT TEACHING II THEORY
6022 A  2  Th  4:00 PM-5:00 PM  LIB 130  B Carpenter
Concurrent requirement: EDUC 411.  Hybrid class; partially online. Lab Fee: $35.00

Engineering

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

ENGR 214  STATICS
8327 A  5  MWF  7:30 AM-8:55 AM  HSB 135  D Morrison

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change.
# English

## ENGL 96 READING WORKSHOP I
- **Course:** ENGL 96
- **Class Number:** 7722
- **Credits:** 2
- **Days:** ARR
- **Time:** 10:30 AM - 11:55 AM
- **Place:** AAR 129
- **Instructor:** M Leach

## ENGL 97 READING WORKSHOP II
- **Course:** ENGL 97
- **Class Number:** 7724
- **Credits:** 2
- **Days:** ARR
- **Time:** 10:30 AM - 11:55 AM
- **Place:** AAR 129
- **Instructor:** M Leach

## ENGL 98 COLLEGE-READY ENGLISH I
- **Course:** ENGL 98
- **Class Number:** 7733
- **Credits:** 5
- **Days:** MWF
- **Time:** 10:30 AM - 11:55 AM
- **Place:** AAR 129
- **Instructor:** B Connolly

## ENGL 99 COLLEGE-READY ENGLISH II
- **Course:** ENGL 99
- **Class Number:** 7749
- **Credits:** 5
- **Days:** MWF
- **Time:** 10:30 AM - 11:55 AM
- **Place:** AAR 129
- **Instructor:** B Connolly

## ENGL& 101 ENGLISH COMPOSITION I
- **Course:** ENGL& 101
- **Class Number:** 7824
- **Credits:** 5
- **Days:** TTh
- **Time:** 8:30 AM - 10:45 AM
- **Place:** AAR 129
- **Instructor:** Staff
- **HYBRID CLASS**: Partially online.

## ENGL& 101 PLUS MODEL
- **Course:** ENGL& 101
- **Class Number:** 7825
- **Credits:** 5
- **Days:** TTh
- **Time:** 8:30 AM - 10:45 AM
- **Place:** HSB 104
- **Instructor:** C Tower

## ENGL 102 ENGLISH COMPOSITION II
- **Course:** ENGL 102
- **Class Number:** 8231
- **Credits:** 5
- **Days:** W
- **Time:** 1:30 PM - 3:30 PM
- **Place:** AAR 130
- **Instructor:** A Leavens

## ENGL 106 NW VOICES CREATIVE WRITING WORKSHOP
- **Course:** ENGL 106
- **Class Number:** 8258
- **Credits:** 2
- **Days:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** H Bauer

## ENGL 110 INDUSTRIAL COMMUNICATION
- **Course:** ENGL 110
- **Class Number:** 8270
- **Credits:** 5
- **Days:** TTh
- **Time:** 1:30 PM - 3:30 PM
- **Place:** AAR 109E
- **Instructor:** A Leavens

## ENGL 124 ARTS MAGAZINE PUBLICATION I
- **Course:** ENGL 124
- **Class Number:** 8303
- **Credits:** 3
- **Days:** F
- **Time:** 1:00 PM - 3:00 PM
- **Place:** AAR 146
- **Instructor:** A Leavens

---

**RIDE FREE with LCC Student ID!**

lowercolumbia.edu/bus
**Fall Events at Lower Columbia College**

**ROSE CENTER FOR THE ARTS**

### CONCERTS
- **Symphonic Band**
  - November 20
- **Jazz Night**
  - November 24
- **Choir Concert**
  - December 3

*All performances at 7:30 p.m.*

- Wollenberg Auditorium
- lowercolumbia.edu/music

### THEATRE
- **Coming Soon!**
  - **Fall Production TBA**
  - **Center Stage Theatre**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>Friday, November 13</td>
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<tr>
<td>Saturday, November 14</td>
<td>7:30 p.m.</td>
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<td>Sunday, November 15</td>
<td>2:00 p.m.</td>
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<td>Thursday, November 19</td>
<td>7:30 p.m.</td>
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<td>Friday, November 20</td>
<td>11:00 a.m.</td>
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<td>Friday, November 20</td>
<td>7:30 p.m.</td>
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<td>Saturday, November 21</td>
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- lowercolumbia.edu/theatre

### ART GALLERY
- **Danielle Dean**
  - September 28 - October 22
  - **Reception:** October 1, 4:30-6:30 p.m.
  - **Workshop:** October 2-4

* TIMES TBA. Free to students. Must RSVP. Limited spots available.*

- **Nine: A Quiet Stand**
  - November 9 - December 3
  - **Reception:** Nov. 5, 4:30-6:30 p.m.
  - CLOSED: November 11, 26, 27

- lowercolumbia.edu/gallery

### UNIVERSITY CENTER
**Bachelor’s and graduate degrees on the LCC campus**

Dozens of degree options are available to Lower Columbia area residents through our unique university center collaborative with partner universities. Options include LCC’s new Bachelor of Applied Science in Teacher Education.

- **LCC Library Building**
  - 360.353.7800
  - lowercolumbia.edu/u-center

Subscribe to our RCA event email newsletter at lowercolumbia.edu/aande
GraduationPlus

In today’s economy, you need a high school diploma plus a college credential to earn a living wage!

• Credits you earned in high school may also count toward a college credential.
• By 2023, four out of five job openings are expected to require at least some education beyond high school.
• Earning a two-year degree can boost lifetime earnings by $324,000 (on average) over a high school diploma alone.

Learn more at lowercolumbia.edu/graduation-plus
Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change.
<table>
<thead>
<tr>
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<th>Days</th>
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<th>Place</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>HUM 250</td>
<td>ETHICS AND POLICY IN HEALTHCARE II</td>
<td>9485</td>
<td>A</td>
<td>2-6</td>
<td>DAILY</td>
<td>8:00 AM-11:00 AM</td>
<td>VOC 114</td>
<td>N Shepherd</td>
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<tr>
<td>HUM 251</td>
<td>ETHICS AND POLICY IN HEALTHCARE III</td>
<td>9487</td>
<td>A</td>
<td>2-10</td>
<td>DAILY</td>
<td>8:00 AM-11:00 AM</td>
<td>VOC 114</td>
<td>N Shepherd</td>
</tr>
<tr>
<td>HUM 255</td>
<td>ETHICS AND POLICY IN HEALTHCARE</td>
<td>9495</td>
<td>A</td>
<td>2-6</td>
<td>DAILY</td>
<td>8:00 AM-11:00 AM</td>
<td>VOC 114</td>
<td>N Shepherd</td>
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**Information Technology**

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

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>9240</td>
<td>A</td>
<td>5</td>
<td>Th</td>
<td>11:00 AM-12:55 PM</td>
<td>VOC 119</td>
<td>B Rijnhart</td>
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**Machine Trades**

There is a fee of $25.00 for all MASP classes.

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec. #</th>
<th>Cred. #</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
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<tbody>
<tr>
<td>9530</td>
<td>MM10</td>
<td>ARR</td>
<td>ARR</td>
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<td>K Todd</td>
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</tbody>
</table>
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.

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, 087/097, 098/099, 141, 142, 146, 148, 152, and 153 provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyMathLab via Canvas.

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.

An $8.00 lab fee will be charged for the following math classes: 078, 079, 087, 088, 097, 098, and 099.

## PRE-COLLEGE MATH

### MATH 078/079 PRE-COLLEGE MATH I — 6 CREDITS
- **Item#** 6296 and 6402
- **Sec.#** A
- **Time** 9:00 AM-10:40 AM
- **Location** AAR 102
- **Instructor** M Skeie

### MATH 087/097 PRE-COLLEGE MATH II — 6 CREDITS
- **Item#** 6298 and 6451
- **Sec.#** A
- **Time** 11:00 AM-12:40 PM
- **Location** MAN 205
- **Instructor** L Babcock

### MATH 088/089 PRE-COLLEGE MATH III — 5 CREDITS
- **Item#** 6503 and 6588
- **Sec.#** ARR
- **Time** 1:30 PM-2:55 PM
- **Location** MAN 206
- **Instructor** C Graham

Hybrid class; partially online.

### MATH 087/097 ESSENTIAL PRE-COLLEGE MATH II — 6 CREDITS
- **Item#** 6620 and 6631
- **Sec.#** A
- **Time** 8:00 AM-9:40 AM
- **Location** MAN 204
- **Instructor** T Skeie

### MATH 088/089 PRE-COLLEGE MATH III — 5 CREDITS
- **Item#** 6643 and 6648
- **Sec.#** A
- **Time** 8:00 AM-8:50 AM
- **Location** AAR 102
- **Instructor** M Skeie

### MATH 098/099 PRE-COLLEGE MATH III — 5 CREDITS
- **Item#** 6653 and 6657
- **Sec.#** A
- **Time** 11:00 AM-11:50 AM
- **Location** VOC 111
- **Instructor** R Swee

Hybrid class; partially online.

## MATH BOOT CAMP

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

At the boot camp you will:
- Review important math concepts
- Learn test-taking strategies
- Discuss tips to overcoming math anxiety
- Learn about My Math Lab

Registration is required. Register online at lowercolumbia.edu/math-boot-camp, call 360.442.2360, or sign up in person at the Testing/Proctoring Center, Main Building, Room 128.

lowercolumbia.edu/testing
**College-Level Math**

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.</th>
<th>Cred.</th>
<th>Days</th>
<th>Time</th>
<th>Place</th>
<th>Instructor</th>
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<tr>
<td>6375</td>
<td>A</td>
<td>5</td>
<td>MWF</td>
<td>1:30 PM-2:55 PM</td>
<td>AAR 102</td>
<td>M Skeie</td>
</tr>
</tbody>
</table>

**MATH 106: INDUSTRIAL MATHEMATICS**

**MATH 107: MATH IN SOCIETY**

- 6337 A: DAILY 9:00 AM-9:50 AM VOC 111 R Swee
- 6340 B: TTh 1:30 PM-3:45 PM MAN 147 S Samuels
- 6357 C: MWF 9:00 AM-10:25 AM MAN 147 H Brewster
- 6366 DE: ARR ARR ARR B Benjamin

Online class.

**MATH 125: APPLIED COLLEGE ALGEBRA**

- 6333 A: MWF 1:30 PM-2:55 PM MAN 145 J Malozi

**MATH 131: MATH FOR ELEMENTARY EDUCATORS 1**

- 6329 A: MWF 9:00 AM-10:50 AM MAN 206 S Samuels

**MATH 141: PRECALCULUS I**

- 6325 A: MWF 9:00 AM-10:25 AM MAN 205 B Benjamin
- 6326 B: MWF 10:30 AM-11:55 AM MAN 204 M Hebert
- 6327 C: MWF 1:30 PM-2:55 PM MAN 204 B Benjamin

**MATH 142: PRECALCULUS II**

- 6320 A: DAILY 11:30 AM-12:20 PM MAN 234 J Malozi

**MATH 146: INTRODUCTION TO STATISTICS**

- 6311 A: DAILY 8:00 AM-8:50 AM VOC 111 R Swee
- 6313 B: MW 1:30 PM-3:45 PM MAN 233 S Samuels
- 6315 DE: ARR ARR ARR J Malozi

Online class.

**MATH 147: CALCULUS I**

- 6306 A: DAILY 11:30 AM-12:20 PM PSC 104 D Draus
- 6307 B: DAILY 10:00 AM-11:50 AM HSB 107 J Malozi

**MATH 246: PROBABILITY AND STATISTICS**

- 6309 DE: ARR ARR ARR M Hebert

Online class.

**MATH 254: CALCULUS IV**

- 6304 A: MWF 12:30 PM-1:55 PM PSC 104 D Draus

**EVENING CLASSES**

**MATH 087/089: ESSENTIAL PRE-COLLEGE MATH II — 6 CREDITS**

- 6625 and 6639 N: MTWT 6:00 PM-7:40 PM MAN 203 L Babbick

**MATH 088/089: PRE-COLLEGE MATH II — 5 CREDITS**

- 6647 and 6652 N: TTh 5:15 PM-7:30 PM MAN 204 W Drumm

---

**Medicine**

**MACH 101: MEDICAL VOCABULARY I**

- 6125 A: MW 1:30 PM-2:45 PM HSB 244 E Engel

**MACH 120: SURVEY OF HUMAN ANATOMY & PHYSIOLOGY**

- 6128 A: MW 8:30 AM-10:45 AM HSB 244 V Soladey

**MACH 122: LAW & ETHICS FOR THE MEDICAL OFFICE**

- 6131 A: MW 11:00 AM-12:15 PM HSB 244 E Engel

**MACH 161: EXAMINING ROOM PROCEDURES I**

- 6133 A: T 8:30 AM-11:00 AM HSB 244 V Soladey

Students must also enroll for one of the lab sections, MACH 161 LA or LB. Instructor permission to enroll. Restricted to MACHA 161 LA or LB.

**MACH 162: EXAMINING ROOM PROCEDURES I—LAB**

- 6137 LA: Th 8:30 AM-10:10 AM HSB 244 V Soladey
- 6138 LB: Th 10:30 AM-12:10 PM HSB 244 V Soladey

**MACH 205: CERTIFICATION REVIEW FOR MEDICAL ASSISTING**

- 6139 DEM 2 ARR ARR ARR V Soladey

Online class.

**MACH 298: SPECIAL TOPICS IN MEDICAL ASSISTING**

- 6140 MM1 ARR ARR ARR E Engel

**MACH 299: INDEPENDENT STUDY**

- 6141 MM10 ARR ARR ARR V Soladey

---

**Music**

**MUSC 100: FUNDAMENTALS OF MUSIC**

- 9860 A: Th 11:00 AM-1:15 PM RCA 102 R Davis

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

**MUSC 105: MUSIC APPRECIATION**

- 9902 DE 1 ARR ARR ARR G Challed

Online class.

- 9904 DE 2 ARR ARR ARR Staff

Online class.

**MUSC 106: KEYBOARD SKILLS I**

- 9861 A: Th 1:30 PM-3:30 PM RCA 221 R Davis

Hybrid class; partially online.

**MUSC 107: KEYBOARD SKILLS II**

- 9862 A: Th 1:30 PM-3:30 PM RCA 221 R Davis

Hybrid class; partially online.

**MUSC 111: EAR TRAINING I**

- 9866 A: Th 11:25 AM-11:50 AM RCA 218 R Davis

**MUSC 115: GROUP PIANO INSTRUCTION**

- 9864 A: Th 1:30 PM-3:30 PM RCA 221 R Davis

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

**MUSC 119: AMERICAN MUSIC: DIV**

- 9869 DE 5 ARR ARR ARR K Harbaugh

Online class.

---

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change.
<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.#</th>
<th>Cred.#</th>
<th>Days</th>
<th>Time</th>
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<td>MUSC 121</td>
<td>CONCERT CHOIR I</td>
<td>9846 A</td>
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<td>12:10 PM-1:00 PM</td>
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<td>CONCERT CHOIR II</td>
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<td>12:10 PM-1:00 PM</td>
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<td>MUSC 123</td>
<td>CONCERT CHOIR III</td>
<td>9850 A</td>
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<td>12:10 PM-1:00 PM</td>
<td>RCA 102</td>
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<tr>
<td>MUSC 131</td>
<td>BEGINNING GUITAR</td>
<td>9877 A</td>
<td>2</td>
<td>TTh</td>
<td>3:30 PM-4:20 PM</td>
<td>RCA 102</td>
<td>K Harbaugh</td>
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<tr>
<td>MUSC 132</td>
<td>INTERMEDIATE GUITAR</td>
<td>9880 A</td>
<td>2</td>
<td>TTh</td>
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<tr>
<td>MUSC 133</td>
<td>ADVANCED GUITAR</td>
<td>9881 A</td>
<td>2</td>
<td>TTh</td>
<td>3:30 PM-4:20 PM</td>
<td>RCA 102</td>
<td>K Harbaugh</td>
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<tr>
<td>MUSC 135</td>
<td>ORCHESTRA</td>
<td>9867 MM1</td>
<td>M</td>
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<td>7:00 PM-9:00 PM</td>
<td>RCA 102</td>
<td>R Davis</td>
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<td>MUSC&amp; 141 MUSIC THEORY I</td>
<td>9907 A</td>
<td>5</td>
<td>MWF</td>
<td>10:00 AM-11:25 AM</td>
<td>RCA 218</td>
<td>R Davis</td>
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<td>MUSC 145</td>
<td>BEGINNING VOICE</td>
<td>9844 A</td>
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<td>BELLA VOCE CHOIR I</td>
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</table>

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change.

A fee of $500 per credit is collected for this course in addition to tuition.

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

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

Nursing Assistant (NURS 090) is an 8-credit course that provides students the content and experience to give basic nursing care to patients under the supervision of a licensed nurse. Contact Leszek Cromwell at 360.442.2425 or Jill Yates at 360.442.2584 for course information and to register.

This course schedule conflicts with scheduled science labs; do not register for this course and any other courses that require face-to-face labs during the same quarter. Attendance is required for both this course and science labs, and it is not possible to attend both.

### EVENING CLASSES

<table>
<thead>
<tr>
<th>Item#</th>
<th>Sec.</th>
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<th>Day</th>
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<td>6154</td>
<td>N 5</td>
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<td>ARR</td>
<td>HSB 249</td>
<td>S Parmley</td>
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<tr>
<td>6156</td>
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<td>ARR</td>
<td>ARR</td>
<td>AR</td>
<td>A Boultinghouse</td>
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<tr>
<td>6157</td>
<td>LB 5</td>
<td>ARR</td>
<td>ARR</td>
<td>A Boultinghouse</td>
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</table>

**LCC Students, are you aware of the benefits of carrying a current LCC Student ID card?**

- Access to the LCC Food Pantry, Food For Thought
- Ride the bus for free
- Participation in campus events and activities
- Check out materials from the LCC Library
- Discounts from select local businesses

**Pick up or renew your LCC Student ID at the Bookstore during normal business hours!**
### Physical Education

A $8.10 fee is charged for each Physical Education class.

#### PHED 104 PILATES AND STRETCH
- **Item#:** 8573
- **Sec#:** A
- **Credits:** 1
- **Days:** TTh
- **Time:** 11:00 AM-11:50 AM
- **Place:** GYM 210
- **Instructor:** C Skerbeck

#### PHED 106 YOGA FOR BEGINNERS
- **Item#:** 8577
- **Sec#:** A
- **Credits:** 1
- **Days:** TTh
- **Time:** 10:00 AM-10:50 AM
- **Place:** GYM 210
- **Instructor:** C Skerbeck

#### PHED 117 APPLIED SOCCER I
- **Item#:** 8583
- **Sec#:** A
- **Credits:** 2
- **Days:** MTWTh
- **Time:** ARR
- **Place:** GYM 211
- **Instructor:** B Vogel

#### PHED 118 APPLIED SOFTBALL I
- **Item#:** 8529
- **Sec#:** A
- **Credits:** 2
- **Days:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** T Fuller

#### PHED 120 CROSS-TRAINING
- **Item#:** 8545
- **Sec#:** A
- **Credits:** 2
- **Days:** MW
- **Time:** 10:00 AM-10:50 AM
- **Place:** GYM 113
- **Instructor:** E Ross

#### PHED 128 WEIGHT TRAINING
- **Item#:** 8542
- **Sec#:** A
- **Credits:** 2
- **Days:** MW
- **Time:** 9:00 AM-9:50 AM
- **Place:** GYM 113
- **Instructor:** E Mc Mullan

#### PHED 136 MEN’S APPLIED BASKETBALL I
- **Item#:** 8568
- **Sec#:** A
- **Credits:** 2
- **Days:** DAILY
- **Time:** ARR
- **Place:** GYM 116
- **Instructor:** M Polis

#### PHED 137 WOMEN’S APPLIED BASKETBALL I
- **Item#:** 8564
- **Sec#:** A
- **Credits:** 2
- **Days:** DAILY
- **Time:** ARR
- **Place:** GYM 116
- **Instructor:** L Myers

#### PHED 138 APPLIED VOLLEYBALL I
- **Item#:** 8588
- **Sec#:** A
- **Credits:** 2
- **Days:** DAILY
- **Time:** ARR
- **Place:** GYM 212
- **Instructor:** C Smith

#### PHED 152 PERSONALIZED FITNESS
- **Item#:** 8533, 8536
- **Sec#:** DE1, DE2
- **Credits:** 2
- **Days:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** E Ross

#### PHED 169 WOMEN’S SOCCER COACHING THEORY
- **Item#:** 8538
- **Sec#:** A
- **Credits:** 2
- **Days:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** B Vogel

#### PHED 204 PILATES AND STRETCH
- **Item#:** 8574
- **Sec#:** A
- **Credits:** 1
- **Days:** TTh
- **Time:** 11:00 AM-11:50 AM
- **Place:** GYM 210
- **Instructor:** C Skerbeck

#### PHED 214 APPLIED BASEBALL II
- **Item#:** 8531
- **Sec#:** A
- **Credits:** 1
- **Days:** ARR
- **Time:** ARR
- **Place:** ARR
- **Instructor:** E Lane

#### PHED 217 APPLIED SOCCER II
- **Item#:** 8585
- **Sec#:** A
- **Credits:** 2
- **Days:** MTWTh
- **Time:** GYM 211
- **Instructor:** B Vogel

#### PHED 220 CROSS-TRAINING
- **Item#:** 8551
- **Sec#:** A
- **Credits:** 2
- **Days:** MW
- **Time:** 10:00 AM-10:50 AM
- **Place:** ARR
- **Instructor:** E Ross

### Physical Education

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change.
### Political Science

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>6207 A</td>
<td>PSYC&amp; 101 INTRODUCTION TO POLITICAL SCIENCE</td>
</tr>
<tr>
<td>J Mosser</td>
<td>Hybrid class; partially online. Uses Alternative Educational Resources.</td>
</tr>
</tbody>
</table>

### Process Manufacturing

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>6208 A</td>
<td>PMFG 150 ELECTRICAL AND ELECTRONIC FUNDAMENTALS</td>
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<tr>
<td>6241 DE</td>
<td>Hybrid class; partially online.</td>
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</tbody>
</table>

### Psychology

<table>
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<tr>
<th>Course #</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>6244 A</td>
<td>PSYC 150 PSYCHOSOCIAL ISSUES IN HEALTH CARE I</td>
</tr>
<tr>
<td>T Norton</td>
<td>Instructor permission required to enroll. Restricted to Nursing students. Hybrid class; partially online.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
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<tr>
<td>6246 A</td>
<td>PSYC 250 PSYCHOSOCIAL ISSUES IN HEALTH CARE II</td>
</tr>
<tr>
<td>T Norton</td>
<td>Instructor permission required to enroll. Restricted to Nursing students. Hybrid class; partially online.</td>
</tr>
</tbody>
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<tr>
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<tr>
<td>6249 DE</td>
<td>PSYC 255 PSYCHOSOCIAL ISSUES IN HEALTH CARE</td>
</tr>
<tr>
<td>T Norton</td>
<td>Instructor permission required to enroll. Restricted to Nursing students. Online class.</td>
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### Sociology

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<th>Course #</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>6279 A</td>
<td>SOC&amp; 101 INTRODUCTION TO SOCIOLOGY</td>
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<td>L Wheeler</td>
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### Spanish

<table>
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<th>Course #</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>6217 A</td>
<td>SPAN&amp; 121 SPANISH I</td>
</tr>
<tr>
<td>A Emerson</td>
<td>Uses Alternative Educational Resources.</td>
</tr>
</tbody>
</table>

All DE sections are online, using Vistas and email communication with the instructor. A Distance Education fee will be charged. After registering, students must contact Alex Emerson at aemerson@lowercolumbia.edu.

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

There is a fee of $85.00 for all WELD classes.

### WELD 105 RELATED WELDING
Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. ☑ Course is clustered with other class sections that meet at the same time, in the same classroom.

- **Course Details**:
  - WELD 155
  - WELD 131
  - WELD 133

### WELD 125 OFW-A - OXY/ACETYLENE WELDING WITH RG45
Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. ☑ Course is clustered with other class sections that meet at the same time, in the same classroom.

- **Course Details**:
  - WELD 155
  - WELD 131
  - WELD 133

### WELD 131 SMAW - STICK WELDING SITH E7018
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. ☑ Course is clustered with other class sections that meet at the same time, in the same classroom.

- **Course Details**:
  - WELD 155
  - WELD 131
  - WELD 133

### WELD 132 SMAW - STICK WELDING WITH E6010
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. ☑ Course is clustered with other class sections that meet at the same time, in the same classroom.

- **Course Details**:
  - WELD 155
  - WELD 131
  - WELD 133

### WELD 133 ADV SMAW AND OTHER STICK WELDING ELECTRODES - WABO
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. ☑ Course is clustered with other class sections that meet at the same time, in the same classroom.

- **Course Details**:
  - WELD 155
  - WELD 131
  - WELD 133

### WELD 241 FCW-G - DUAL SHIELD WIRE FEED WELDING WITH E71T-1
Note: This course may be taken for 1-10 credits only. Students will arrange class schedule with instructor on 1st day of quarter. ☑ Course is clustered with other class sections that meet at the same time, in the same classroom.

- **Course Details**:
  - WELD 155
  - WELD 131
  - WELD 133

### WELD 242 ADV FCW-G WIRE - WABO
Note: This course may be taken for 1-6 credits only. Students will arrange class schedule with instructor on 1st day of quarter. ☑ Course is clustered with other class sections that meet at the same time, in the same classroom.

Due to the Coronavirus (COVID-19) outbreak, all instructional delivery methods (e.g. online, face-to-face, etc.) are subject to change.
In the era of COVID-19, LCC is open, but operating differently.

Protecting the health and safety of our students and employees is our number one priority. We will continue to offer the majority of our instruction online and serve students remotely until we receive the “all clear” from the state. Please visit our website to learn more about what LCC is doing about the pandemic.

- Resources for students and employees
- Application for emergency assistance funding
- Extended dates and deadlines
- Campus Safety Measures
- Facts about COVID-19
- Free tech tutorials
- Links to public health resources

Learn more at lowercolumbia.edu/covid-19
Transitional Studies offers adult education courses designed to prepare you for college-level studies or help you earn your high school diploma.

### ABE English

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Days/Time</th>
<th>Location</th>
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<tbody>
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<td>ABE 091</td>
<td>ABE English C-E (ENGLISH, CWH) HYBRID</td>
<td>T/Th 9:00 AM-9:50 AM</td>
<td>VOC 153</td>
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<tr>
<td>ABE 061</td>
<td>ABE English A-B (US HISTORY)</td>
<td>Daily 9:00 AM-9:50 AM</td>
<td>AAR 101</td>
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<tr>
<td>ABE 091</td>
<td>ABE English C-E (ENGLISH, GOVERNMENT) HYBRID</td>
<td>T/Th 11:00 AM-11:50 AM</td>
<td>AAR 101</td>
</tr>
<tr>
<td>ABE 091</td>
<td>ABE English C-E (ENGLISH, OCCUPATIONAL ED, HEALTH/PE, FINE ARTS)</td>
<td>Daily 10:00 AM-11:00 AM</td>
<td>VOC 154</td>
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<tr>
<td>ABE 091</td>
<td>ABE English C-E (ENGLISH, SCIENCE, LAB SCIENCE, CWH)</td>
<td>T 1:00 PM-1:50 PM</td>
<td>VOC 157</td>
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<tr>
<td>ABE 091</td>
<td>ABE English C-E TECHNOLOGY FOR COLLEGE &amp; CAREER (OCCUPATIONAL EDUCATIONAL) HYBRID</td>
<td>T/Th 1:00 PM-2:20 PM</td>
<td>VOC 153</td>
</tr>
<tr>
<td>ABE 091</td>
<td>ABE English C-E (ENGLISH, GOVERNMENT, US HISTORY)</td>
<td>Daily 2:00 PM-2:50 PM</td>
<td>McShane H</td>
</tr>
<tr>
<td>ABE 091</td>
<td>ABE English A-E (ENGLISH, OCCUPATIONAL EDUCATIONAL, HEALTH/PE)</td>
<td>Daily 1:00 PM-1:50 PM</td>
<td>VOC 156</td>
</tr>
<tr>
<td>ABE 081</td>
<td>ABE English A-D (ENGLISH, WA STATE HISTORY, FINE ARTS)</td>
<td>MW 7:00 PM-9:05 PM</td>
<td>VOC 156</td>
</tr>
<tr>
<td>ABE 091</td>
<td>ABE English C-E (ENGLISH, SCIENCE, SCIENCE LAB, CWH)</td>
<td>M-Th 7:00 PM-9:00 PM</td>
<td>VOC 154</td>
</tr>
</tbody>
</table>

### ABE Math

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days/Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABE 062</td>
<td>ABE Math A-B</td>
<td>Daily 10:00 AM-10:50 AM</td>
<td>VOC 156A</td>
</tr>
<tr>
<td>ABE 072</td>
<td>ABE Math C</td>
<td>Daily 10:00 AM-10:50 AM</td>
<td>VOC 156</td>
</tr>
<tr>
<td>ABE 072</td>
<td>ABE Math C (ELECTIVES)</td>
<td>Daily 11:00 AM-11:50 AM</td>
<td>VOC 154</td>
</tr>
<tr>
<td>ABE 082</td>
<td>ABE Math D+ (MATH, ELECTIVES)</td>
<td>M W F 11:00 AM-12:40 PM</td>
<td>VOC 156</td>
</tr>
<tr>
<td>ABE 072</td>
<td>ABE Math B-C HYBRID</td>
<td>T 2:00 PM-2:50 PM</td>
<td>VOC 157</td>
</tr>
<tr>
<td>ABE 072</td>
<td>ABE Math A-C</td>
<td>Daily 2:00 PM-2:50 PM</td>
<td>VOC 154</td>
</tr>
<tr>
<td>ABE 082</td>
<td>ABE Math D (MATH)</td>
<td>Daily 1:00 PM-1:50 PM</td>
<td>VOC 154</td>
</tr>
<tr>
<td>ABE 072</td>
<td>ABE Math A-C</td>
<td>4:8 M-Th 6:00 PM-7:00 PM</td>
<td>VOC 154</td>
</tr>
<tr>
<td>ABE 082</td>
<td>ABE Math Level E (MATH) HYBRID</td>
<td>MW 7:00 PM-9:00 PM</td>
<td>VOC 153</td>
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</table>

### English as a Second Language

<table>
<thead>
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<th>Course Title</th>
<th>Days/Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL 051</td>
<td>ESL English A</td>
<td>Daily 9:00 AM-10:50 AM</td>
<td>VOC 157A</td>
</tr>
<tr>
<td>ESL 071</td>
<td>ESL English B-C (US HISTORY)</td>
<td>Daily 9:00 AM-10:50 AM</td>
<td>VOC 157</td>
</tr>
<tr>
<td>ESL 071</td>
<td>ESL English SPEAKING AND LISTENING B-C</td>
<td>Daily 11:00 AM-11:50 AM</td>
<td>VOC 157</td>
</tr>
<tr>
<td>ABE 092</td>
<td>MATH FOR ENGLISH LANGUAGE LEARNERS A-E</td>
<td>Daily 11:00 AM-11:50 AM</td>
<td>VOC 157A</td>
</tr>
<tr>
<td>ESL 071</td>
<td>ESL English B-C TECHNOLOGY FOR COLLEGE &amp; CAREER (OCCUPATIONAL EDUCATIONAL) HYBRID</td>
<td>T/Th 1:00 PM-2:20 PM</td>
<td>VOC 153</td>
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<tr>
<td>ESL 051</td>
<td>ESL English A HYBRID</td>
<td>MW 6:00 PM-9:00 PM</td>
<td>VOC 157A</td>
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<tr>
<td>ESL 071</td>
<td>ESL English B-C (US HISTORY)</td>
<td>MW 6:00 PM-9:00 PM</td>
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<tr>
<td>ESL 071</td>
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<td>T/Th 9:00 AM-10:25 AM</td>
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<td>ESL 051</td>
<td>ESL English A</td>
<td>T/Th 6:00 PM-9:00 PM</td>
<td>VOC 156</td>
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<tr>
<td>ESL 071</td>
<td>ESL English B-C (US HISTORY)</td>
<td>T/Th 6:00 PM-9:00 PM</td>
<td>VOC 156</td>
</tr>
</tbody>
</table>

Classes are $25 per quarter and students may enroll at any time. For more information call 360.442.2580.
I-BEST PUTS STUDENTS ON FAST TRACK TO CAREER & STUDENT SUCCESS

Integrated Basic Education & Skills Training (I-BEST) is a proven program for student success. I-BEST students have double the certificate/degree completion rate, a result of hands-on training combined with twice the support and instruction to help students excel. I-BEST faculty and professional/technical faculty work together in the classroom in a team teaching partnership and I-BEST instructors are available for up to five hours or more each week to assist students in an academic support classroom where instruction is targeted to classroom studies. College credits earned can be applied toward two year Associate degrees in eleven high demand career fields.

Automotive Technology – NEW!
The Automotive Technology program provides a strong combination of classroom theory and hands-on practice in all areas of automotive repair, with courses based on competencies established by the National Automotive Technician Education Foundation (NATEF). The LCC Automotive Technology program is certified by NATEF, a branch of the National Institute for Automotive Service Excellence (ASE).

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

Business Technology
Prepares graduates to work in an office setting. Credits can be applied toward two year AAS degrees.

Diesel/Heavy Equipment Technology
Prepares graduates for careers in any industry that utilizes trucks, excavators, bulldozers, other heavy equipment, or industrial equipment using diesel power and hydraulic devices. Graduates find work with truck and heavy equipment dealers, railroads, marine operations, industrial maintenance, auto, and RV repair.

Early Childhood Education
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. Credits can be applied toward the AAS in Early Childhood Education and the new Bachelor of Applied Science in Teacher Education (BAS-TE).

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.

Machine/Multicraft Trades
Machine Trade graduates are prepared for jobs as a machinist, millwright, machine operator, tool and die maker, and occupations related to manufacturing. Multicraft Trade Certificate graduates go to work, enter an apprenticeship training program, or into a LCC degree program such as Advanced Manufacturing, Diesel/Heavy Equipment Technology, Machine Trades or Welding.

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

Welding
Prepares graduates for the state commercial welding examination or qualify for welding jobs in manufacturing, maintenance, or instruction.

Textbook info online at lowercolumbia.edu/bookstore

Program Specialist Jill Yates will help each student register for the classes they need: 360.442.2584 or jyates@lowercolumbia.edu
Corporate and Continuing Education supports the college’s mission by providing opportunities for individuals, businesses, and organizations to pursue their personal, professional, and corporate training goals. Please reach out to us and let us know how we can assist you.

Business & Professional Development

**Fundamentals of Supervision and Management-ONLINE**
Become a more effective manager by learning the language of business management. This course provides skills in managing time, delegating responsibility, motivating your employees, solving problems and resolving conflicts so you can accomplish your job more effectively. Register at www.ed2go.com/lccbic $115

**Small Business Entrepreneur Certification-ONLINE**
The Small Business Development Center and Lower Columbia College are partnering to offer a Small Business Entrepreneur Certification. Contact Jerry Petrick at the Longview Small Business Development Center at jerry.petrick@wsbdc.org or call 360.578.5449. Additional information is available by emailing mharris@lowercolumbia.edu, calling 360.442.2602 or visiting www.campusce.net/lcc.

**Grantwriting Bootcamp**
The Comprehensive Grantwriting Bootcamp is an inspiring and informative three-day course that will provide you with the tools, skills, and resources necessary to research, write, and manage successful grant proposals. In this course, an experienced grantwriter will show you how to research and write winning proposals that get funded. Walk away from the course with a completed letter of interest and your current proposal nearly done! DTV 201 (Shirk) $550.

CLCE 042 A 9131 MTW 9/14-9/16 9 a.m.-3 p.m.

About Allison Shirk: Allison has over 20 years’ experience as a professional grantwriter and grant-writing instructor and is the Executive Director of Spark the Fire Grantwriting Classes. Allison is an Approved Specialist in the Nonprofit Resource Directory, a vetted resource of nonprofit consultants recommended by their clients and peers. She is a Columnist for the Foundation Center - New York, The Sustainable Nonprofit. Allison has helped nonprofits raise millions of dollars to help make the world a better place.

For more information, contact Mary Harris at mharris@lowercolumbia.edu or 360.442.2602

Workforce Training

**Child Care Basics: Canvas Online-NEW!**
This course is designed to meet licensing requirements for early learning lead teachers and family home childcare providers, STARS 30 hour basics course recognized in the MERIT system. Topics: child growth/development, cultural responsiveness, community resources, guidance, health/safety/nutrition and professional practices. Pre-registration required. Online using Canvas. (Akins-Fields) $185

CLCE 48 A 9137 Online

**Paraeducator Basics: Canvas Online-NEW!**
An introduction to roles and responsibilities of the Paraeducator in the K-12 educational system. Participants will explore techniques supporting instruction, professional and ethical practices, positive and safe learning environments, effective communication, and teamwork. Note: this course reflects Washington State’s Paraeducator Standards of Practice and includes all 12 modules that comprise PESB’s “Fundamental Course of Study.” Participant may sign up for as many or few modules as needed. Pre-registration required. Online using Canvas. (Carpenter) Visit lowercolumbia.edu/ce and click on the shopping cart to sign up and for more information.

CLCE 49 A Online

**Student Testimonials:**
“it was very comprehensive and a great learning experience. I would highly recommend it!”
“It’s clear that Allison has a history, passion, and dedication for grantwriting.”
“Allison was able to answer each question with practical knowledge and great suggestions.”
“Love the handbooks. It’s so nice to have all my notes and materials in one place.”
**Flagger Certification**
Learn professional flagger techniques and proper work zone set-up. Rich Bunker, Master Instructor, for American Traffic Safety Services Association (ATSSA). Contact Mary Harris for more information at mharris@lowercolumbia.edu or call 360.442.2602.

**Professional Vocational Relationships: Canvas Online**
Examines the legal and regulatory frameworks of practical nursing. Presents concepts of effective communication in health care settings among employees and employers. Explores conflict resolution and teamwork strategies, professional boundaries, stress management, chain of command, and professionalism as it relates to the licensed practical nurse role and scope. Fulfills the Washington State requirements for professional relationship content for those applying for licensure as a practical nurse in Washington State. Registration required. Online using Canvas. (Ward) $150

**How to Stop Wasting Food, Save Money and Preserve Food Resources**
Making the most of your food supplies and food dollars
Does food go to waste in your refrigerator? 30-40 % of food goes to waste in the US! In just minutes you can you can save more of the food you buy, preserve it, and eat it later. Learn different preservation methods for food including freezing, dehydrating, pickling and fermenting, and how to use these foods. You’ll save money, reduce waste and have delicious food to eat at another time! Quickly and easily, make some of your favorite gourmet treats, preserve them, know how to package and store them. Make-ahead meals can save you time and effort. Emergency foods… just in case. Instructor will demonstrate and provide recipes. DTV 201 (Grumbles) $59

**Food, Nutrition, and Health-ONLINE**
The goal of this course is to provide a holistic overview of current food and nutrition issues and their impact on physical, social, emotional, and spiritual health. Throughout this course, you will become more conscious of what you eat, why you eat it, how it is prepared, and what consequences your food choices have on your health as well as the health of the planet. You will also learn how to change your eating habits for more healthful outcomes, including swapping processed sugar for other sweeteners, adding probiotics to the diet, and harnessing the healing effect of herbs. Ultimately, you will gain insight into how food interacts with your body on multiple levels—physical, mental-emotional, and spiritual—as well as the impact it has globally. Register at www.ed2go.com/lccbic $99

**Wellness and the Environment-ONLINE**
This course focuses on the various ways the environment impacts human health. Learn about air and water safety, the global impacts of overpopulation and climate changes, and common health hazards found in the home. Discover steps for preventing or controlling disease, injury, and disability related to the interactions between people and their environment. Poor environmental quality has the greatest impact on people whose health status is already at risk. But with environmental health education, you can help address the societal and environmental factors that increase the likelihood of exposure and disease. Register at www.ed2go.com/lccbic $54

**HIV/AIDS Education for Health Care Providers**
LCC offers 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 text in the College Bookstore, and check out the DVDs in the LCC College Library. Contact Mary Harris at mharris@lowercolumbia.edu for additional information.
4 hour HIV/AIDS Certification, register for:
SFTY 046 9109 $45.00
7 hour HIV/AIDS Certification, register for:
SFTY 045 9111 $70.00
Health & Wellness

**Tai Chi - Beginners**
Learn and explore slow and continuous movements to improve mobility, flexibility, balance and increase muscular strength. Primarily Sun (soon) Style that is safe and easy to learn with its gentle postures combined with Qigong exercises to enhance the flow of internal energy (Qi) and cultivate relaxed deeper breathing and body-mindfulness association. Appropriate for individuals new to exercise, looking to manage stress, have chronic health conditions, fall prevention as well as skills-exploration for those revisiting Tai Chi. Students participate at their comfort level and modification needs. Wear loose, comfortable clothing and sneakers or flat, flexible fitness-type shoes. GYM 210 (Eastman) $65

**Session One**
CLCE 028 A 9100  TTh  9/22-10/22  8-8:50 a.m.

**Session Two (No class 11/12 & 11/26)**
CLCE 028 A 9103  TTh  10/27-12/3  8-8:50 a.m.

**NIA Functional Fitness**
NIA (Non-impact Aerobics) is a form of fusion fitness, combining classic movement forms which encompasses martial arts, healing arts, yoga, and the dance arts. Suitable for all ages, NIA is a workout, practice, and lifestyle that fosters vitality and well-being. GYM 210 (Sudar) $65

**Session One**
CLCE 015 A 9093  MTh  9/21-10/22  7-7:50 a.m.

**Session Two (No class 11/12 & 11/26)**
CLCE 015 B 9096  MTh  10/26-12/3  7-7:50 a.m.

**Fusion Fitness**
If you are looking for a full body workout to squeeze into your lunch hour, then this class is for you! Fusion Fitness is a blend of Pilates, weight training, yoga and barre. It focuses on strengthening and stretching while toning the entire body to create long lean muscles. It is geared towards beginners so no prior experience is needed! GYM 210 (McMullan) $65

**Session One**
CLCE 029 A 8991  MW  9/21-10/21  12:10-12:50 p.m.

**Session Two (No class 11/11 & 11/25)**
CLCE 029 B 8992  MW  10/26-12/2  12:10-12:50 p.m.

**Yogilates**
Yogilates is a mix of Pilates, which focuses on core strength, and Yoga which focuses on strength and flexibility. This is a total mind/body workout designed to strengthen major and minor muscle groups. Exercises are performed on mats using a variety of small "props". Exercises are performed on the floor, so students must be able to get up and down under their own power. All Levels welcome. Participants need to bring their own mats. GYM 210 (Skerbeck) $65

**Session One**
CLCE 032 A 9009  TTh  9/22-10/22  12:10-12:50 p.m.

**Session Two (No class 11/12 & 11/26)**
CLCE 032 B 9010  TTh  10/27-12/3  12:10-12:50 p.m.

**Mat Pilates**
This class will consist of a series of exercises from within the Pilates Method designed specifically to be performed on the mat. Benefits of Pilates exercises include improved flexibility, muscle tone, body balance, spinal support, low back health, sports performance, and body-mind awareness. Improve your core strength in a safe manner. Appropriate for all levels, however students need to be able to perform exercises on the floor using a mat. Bring a ¼” exercise mat to class. GYM 210 (Poole) $65

**Session One**
CLCE 034 A 9024  MW  9/21-10/21  5:30-6:30 p.m.

**Session Two (No class 11/11 & 11/25)**
CLCE 034 B 9027  MW  10/26-12/2  5:30-6:30 p.m.

**Zumba Fitness**
The Zumba workout combines high-energy dance moves with traditional exercises such as lunges, squats and arm curls. Upbeat music like the merengue, salsa and mambo keep the energy high but alternate between slow and fast, keeping you on your toes! Have fun and lift your spirits while getting into shape and burning as many as 540 calories in the hour class! GYM 210 (Sanchez) $65

**Session One**
CLCE 030 A 9032  TTh  9/22-10/22  5:30-6:30 p.m.

**Session Two (No class 11/12 & 11/26)**
CLCE 030 B 9090  TTh  10/26-12/3  5:30-6:30 p.m.

**Aquatic Fitness**
Did you know that exercising in water makes you feel up to 90 percent lighter, according to the American Council on Exercise? This reduces the impact on your joints, creating an ideal exercise environment for those with arthritis, back problems, foot/leg injuries and knee problems and is also perfect for pregnant women. Dick Mealy Pool at Mark Morris (Love) $65

**Session One**
CLCE 035 A 8983  MTTh  9/8-10/27  10:50-11:45 a.m.

**Session Two (No class 11/26)**
CLCE 035 B 8986  MTTh  10/29-12/17  10:50-11:45 a.m.

Continuing Education now offers punch cards for NIA, Fusion Fitness, Yogilates, Mat Pilates, and Zumba. Punch cards are $50 for 5 visits. Visit our website and click on the shopping cart to purchase or call our registration desk at 360.442.2600.
**About Corporate & Continuing Education**

For the latest information about Corporate & Continuing Education, visit lowercolumbia.edu/ce.

**It’s easy to sign up for classes:**
- Sign up online at lowercolumbia.edu/ce. Click on the shopping cart.
- OR call 360.442.2600 to sign up over the phone with Visa or MasterCard. If we are away from the phone, leave your name and phone number and we’ll call you back.
- OR fill out the form at the back of this schedule and mail with a check, money order, or credit card information.

**Questions? Call us at 360.442.2600**

**Refund Policy:**
Written notice must be received 3 business days prior to the course start date to receive a refund. Refunds are issued automatically if a course is closed or canceled.

**Online Learning:**
- **Ed2go:** Visit www.ed2go.com/lccbic or email mharris@lowercolumbia for more information.
- **Ed2go Online Career Training:** careertraining.ed2go.com/lccbic or email mharris@lowercolumbia for more information

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**Computers & Technology**

**Microsoft Excel Online!**
Learn to quickly and efficiently use Microsoft Excel and discover dozens of shortcuts and tricks for setting up fully formatted worksheets. Series pricing also available. Register at www.ed2go.com/lccbic $129

**Computer Skills for the Workplace Online!**
This course is designed to provide the fundamental computer competencies you need to survive and prosper in today’s fast-changing workplace. Register at www.ed2go.com/lccbic $115

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**Art & Culture**

**Metal Art**
Come explore the amazing world of metal art. Get creative by cutting and welding to create yard art, sculptures, or even build small useful projects of your own. No welding experience necessary. Great for the beginner, the hobbyist, or the advanced fabricator. The instructor will teach you all that you need to know to safely & successfully bring your own ideas to life. LCC Welding Shop (Jones) $119

CLCE 019 A 9125 Mon 9/21-11/16 6-8 p.m.

**College of Collage**
Experience the endless creative possibilities of collage. Few art methods allow such flexibility and personal narrative. This course will cover techniques for determining subject matter, integrating a variety of materials, and personalizing imagery. We will learn about adhesives, surfaces, and combinations of drawing and painting materials used in collage. MAN 109 (Wade) $99

CLCE 018 A 9118 M 9/28-11/23 5-7 p.m.

**Painting Techniques**
Gain control of the art of painting. We will take painting from palette layout to finished works through the investigation of tools, material handling, color mixing, and traditional techniques. The class is designed for those who are embarking on painting as well as those with experience who want to refine their skills and techniques. Although acrylics will be preferred, students with experience who work in oils are encouraged to use that medium. MAN 109 (Wade) $125 **(No class 11/11)**

CLCE 018 B 9121 Wed 9/30-12/2 5-8 p.m.

**Mixed Media Drawing**
Discover drawing with a variety of materials and surfaces. In this class we’ll work with both dry and water-based materials, on surfaces ranging from paper to glass. Investigate techniques for creating representational and abstract imagery with pen and ink, watercolor pencils, colored pencils, pastels, glass paints, and unconventional tools. For those who enjoy drawing, this course will expand your tool box of possibilities. MAN148 (Wade) $99 **(No class 11/26)**

CLCE 018 C 9124 Th 10/1-12/3 5-7 p.m.

**Community Choir**
Every voice matters in this class of community members. Participate and harmonize with peers as you expand and develop your vocal range. You will also have the opportunity to perform in the Rose Center! RCA 102 (Challed)

CLCE 021 A 9132 M 9/21-11/30 7-9 p.m.

**Symphonic Band**
Non-credit section for community members. Offers rehearsal and performances of standard concert band repertoire. Activities of this college/community band include performances for special civic events in community and public concerts. Instructor approval is required to enter this course. RCA 102 (Davis) **(No class 11/26)**

CLCE 023 A 9134 Th 9/24-12/3 7-9 p.m.
Sign up now!
Corporate and Continuing Education

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

Last Name  First Name  Middle Initial  Previous Last Name

Mailing Address  City  State  Zip Code

E-mail Address  Home Phone  Work Phone  Cell Phone

ENROLLMENT INFORMATION

<table>
<thead>
<tr>
<th>Item#</th>
<th>Course Description</th>
<th>Dept.</th>
<th>Course</th>
<th>Section</th>
<th>Room</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>1111</td>
<td>Sample Course Title</td>
<td>CLCE</td>
<td>9999</td>
<td>A</td>
<td>DTV 201</td>
<td>MW</td>
<td>7 p.m.</td>
<td>9/21</td>
<td>$49</td>
</tr>
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</table>

Have you ever attended classes at LCC?

❑ Yes  ❑ No  Last year attended __________________________

How did you hear about this class?

______________________________

Any other classes you’d like to see at LCC?

______________________________

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

Note: Buildings are not physically numbered. The numbers on this map are for key purposes only. Parking permits are required in all lots.
Take a look inside and start planning your next chapter.

Whether you are preparing to enter or move up in the workforce, planning to transfer to a university, or just want to learn something new, LCC offers a high quality, affordable option located right here in the community.

- What’s new at LCC – page 3
- How to pay for college – page 7
- Special services for veterans – page 7
- See if you qualify for special funding for college – page 7
- Student resources and services – page 8
- Class offerings for the quarter – page 10
- Donate to the Student Success Fund – page 13
- Host an International Student – page 16
- Arts and Entertainment – page 20
- New bachelor degree and certificate options at LCC – page 20
- How to attend LCC tuition-free while you’re in high school – page 21
- Corporate and Continuing Education – page 34

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