FALL 2015 SCHEDULE

Classes start the week of September 21!

Partnership yields a healthy harvest
p. 37
FALL QUARTER 2015 CALENDAR

Tuition and fees due ................................................................. Aug. 26
Open Registration Begins ...................................................... Sept. 2
Labor Day Holiday (Campus Closed) ................................. Sept. 7
First Day of Classes ........................................................... Sept. 21
Online Classes Begin .......................................................... See page 39
All-Campus Meeting (No Classes) ...................................... Oct. 9
Veterans Day Holiday (Campus Closed) ......................... Nov. 11
Advising Day (No Classes, BAS-AM classes meet) .......... Nov. 17
Thanksgiving Holiday (Campus Closed) ......................... Nov. 26-27
Last Day of Classes ........................................................... Dec. 4
Final Examinations ............................................................ Dec. 7, 8, 9
Quarter Break ..................................................................... Dec. 10-Jan. 3

CENTRALIA COLLEGE MISSION STATEMENT
Improving people’s lives through lifelong learning.

CENTRALIA COLLEGE GOALS

Access
Centralia College shall provide quality education at an affordable price to the widest range of students.

Diversity
Centralia College shall provide an inviting and supportive learning environment to those populations that have been traditionally underserved by higher education.

Educational Programs
Centralia College shall provide to our greater community an ever-increasing number of educated people having the knowledge, skills, attitudes, values, and behaviors to become lifelong learners and productive and responsible citizens capable of realizing their highest human potential.

Personal and Community Enrichment
Centralia College shall provide diverse multicultural, musical, theatrical, artistic, athletic, instructional, and social experiences for lifelong learning and community enrichment.

Stewardship
Centralia College shall serve as a model of effective stewardship to the citizens of Washington.

PROGRAMS OF STUDY

BACCALAUREATE PROGRAMS
Bachelor of Applied Science – Applied Management
Bachelor of Applied Science – Diesel Technology

TRANSFER PROGRAMS
Anthropology ......................................................... Humanities
Biology .............................................................. Mathematics
Botany .............................................................. Media Studies
Business Administration ................ Natural Resource Management
Chemistry ........................................................... Physical Education/
Construction Management ................ Health and Recreation
Dramatic Arts ....................................................... Physics
Early Childhood Education ................... Pre-Chiropractic
Earth Sciences ................................................. Pre-Dental Hygiene
Education ............................................................. Pre-Medicine
Engineering ......................................................... Pre-Pharmacy
English .............................................................. Pre-Physical Therapy
Environmental Science ....................... Pre-Veterinary Medicine
Fine Arts .............................................................. Psychology
Foreign Language ........................................ Social Studies
Graphic Design .................................................. Technology
History

WORKFORCE PROGRAMS
Accounting ......................................................... Diesel Equipment Technology
Accounting Clerk ................................................ Early Childhood Education
Administrative Assistant ...................... Electronics, Robotics, Automation
Business Office Technology ................. Energy Technology
Chemical Dependency ........................ Medical Administrative Assistant
Computer Science Technology ............. Medical Assistant
Corrections Officer ........................................ Nursing (RN)
Crime Scene Investigations ................ Power Plant Operations
Criminal Justice

Note: this list is subject to change and may not include all programs available. Please check with the counseling center or an advisor for complete information.

Connect with us!  
WWW.CENTRALIA.EDU • 360-736-9391
Getting Started

BECOMING A CENTRALIA COLLEGE STUDENT IS EASY AND FREE!

01 Apply for Admission
Apply for admission online at www.centralia.edu/admissions or stop by the Admissions Office in the Student Center.

02 Apply for Financial Aid and Scholarships
Complete a Free Application for Financial Aid (FAFSA) and submit an Institutional Data Sheet. For more information, contact Financial Aid at 360-736-9391, ext. 234.

03 Take a COMPASS Test
The COMPASS Test helps us find the right classes for you. For more information, call 360-736-9391, ext. 216 or visit www.centralia.edu/students/testing.html.

04 Get Advised and Register
Visit the Advising Center in the Student Center for orientation and class registration. For more information, call 360-736-9391, ext. 265.
How to Register

CURRENT STUDENTS
You must meet with your advisor on Advising Day or during advising week to plan your classes and receive your registration PIN. You are expected to contact your advisor BEFORE Advising Day to set up an appointment. After meeting with your advisor, visit www.centralia.edu/students/kiosk.html to access your registration time, login, and register for classes.

IMPORTANT
If you do not meet with your advisor each quarter, you will lose your priority registration status.

NEW AND TRANSFER STUDENTS
1. Apply for admission.
2. Apply for financial aid.
3. Take your placement test (or submit to the Admissions Office official documentation demonstrating qualifying grades, placement, or test scores no more than three years old.)
4. Contact the Advising/Counseling Center to arrange orientation and registration.

For more information, visit www.centralia.edu/admissions/register.html.

RETURNING STUDENTS
Complete the returning student online application. After you complete and submit your Returning Student Update Form, you will be sent an email that includes your registration time. Before registering, see the advisor you were assigned when you last attended Centralia College. If you forget or need a different advisor, contact the Advising/Counseling Center at 360-736-9391, ext. 265, or advising@centralia.edu. If you do not meet with your advisor, you must come to the Admissions Office to register for classes during open registration. Be aware, you will not receive priority registration for future quarters.

VETERAN STUDENTS
Please contact the Admissions Office at 360-736-9391, ext. 684. You may qualify for early registration.

NON-DEGREE SEEKING STUDENTS
If you want to take a class or two for personal enrichment, you do not need to apply for admission. Simply download and complete the registration form at www.centralia.edu/admissions/forms.html. Send your completed form, along with a check, money order, or credit card number to the address listed on the bottom of the form (no cash please). Mail-in registrations will be processed on a first-come, first-served basis. If the class is filled, payment will be returned to you. Registration forms may also be submitted in person to the Admissions Office, by e-mail to admissions@centralia.edu, or by fax at 360-330-7112.

AUDITING A CLASS
You may attend a class but not receive credit. To do this, register as an “auditor.” Auditors pay regular credit hours and lab fees. You will not take exams or receive credit for the course. Your transcript will show an “N” for an audited class.

If you have questions or need help, please contact the Admissions Office at 360-736-9391, ext. 221, or admissions@centralia.edu.

ADDING/DROPPING/WITHDRAWING FROM CLASSES
You can add and drop classes for a limited time at the beginning of each quarter. To add or withdraw officially from a class, you must submit a Change of Schedule form to the Admissions Office.

IMPORTANT
• Adding and dropping classes are serious steps. Consult with your advisor first. If you are receiving financial aid and/or scholarships, consult with the Financial Aid Office to avoid jeopardizing your aid.
• If you stop attending class, you will NOT be dropped or withdrawn automatically. You must withdraw officially. To do so, you must submit a Change of Schedule form to the Admissions Office. If you do not, you may receive a failing grade in your class.
• You are required to pay for any classes for which you register. Refunds are available for a limited time at the beginning of each quarter.

INSTRUCTOR-INITIATED WITHDRAWAL
In order to make space for students waiting for a seat, an instructor may withdraw any student who does not attend the first two class hours or the first lab session. If you are unable to attend your first two class hours or lab session, you must alert your instructor beforehand to develop a plan to make up missed work.

If you do not show up or stop attending, do not assume you will be dropped or withdrawn automatically. You must withdraw officially. To do so, you must submit a Schedule Change Form to the Admissions Office. If you do not, you may receive a failing grade in your class. You are required to pay for any classes for which you register. Refunds are available for a limited time at the beginning of each quarter.

WHO CAN ENROLL?
You may enroll if you are a high school graduate or at least 18 years of age. High school students may take classes with written approval from their high school principal and the Director of Enrollment Services.

RUNNING START
The Running Start program allows eligible high school juniors and seniors to enroll in college classes and earn high school and college credits. To learn more about Running Start, contact the Advising/Counseling Center at 360-736-9391, ext. 265.
VETERAN BENEFITS AND SERVICES
Centralia College is committed to assisting eligible students in applying for veteran’s benefits and working closely with veteran’s services personnel. All veterans, reservists, or dependents of veterans seeking veteran’s assistance to attend college should contact the Admissions Office at 360-736-9391, ext. 684.

DISABILITY ACCOMMODATIONS
If you need disability accommodations or have questions about available services, contact Disability Services at 360-736-9391, ext. 320, or visit www.centralia.edu/students/disabilities.

NOTICE TO STUDENTS
Although we make every effort to ensure accuracy in this class schedule, the information in this publication is subject to change without notice.

HOW MUCH WILL IT COST?
Tuition is set by the Legislature and is subject to change by legislative action. Community education courses, which are entirely self-supporting and not tax-funded, have varying fees based on the cost of providing each course. Laboratory and special fees vary for all courses and are noted in the course listing. In addition to the cost of tuition, you should plan for the purchase of textbooks and supplies. Tuition must be paid separately from books and supplies.

STATE SUPPORTS TUITION
The average cost of educating a resident full-time student not enrolled in a bachelor’s degree program for the 2014-15 academic year was $6,282. Centralia College students paid an average of $3,217 in tuition. The remaining $3,065 was paid for by the state of Washington via state taxes and other major moneys.

International students must pay non-resident tuition and fees regardless of length of stay in the United States. Bachelor’s degree program students should refer to the BAS tuition chart.

FEES
In addition to tuition, a $10 fee voted by the Associated Students of Centralia College is charged each quarter to support funding of student programs and activities, and a fee of 5 percent per credit (up to 18 credits) is charged to support the construction of the new Student Center. A fee of $4 per credit (up to 10 credits, or a maximum $40 per quarter) is also charged. Additional fees may be required for correspondence, online and lab courses.

All tuition and fees must be paid in full at time of registration.

STUDENT INSURANCE
Student injury and sickness insurance is available. The plan is available to all registered students taking six or more credit hours per quarter. For complete information on the plan, contact the Student Life and Involvement Center at 360-736-9391, ext. 224.

REFUND POLICY
If you register or begin a class and then must withdraw, you must submit a Change of Schedule form (available in the Admissions Office). Refunds cannot be arranged by telephone.

Refunds are given according to the following schedule:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Date</th>
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<tbody>
<tr>
<td>100%</td>
<td>Sept. 25</td>
</tr>
<tr>
<td>50%</td>
<td>Oct. 2</td>
</tr>
<tr>
<td>40%</td>
<td>Oct. 12</td>
</tr>
</tbody>
</table>

No refund after Oct. 12

For classes beginning after the first week of the quarter, refunds will be calculated consistent with the above rules. Refunds will be issued only after other student debts are paid. Refunds for students receiving financial aid and/or assistance will be made directly to the sponsoring agency (not the student).

Centralia College distributes refunds for payments made by check or cash in the mail, by check: please allow 12 working days for processing. A check will not be issued for refunds of less than $5 but the refund can be applied to subsequent charges within a year. Refunds for payments made with a credit card will be credited to the same credit card account.

It is your responsibility to officially withdraw through the Admissions Office to receive a refund.

NSF CHECK POLICY
Centralia College charges $25 for each NSF check received from the bank. A hold will be placed on registration, grades, transcripts, etc. until the NSF check and NSF charges are settled. All NSF checks are sent to collections in 15 days. The collection agency charges the student an additional $40 collection fee and 12 percent interest. When the NSF check is for tuition (including lab and other fees), Centralia College may elect to cancel the student’s registration.

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All tuition and fees must be paid in full at time of registration.
New programs this fall at Centralia College!

**Industrial Automation**

Starting this fall, Centralia College is offering a two-year training program in Industrial Automation. The associate degree program prepares students for entry-level positions in the installation, repair, and preventative maintenance of industrial machinery, as performed by industrial maintenance mechanics or millwrights.

“The Industrial Automation program includes training in electronics, robotics mechatronics, and welding to expose students to the skills necessary to repair, install, adjust, and maintain industrial machinery,” explained Durelle Sullivan, dean of workforce training. “The program was developed with local employers, who have jobs available right now.”

Students who complete the program will simultaneously earn forklift, flagger, First Aid and CPR, and industry-specific robotics certifications.

**Land Survey and Mapping Technician**

Starting in September, Centralia College is offering a new program for adults seeking careers in land surveying and mapping. The job is perfect for those who who enjoy math and computers, but hate the idea of working at a desk.

In this one-year job training program, students learn field survey techniques, calculations, and office skills using hands-on training on a variety of instruments.

Students can earn both a Land Survey and Mapping Technician Certificate and Computer-Aided Drafting (CAD) Certificate.

Early registration is recommended, since financial aid paperwork can take several weeks to process. Classes start Sept. 21.

For more information, contact Workforce Education at 360-736-9391, ext. 427.
Centralia College welcomes new dean

Christian Bruhn, Centralia College's new dean of academic transfer, is excited to be part of a college that is closely connected to its community.

After working at urban community colleges in the greater Seattle area, Bruhn said he is ready for a change.

“I wanted something more rural...to be part of a college that serves its county and community,” he said.

Seeing the positive community involvement at Centralia College for the Seattle to Portland Bicycle Classic on July 11-12 confirmed for Bruhn that Centralia is the right place for him.

The mountains and rivers of rural Lewis County were also a big draw for the outdoor enthusiast. Bruhn, who recently moved to Centralia, is looking forward to spending time hiking, swimming, and mountain climbing in the area.

A Pacific Northwest native, Bruhn attended the University of Washington and later transferred to Central Washington University, where he earned his bachelor’s and master’s degrees in exercise science. Currently, he is working on his doctorate through Oregon State University. His dissertation focuses on community college leadership.

Bruhn has experience both as a professor and program director at community colleges in the Seattle area. He most recently served as the director of business development at the Redmond branch of the Lake Washington Institute of Technology.

As CC’s new dean of academic transfer, Bruhn oversees all academic transfer courses and programs. He’s looking forward to directly supporting student success and “having a positive impact on students, their academic pathways, and the direction they want to go in their future.”

Softball team collecting shoes for impoverished people

The Centralia College softball team is collecting new and gently used shoes through Oct. 15 to raise funds for travel expenses and equipment.

The softball team is collecting shoes for Funds2Orgs, a non-profit organization that helps impoverished people start, maintain, and grow businesses in Central America and Africa.

By donating shoes to the Centralia College softball team, the shoes will be given a second chance and make a difference in people’s lives.

Gently worn and new shoes can be dropped off at the Centralia College gym. Pickup of several bags of shoes can be arranged by contacting Coach Matt Bajo at 360-824-0160 or Sandy Ingle at 360-736-9391, ext. 345. All types and styles of footwear are accepted.
Centralia College names the 2015 Exceptional Faculty Award winners

The Centralia College Foundation has selected Brian Tyrrell and Greg van Alstyne to receive the 2015 Exceptional Faculty Awards. They were chosen for their commitment to and excellence in their subject areas, and participation in campus activities, civic organizations, community service, and/or professional organizations.

BRIAN TYRRELL

For 24 years, Brian Tyrrell has invested his time, talent, and teaching skills into Centralia College’s dramatic arts program. He has directed and/or produced 94 plays and musicals involving more than 550 Centralia College students as actors and technicians.

His past awards include the Exemplary Status Award from the Washington Community and Technical College Humanities Association, Exceptional Faculty Award, NISOD Excellence in Teaching Award, and Golden Medallion, the highest award from the Kennedy Center/ American College Theatre Festival.

GREG VAN ALSTYNE

With three masters’ degrees and a doctorate in social and cultural anthropology from Oxford University, anthropology professor Dr. Greg van Alstyne has impressive academic credentials. However, it is his firsthand experiences—spending more than 10 cumulative years in more than 65 different countries—that bring depth and passion to his teaching.

When Dr. van Alstyne started teaching at Centralia College 20 years ago, there was only one anthropology course. Over time, he developed five more courses. In addition, he developed and co-led 13 different anthropological field trips to parts of Latin America and Cambodia, immersing students in indigenous cultures.

Dr. van Alstyne has been named the Phi Theta Kappa Outstanding Faculty Member of the Year, and received the Exceptional Faculty and NISOD Excellence awards.

Taking CHEM 161 this fall?

Students planning to enroll in General Chemistry (CHEM 161) this fall are encouraged to attend the first ever Chemistry Boot Camp from 10 a.m. to 3 p.m. Friday, Sept. 11.

Organized and led by chemistry professor Karen Goodwin, the free one day science “basic training” camp will run students through chemistry skills and drills, covering material at a quick pace but in a fun and relaxing atmosphere.

Goodwin and fellow chemistry professor Dr. Ruby Nagelkerke will teach mini-lessons, then students will break into smaller groups to play review games to reinforce those skills.

A free pizza lunch will be served.

To register for Chemistry Boot Camp, call 360-736-9391, ext. 794 or email kkingram@centralia.edu.

Space is limited, so early registration is recommended. The boot camp is free and students who complete the program may be eligible for free textbooks. All participants will get free lab goggles and a periodic table pen.
During fall quarter, students enrolled in Biology 221 with Dr. Lisa Carlson can expect to get their hands and feet dirty as they take the classroom outdoors.

Equipped with tape measures and tags, students will hike through the Seminary Hill Natural Area to gather data from eight permanent plots. Within each plot, students will tag and identify trees, and measure the diameter and height of each to determine volume. This data will be used to roughly calculate the amount of carbon dioxide the trees remove from the atmosphere.

Carlson will then ask the class to compile the data to compare the carbon footprint of Centralia College to the carbon absorbed on Seminary Hill. Students in Carlson's classes have been gathering data from Seminary Hill to monitor carbon absorption since 2010. Carlson hopes to establish a data trend over time.

In addition to monitoring the trees, students will also make leaf bags from window screen. The mesh bags, measuring about the size of a piece of paper, will be filled with alder or oak leaves and taken to the O'Neill Natural Area on River Heights Road. There, the bags will be covered with decomposing material or moss and left for one year. Next year, students in the incoming class will weigh the leaf bags again and record the difference to determine the rate of decomposition.

Both projects work together to give students a better understanding of the global carbon cycle. As they step outside, these future scientists and biologists ultimately gain a better awareness of their own carbon footprints and how they impact nature.
CENTRALIA COLLEGE OPEN HOUSE

5:30-7:30 p.m.  
Wednesday, Oct. 7  
Health and Wellness Center (Gym)

- Tour the campus  
- Connect with college programs and services  
- Learn to navigate financial aid and the admissions process  
- Enter to win a $500 scholarship


Daytime child care available

Centralia College’s Child Development Center accepts children ranging in age from one month to five years. Parents need not be students to enroll their children, but current Centralia College students have a reduced cost.

Fall quarter hours are 7:30 a.m. to 5:30 p.m. Monday through Friday. The center is closed holidays and weekends. Evening care is not available.

Parents are advised to reserve a space early. Slots for children, including infants, are available on a first-come, first-served basis. To reserve a space or for more information, call 360-736-9391, ext. 462.
CC to offer online business degree – Start TODAY!

Starting in January, Centralia College is offering a fully online Competency-Based Associate of Arts – Business Transfer degree.

That means you can earn college credits by showing us what you know. You don’t have to take a bunch of classes you don’t want, and you don’t have to retake classes you’ve already taken. You’ll prove your knowledge and skills by taking tests, writing papers, and completing assignments.

Why Centralia College?

The Competency-Based Degree means never having to spend time relearning what you already know. If you have business experience and you’re skilled in a subject area, you can prove it faster and complete your degree faster.

You can go fast. With this new degree option, you can complete your degree as soon as you successfully complete all of the necessary assessments. You don’t have to wait for specific classes or follow a set path.

You can save money. Since tuition is charged at a flat rate every six months (you pay for time, not credits), the faster you finish, the more money you save. And, since this program uses free online resources, you won’t be buying traditional textbooks.

Your degree proves you know your stuff. The competency-based approach is widely recognized by most corporations as the basis for promotions and advancement. You’ve already proven you can do the work. Now you can get the degree!

How do I get started?

Contact Katie Dailey at 360-736-9391, ext. 608. She can walk you through the process of applying and get you on track to start your degree.
REGISTER NOW FOR CCEAST CLASSES!

Most begin the week of Sept. 21.

New student? Call CCEast and schedule your college level placement (COMPASS) test and make an appointment to meet with an advisor. Financial aid assistance is available by appointment.

2015 FALL QUARTER CLASSES

The following classes are being offered at CCEast. For meeting times and course descriptions, refer to the class listing.

Academic Transfer
- English Composition I (C) ...................................................(ENGL& 101)
- Intro to Chemistry (S) .........................................................(CHEM& 111)
- General Psychology (SS) ...................................................... (PSYC& 100)
- Stress Management (HF) ..................................................... (HLTH 143)
- Pilates / Core (HF) .................................................................... (PE 152)
- Natural Hazards & Catastrophes (S) ..................................... (GEOL 108)
- Spanish I (H) ..................................................................... (SPAN& 121)
- Lyceum Lecture Series .......................................................... (HUM 281)
- Art Exploration: Latin American Celebrations.........................(ART 297)

Workforce Education
- Human Relations in the Workplace ....................................... (HR 110)
- Business English ................................................................... (BTEC 110)
- Intro to Chemical Dependency ............................................. (CDP 100)
- Counseling Adolescents ......................................................... (CDP 140)
- Keyboard Skillbuilding I ........................................................ (BTEC 102)
- Word I & II ......................................................................... (BTEC 210, 219)
- Excel ..................................................................................... (BTEC 214)
- PowerPoint Module .............................................................. (BTEC 222)
- Ten-Key Calculator .............................................................. (BTEC 220)
- Filing .................................................................................... (BTEC 233)
- Individual Income Taxes ....................................................... (ACCT 260)
- Payroll Accounting .............................................................. (ACCT 270)
- Principles of Accounting III .................................................. (ACCT 203)
- Work Experience Seminar .................................................... (BTEC 191)
- Cooperative Work Experience .............................................. (COOP 190)

Transitional Education
- Spelling ................................................................................ (ENGL 094)
- Vocabulary Development ..................................................... (ENGL 095)
- Grammar Review .................................................................. (ENGL 098)
- Fundamentals of English ....................................................... (ENGL 099)
- Reading Improvement .......................................................... (READ 099)
- Basic Math ...........................................................................(MATH 095)
- Pre-Algebra .......................................................................... (MATH 096)
- Algebra I & II .......................................................................(MATH 098, 099)

Community Business
- Community Business (SMGT) classes are not transcripted and are offered at a reduced rate. Skills gained from these classes may be applied to the business setting or for professional development.
  - Microsoft Excel – Brief .................................................... (SMGT 120)
  - Microsoft Word ................................................................(SMGT 197)
  - Microsoft PowerPoint ....................................................... (SMGT 298)

Adult Basic Education
- Adult Basic Education courses prepare students for the GED and college prep courses.
  - GED Prep/ABE Math, Writing and Reading

Community Education
- Adult special interest classes are designed for learning new skills and information in a non-credit, non-graded, relaxed setting. Tuition is offered at a reduced rate.
  - Better Bones & Balance
  - Pilates / Core
  - Lyceum Lecture Series
  - Computers for the Fearful
  - Art Exploration: Latin American Celebrations
  - Learning & Playing (Child & Family Studies)
Room/building abbreviations

CAF................................................................. Cafeteria
CDC ............................................................... Child Development Center
CTC ............................................................... Chehalis Tribal Center
DSL .............................................................. Diesel Section of Technology Center
FTE ............................................................... Flying Tiger Arts Center – Centralia
HFL ............................................................... Home and Family Life
HWC ............................................................. Health and Wellness Center
HVF ............................................................... Fitness Center – Morton
KMP ............................................................... Kemp Hall
LIB ............................................................... Kirk Library
MOR ............................................................. Centralia College East – Morton
MOS ............................................................. Mossyrock High School
NRA ............................................................. No Room Assigned (as of printing)
ONL ............................................................. Onalaska High School
PAC ............................................................... Packwood
RAN ............................................................. Randle Site at the Randle Nazarene Church
ROC ............................................................. Rochester
ROX ............................................................. Roxy Theater – Morton
SCC ............................................................. Sharon Care Center
TEC ............................................................... Technology Center
TEE ............................................................... TEEN House (formerly LAX)
THO ............................................................. Thorbecke’s FitLife Centers
UMC ............................................................. United Methodist Church Annex in Morton
WAH ............................................................. Washington Hall
WSC ............................................................. Walton Science Center
WLD ............................................................. Welding Section of Technology Center

Section codes have meaning!

If your class has a number in the section, see below for details!

1 = Fully online
2 = e Correspondence
3 = Hybrid (some class time replaced with online activities)
4 = Web enhanced (some class resources, files or activities are online)
5 = Flexible (students can choose to attend class online, on campus, or any combination)

Courses with ◎ have online requirements. Enrollment in an online, eCorrespondence, hybrid or web-enhanced class will result in a once per quarter, once per student $4 fee. Additionally, a $2 per credit fee will be applied for online and eCorrespondence courses. When registering for classes with online components students are required to submit an email address.

Centralia College Board of Trustees

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Centralia College Values Diversity

Courses designated with a (D) focus on experiences of people traditionally under-represented in American history. At least one D-course is required for an associate degree. Some are only offered once a year. See course descriptions for more details.

Diversity courses offered Fall 2015:
- ANTH 100 (5) Survey of Anthropology (D)(SS) 1-3:20pm MW
- ANTH 206A (5) Cultural Anthropology (D)(SS) 9-9:50am Daily
- ANTH 225AP1 (5) Cultural & Ethnic Pluralism (D)(SS) Online
- ART 200A4 (5) Art History: Ancient (D)(H) 11-11:50am Daily
- CHIN& 121A4 (5) Chinese I (D)(H) 11-11:50am Daily
- CMST 250N3 (5) Intercultural Communications (D)(H) 5-6:50pm W
- GEOG& 200AT (5) Human Geography (D)(SS) 1-3:20pm TTh
- HUM 110A4 (5) Ethics & Cultural Values (D)(H) 11-11:50am Daily
- SOC 225AP1 (5) Cultural & Ethnic Pluralism (D)(SS) Online

ACCOUNTING

Practical Accounting I
- 3068 ACCT 110A4 (3) 8-8:50am MWF WAH 209 Carlson E
Emphasizes fundamental principles of double-entry accounting as applied to bookkeeping systems. The course focuses on the development of the accounting cycle for small businesses and professional organizations.

Financial Reporting
- 4141 ACCT 200A (5) 12-1:20pm MWF NRA Carlton
This course emphasizes the fundamentals of double-entry accounting and the preparation of financial statements for business entities. Topics include, but are not limited to, accounting for assets, liabilities, equity, revenue and expenses. Prerequisite: minimum COMPASS score of MATH 096 or evidenced score entrance equivalent.

Principles of Accounting I
- 3074 ACCT& 201A4 (5) 12-1:20pm MWF WAH 115 Rabe
- 3076 ACCT& 201B5 (5) Flexible Rabe
This course emphasizes fundamental principles of double-entry accounting and the preparation of financial statements for sole proprietorships. Prerequisite: MATH 098 or equivalent or consent of instructor.

Principles of Accounting III
- 3077 ACCT& 203S4 (5) 5-8pm MTW MOR 108 Langrell
+1 lab hr/wk
This course emphasizes accounting for departments and branches, cost accounting in a manufacturing environment, cost-volume-profit analysis, budget preparation and analysis, standard costs, segment reporting, differential costs and revenues, and capital budgeting decisions. Prerequisites: ACCT& 201 and 202.

Individual Income Taxes
- 3069 ACCT 260A4 (5) 1-3:20pm TTh WAH 113 Rabe
- 3070 ACCT 260B5 (5) Flexible Rabe
- 3071 ACCT 260S4 (5) 5-8pm MTW MOR 108 Langrell
+1 lab hr/wk
Introductory course in taxation emphasizing the preparation of individual federal income tax returns. Course focuses on history, economics, social aspects, equity, and structure of the federal income tax laws of the United States. Prerequisite: ACCT& 201.

The following list of classes offered is correct on the date of publication. For current class information and list of classes offered, see Updated Class Schedules at www.centralia.edu/academics/courses.html.
Payroll Accounting

4142  ACCT 270A (3) 1:30-2:50pm MWF WAH 115 Carlton
4187  ACCT 270B5 (3) Flexible Carlton
3073  ACCT 270S4 (3) 5:30-7:20pm MTW MOR 108 Langrell

ACCT 270 is an introductory course covering aspects of the Fair Labor Standards Act, the Social Security Act, Federal Income Tax withholding laws, and other laws affecting payroll operations and employment practices. Prerequisite: ACCT& 201.

ADULT BASIC EDUCATION

Adult Basic Education Orientation

ABE/ESL students need to attend an orientation.
In Centralia, orientations are held at noon weekdays in the Kirk Library on the main campus.
In Morton at Centralia College East, orientation and registration appointments can be made by calling 360-736-9391, ext. 380 or 360-496-5022.

English as a Second Language Lab

Students learn to listen, speak, read, and write English. Students are able to thrive in the community and at work. Students can also prepare for other college classes, including job programs.

Adult High School Diploma (HS21+)

To earn a high school diploma (HS21+) at Centralia College, students must:
• Be 21 at the time of completion
• Bring a high school transcript and photo ID
• Attend an orientation (held at noon weekdays in the Kirk Library)
  All students take reading, writing, and math classes. They also attend a study skills lab, where they finish the classes not on their transcripts. The quarterly tuition is $25 (waivers are available).

GED 2014

The GED 2014 program is open to students age 16 and older. (Any student younger than 19 must also provide a high school release form.) Orientation is held at noon weekdays in the Kirk Library.
All GED students take reading, writing, and math classes. They also attend a study skills lab, where they study social studies and science. GED classes are $25 per quarter (waivers are available).

Work Skills Development

Students with a high school diploma or GED can take work skills development classes to prepare for job training programs or for entering the job market. Orientations are held at noon weekdays in the Kirk Library. Classes are held in the mornings. Cost is $25 per quarter (waivers are available).

Basic Skills Improvement

Students with a high school diploma or GED, can brush up on their reading, writing, and math. Classes are held from 5-8:45 p.m. Monday-Thursday. Cost is $25 per quarter (waivers are available). Students enrolled in basic skills improvement classes can take other college classes at the same time. Call 360-736-9391, ext. 216 or visit the Testing Center in the Kirk Library for help.

Reading for Civics

Reading for Civics is a Citizenship preparation class. Students learn to complete the N-400 (Citizenship) application and prepare for the naturalization interview with USCIS. They also practice reading, writing, speaking, and listening in English. Students may register any time during the quarter by attending an ESL orientation. Students must also enroll in ESL classes.

American Sign Language

American Sign Language I

3099 ASL & 121A (5) 12-2:20pm TTh WSC 109 Rogers

An introductory course in American Sign Language (ASL). Topics covered include visual awareness, vocabulary, basic grammatical principles, comprehension skills, and the historical overview of the deaf community and its language.

Anthropology

Cultural Anthropology (SS)(D)

3081 ANTH& 206A (5) 9-9:50am Daily WSC 208 van Alstyne
4115 ANTH& 206B (5) 12-12:50pm Daily WSC 208 van Alstyne

Explore the whole of the human social and cultural world by means of investigating other people’s beliefs and behaviors. Through a cross-cultural perspective we attempt to understand others in order to better learn about ourselves.

Cultural & Ethnic Pluralism in Contemporary Society (SS)(D)

3079 ANTH 225A1 (5) Online Medlin

Examine ethnicity, ethnic identity, and cultural characteristics of ethnic and social groups in North America and around the world. Understand the relationship between social organization and forms of social, economic, and political domination and subordination.

Art

Art Appreciation (H)

3090 ART& 100A3 (5) 10-10:50am MWF WAH 109/116 Frey

Introduction to the visual arts. Painting, drawing, sculpture and architecture will be examined as art forms and for their role in human history. Students are introduced to a variety of art media and techniques.

Drawing I (H)

3082 ART 102A4 (5) 1-3:50pm MW WAH 116/108 Frey

Study the fundamentals of drawing: composition, technique and manipulation of materials, and exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Lab fee $8.96.

Drawing II

3083 ART 103A2 (5) 1-3:50pm MW WAH 116/108 Frey

Intermediate level study of the fundamentals of drawing: composition, technique and manipulation of materials, and exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Prerequisite: ART 102 or instructor permission. Lab fee $8.96.
**Drawing III**

- **3084** ART 104A4 (5) 1-3:50pm MW WAH 116/108 Frey
  
  Advanced level study of the fundamentals of drawing: composition, technique and manipulation of materials, and exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Prerequisite: ART 102, 103 or instructor permission. Lab fee $8.96.

**Computer Graphics**

- **3085** ART 130A3 (5) 9-9:50am Daily WAH 214 Solomon
  
  An overview of computer programs used to create images for print and screen, still and moving. Gain basic skills in design and programs by creating digital art work in a series of assignments. Lab fee $50.

**Digital Photography (H)**

- **3087** ART 174A3 (5) 12-12:50pm MTW WAH 214 Solomon
  
  An introduction to digital photography as an expressive art form. Students explore the creative and technical requirements of digital imaging, and examine the contributions of contemporary fine artists working in this medium. Prerequisite: basic computer experience. Lab fee $50.

**Art History: Ancient (D) (H)**

- **3089** ART 200A4 (5) 11-11:50am Daily WSC 213 Frey
  
  A survey of the development of art in Europe, the Near East, and Asia from prehistoric times through the 14th century. The course explores developments in architecture, painting, sculpture and other art forms.

**Digital Darkroom**

- **4126** ART 274A3 (5) 10-10:50am Daily WAH 214 Solomon
  
  Intermediate course on photo editing in Photoshop. Learn non-destructive editing techniques for lighting, color adjustment and compositing. A camera is required. Recommended prerequisite: ART 174.

**Art Explorations**

- **4177** ART 297R (2) 10:30-1:20pm F MOR 101 Cantin
  
  Discover and explore works of art through slide lectures, seminars, and creative hands-on art activities, including mask-making and festival projects. This 3-hour art workshop is designed for all abilities and experience. The focus is on the art and cultures of Latin America from pre-Columbian Mexico, Central America and Peru and their influence on world art through the conquest to the contemporary art of today.

**ASTRONOMY**

**The Solar System & the Universe (S)**

- **3100** ASTR 127AP1 (5) Online Garcia
  
  Brief overview of the history and scope of astronomy, followed by a systematic study of the solar system, stars, galaxies, and the universe. Prerequisite: one year high school algebra or MATH 098.

**BIOLOGY**

**Survey of Biology (S)**

- **3112** BIOL& 100A4 (5) 1-2:50pm TTh WSC 111 Jewell
  
  3-4:50pm T WSC 303 Jewell

  Surveys the structures and functions of cells and organisms. Explores basic genetic and evolutionary processes, and outlines the characteristics of life, its history, and biodiversity. Lab fee $18.46.

**Human Biology (S)**

- **3113** BIOL& 170A4 (5) 10-10:50am Daily NRA Jewell
  
  Presents the structure, organization, and life functions of the human; cells, tissues, and organ systems; development from embryo to adult; aging and disease; human evolution and ecology.

**Human Biology Lab**

- **4116** BIOL 172A (1) 1-2:50pm F WSC 314 Jewell
  
  Investigate the structure and function of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, immune respiratory, digestive, urinary, and reproductive systems. Prerequisite: BIOL& 170. Lab fee $18.46.

**Majors Ecology/Evolution (S)**

- **3114** BIOL& 221A4 (5) 11-11:50am MTWTh WSC 111 Carlson L
  
  2-3:50pm T WSC 307 Carlson L

- **4100** BIOL& 218B4 (5) 11-11:50am MTWTh WSC 111 Carlson L
  
  2-3:50pm W WSC 307 Carlson L

  Ecology, evolution, taxonomy and phylogeny, diversity of life forms. First course in a three-quarter series (BIOL& 221, 222, 223). Prerequisite: high school biology or BIOL& 100 and MATH 098 or equivalent. Lab fee $20.96.

**Human A & P 1 (S) (formerly ZOOL 251)**

- **3115** BIOL& 241A4 (5) 12-12:50pm MTWTh WSC 121 Norton
  
  2-3:50pm T WSC 314 Norton

- **4101** BIOL& 241B4 (5) 12-12:50pm MTWTh WSC 121 Norton
  
  2-3:50pm W WSC 314 Norton

- **4102** BIOL& 241C4 (5) 12-12:50pm MTWTh WSC 121 Norton
  
  4-5:50pm T WSC 314 Norton

- **4103** BIOL& 241D4 (5) 12-12:50pm MTWTh WSC 121 Norton
  
  4-5:50pm W WSC 314 Norton

  Investigate interactions between structure (anatomy) and function (physiology) essential for human health, and the organization and function of macromolecules, membranes and the cell, tissues, integument, skeleton and articulations, skeletal muscles, nervous system and the brain. Prerequisites: high school biology and chemistry or BIOL& 100 or BIOL& 170 and CHEM& 121. Lab fee $18.46.

**Research in Biology**

- **3110** BIOL 270A (1-12) ARR ARR ARR Norton

- **3111** BIOL 270B (1-12) ARR ARR ARR Carlson L
  
  Design a research project, set up experiments, collect data in the lab or in the field, and/or analyze data. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.
BUSINESS ADMINISTRATION

**Intro to Business**
- Code: 3164 
  - BUS& 101A (5)
  - 8-8:50am Daily WSC 211 
  - Counts
- Introduction to the world of business. Emphasis will include functions of business, management, types of business ownership, human resources, production, marketing, ethics, and the role of accounting.

**Business Math**
- Code: 4184 
  - BUS 121AP1 (5) Online 
  - Crawford
- Survey the commercial application of mathematics designed to assess and analyze business activities and their effect on cost, profitability and overall performance.

**Business Law**
- Code: 3166 
  - BUS& 201AT4 (5) 
  - 11-11:50am MWF WSC 211 
  - Rabe
- Emphasizes the managerial implications of financial risk.

**Principles of Finance**
- Code: 3161 
  - BUS 215A4 (5) 
  - 1:30-2:50pm MWF WSC 107 
  - Brown

**Marketing**
- Code: 3163 
  - BUS 220A3 (4) 
  - 10-10:50am Daily WSC 213 
  - Smejkal
- A broad overview of the market structure and marketing philosophies currently used in business. Includes a description, analysis, and evaluation of the marketing system. Each student conducts a marketing research project.

**Entrepreneurship**
- Code: 4185 
  - BUS 232AP1 (5) Online 
  - Brown
- Experience the challenge and reward of planning a new business. Topics include: development of a business plan, failure factors in small businesses, capital, accounting, financial statements, marketing, human resource management, legal/regulatory issues and management principles.

**Merchandising Management**
- Code: 4143 
  - BUS&240A3 (5) 
  - 9-9:50am MWF HWC 106 
  - Crawford
- This course emphasizes the principles and concepts of merchandising management and studies store management, inventory control, purchasing, pricing, logistics, customer relationship management, and advertising.

BUSINESS OFFICE TECHNOLOGY

**Keyboarding for Business**
- Code: 3122 
  - BTEC 101A4 (3) 
  - 9-9:50am Daily WAH 207 
  - Vandegrift
- For beginning students. Learn to keyboard to 25wpwm by touch. Develop speed, accuracy and apply basic word processing techniques to letters, reports and tables.

**Keyboard Skillbuilding I**
- Code: 3127 
  - BTEC 102A4 (3) 
  - 10-10:50am Daily WAH 207 
  - Copeland
- Individualized skillbuilding program for increasing keyboarding speed and improving accuracy. Upon completion of this course, students should be able to type at a minimum of 35wpwm with no more than one error per minute. Prerequisites: BTEC 101 and typing at 35wpwm or instructor permission.

**Electronic Medical Records**
- Code: 3131 
  - BTEC 107AP1 (3) Online 
  - Copeland
- Provides an overview of medical records as legal documents. Topics include the makeup of an electronic medical record, charting methods, and retention and storage of records. Course includes computerized medical record work. Corequisites: keyboarding skill, medical terminology.

**Entrepreneurship**
- Code: 3139 
  - BTEC 191RE (1) ARR 
  - Carlson E
- Topics include professional image, business etiquette, sexual harassment, conflict resolution, and diversity in the workplace. Must be taken prior to or concurrently with Co-op Work Experience.

**Cooperative Work Experience**
- Code: 3137 
  - BTEC 190A4 (1-12)ARR 
  - Arr ARR 
  - Copeland
- See description under Cooperative Work Experience heading.

**Word I**
- Code: 3140 
  - BTEC 210A4 (5) 
  - 9-9:50am Daily WAH 209 
  - Carlson E
- Class covers Word in depth: document preparation, formatting, graphics, WordArt, columns, sorts, charts, mail merge, and styles. Students format business documents to business standards. Prerequisite: keyboard skill of 35wpwm or instructor permission.

**Excel**
- Code: 3144 
  - BTEC 214A3 (5) 
  - 12-12:50pm MTWTh WAH 209 
  - Alves
- A hands-on approach for beginning through intermediate level applications of Excel spreadsheet using a variety of business applications. Prerequisites: word processing, windows, keyboard skills.
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Development of a medical vocabulary with emphasis on definition and spelling. Upon completion of this course students should recognize spoken medical terms, analyze word parts for meaning, and understand basic medical terminology.

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<td>WAH 207</td>
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A review of medical terminology and the preparation of medical transcripts. Prerequisites: 2.0 or above in BTEC 102, 110, and 260 and typing speed of 40wpm. Lab fee $7.36.

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<td>WAH 146</td>
<td>Murray</td>
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Overview of medical law/ethics for healthcare professionals in various settings: billing/coding, transcription, phlebotomy, etc. Designed to explain ethical/legal obligations to the patient, employer, and healthcare worker and clarify confidentiality requirements regarding patient records and history.

### CHEMICAL DEPENDENCY

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<td>MOR 110</td>
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Historical and current definitions of chemical dependency and abuse, and the effects of abuse on behavior, health, youth, family, special populations and society. Focus is on the nature of addictions, causality, progression, assessment, scope, intervention, treatment and prevention.

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<td>CDP Law and Ethics</td>
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Contemporary legal and ethical issues in chemical dependency counseling including professional and peer relationships, boundaries, NAADAC code of ethics, multiple relationships and values in the counseling relationship, and laws surrounding counseling, including confidentiality and HIPPA. Prerequisite: CDP 100.

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<td>Staff</td>
<td>Assess &amp; Treatment Plans 1</td>
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Focus on assessment, placement, case planning and management of substance-abusing clients. Overview of federal, state, and agency policies and procedures, assessments, treatment and discharge planning. Prerequisite: CDP 100.

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<td>MOR 110</td>
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<td>Counseling Adolescents</td>
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An overview class covering the needs of the addicted adolescent. Developmental, cognitive and physiological issues that are complicated by an adolescent’s use of alcohol or other drugs will be covered. Prerequisite: CDP 100. Corequisite: PSYC& 200.
CHEMISTRY

Introduction to Chemistry (S)

- 3222 CHEM& 121A4 (5) 11-11:50am MTWTH WSC 121 Nagelkerke
- 4104 CHEM& 121B4 (5) 11-11:50am MTWTH WSC 121 Nagelkerke
- 4105 CHEM& 121C4 (5) 11-11:50am MTWTH WSC 121 Nagelkerke
- 3223 CHEM& 121N4 (5) 4:30-6:20pm TTH WSC 121 Nagelkerke
- □ 3224 CHEM& 121S3 (5) 5-8:50pm M MOR 101 Brown

Survey of chemistry with applications in everyday life: atoms, bonds, reactions, and calculations. Prerequisite: one year high school algebra or MATH 098. Lab fee $27.69.

General Chemistry I (S)

- 3225 CHEM& 161A4 (6) 10-10:50am MTWTH WSC 121 Goodwin
- 4106 CHEM& 161B4 (6) 10-10:50am MTWTH WSC 121 Goodwin
- 4107 CHEM& 161A4 (6) 10-10:50am MTWTH WSC 121 Goodwin

First quarter of a one-year course of general chemistry for science and engineering majors: atoms, molecules and ions; stoichiometry; aqueous solution reactions; gases; energy; electronic structure; periodic table. Prerequisite: CHEM& 121 or high school chemistry AND MATH 099. Lab fee $27.46.

Organic Chemistry I (S)

- 3226 CHEM& 261A4 (6) 12-12:50pm MTWTH WSC 206 Goodwin

General physical and chemical properties of simple aliphatic and aromatic compounds. Prerequisites: CHEM& 161, 162, 163 or instructor permission. Lab fee $26.88.

Research in Chemistry

- 3220 CHEM 270A (12) ARR ARR ARR Nagelkerke
- 3221 CHEM 270B (12) ARR ARR Goodwin

Design a research project, set up experiments, collect data in the lab or in the field, and/or analyze data. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.

CHILD & FAMILY STUDIES

Learning and Playing

- 3172 CFS 110ELL (1-2) ARR ARR ARR Burkhart
- □ 3173 CFS 110MOR (1-2) 9:30-11:15am Th MOR Hanson
- 3174 CFS 110N (1-2) 5:30-7:40pm T ARR Burkhart

Parents learn about child development and how to apply that knowledge in their parenting role. Children attend some classes with parents and participate in learning activities. Lab fee $11.

Learning with Infants and Toddlers

- 3175 CFS 120B (2) ARR ARR Austin R

Parents learn about child development and how to apply that knowledge in their parenting role. Children attend classes with parents and participate in learning activities, music, discussion and art.
## CHINESE

### Chinese I (D) (H)
- 3227 CHIN& 121A4 (5) 11-11:50am Daily WSC 208 Wynder
Learn the fundamental skills of listening comprehension, speaking, reading and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture.

### Chinese IV (H)
- 3228 CHIN& 221A4 (5) 1-1:50pm Daily WSC 208 Wynder
Continued study of the fundamental skills of listening comprehension, speaking, reading and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture. Prerequisite: CHIN& 123 or instructor permission.

## COMMUNICATION STUDIES

### Introduction to Mass Media (H) (formerly JOUR 160)
- 3239 CMST& 102A (5) 10-10:50am Daily WAH 103 Fisher
- 4117 CMST& 102BP1 (5) Online Williams
A survey of the mass media in America: newspapers, magazines, books, recorded music, radio, television, motion pictures, the World Wide Web: with emphasis on structure, function, audience, content, effect and social responsibility.

### Public Speaking (H) (formerly SPEE 110 and SPEE 220)
- 3240 CMST& 220A4 (5) 8-8:50am Daily WSC 204 McQuarrie
- 3241 CMST& 220B4 (5) 9-9:50am Daily WAH 105 McQuarrie
- 3242 CMST& 220C4 (5) 10-10:50am Daily HWC 115 Staff
- 3243 CMST& 220D4 (5) 11-11:50am Daily WSC 101 McQuarrie
Apply methods for managing speech anxiety, holding attention and making points in a variety of public speaking situations, including techniques for being credible and ethical. Communication theories and interpersonal skills also studied.

### Advanced Public Speaking (H)
- 4136 CMST 240A4 (5) 12-12:50pm Daily WAH 103 McQuarrie
Build upon the skills learned in an introductory public speaking course. Become prepared to present in professional settings and lead effective business meetings as an audience-centered communicator. Prerequisite: CMST& 220 or instructor permission.

### Intercultural Communications (H)/(D)
- 3238 CMST25ON3 (5) 5-5:50pm W WSC 107 Williams
Students explore the dynamics of intercultural communication; how variables such as perceptions, language usage, nonverbal style, gender, class, and values influence face-to-face communication among individuals of different cultures; and strengthen communication skills.

## COMMUNICATIONS

### Dragon NaturallySpeaking
- 3247 COMM 100A (2) 8-8:50am T WSC 101 Hoel
Designed to assist students in the development of computer and English composition skills while using Dragon NaturallySpeaking (voice recognition) and text to speech software.

## COMPUTER AIDED DRAFTING

### Computer Aided Drafting I
- 3168 CAD 112A4 (5) 1-3:50pm MW WAH 205 Alves
AutoCAD drafting, drawing, editing, dimensioning, drawing aids, layer control, and plotting. Lab fee $12.50.

## COMPUTER NETWORK TECHNOLOGY & COMPUTER SCIENCE TECHNOLOGY

See INFORMATION TECHNOLOGY heading

## COOPERATIVE WORK EXPERIENCE

### Cooperative Work Experience
- 3248 COOP 190S (1-12) ARR ARR MOR 108 Staff
Cooperative Work Experience allows students to apply classroom learning to on-the-job settings. Credit is earned for new and continued learning in the work environment. Reaching established learning objectives and development of positive work habits are emphasized. The Cooperative Education Faculty Coordinator, the student employee, and the worksite supervisor identify the learning objectives. 30-360 hrs on-the-job per quarter. Instructor’s permission is required. Corequisite: Enrollment in a Work Experience Seminar. Students may take the Work Experience Seminar before or in the same quarter as the Co-op course.

## CRIMINAL JUSTICE

### Intro to Criminal Justice
- 3233 CJ& 101A3 (5) 8-8:50am MTWTh WAH 105 Gilbertson
- 3234 CJ& 101BP1 (5) Online Belden
Examines the Constitution and Bill of Rights in relation to law enforcement, the judiciary, and corrections. Defines guilt-laden facts, reasonable suspicion, and probable cause. Lab fee $14.86.

### Constitutional Case Law
- 3229 CJ 103A3 (5) 10-10:50am MTWTh WAH 103 Gilbertson
Examines the Constitution and Bill of Rights in relation to law enforcement, the judiciary, and corrections. Defines guilt-laden facts, reasonable suspicion, and probable cause. Lab fee $14.86.

### Intro to Corrections
- 3236 CJ& 105N3 (5) 12-12:50pm MTWTh WAH 105 Gilbertson
- 3235 CJ& 105AP1 (5) Online Belden
A broad survey of the history and evolution of adult and juvenile correctional models in America. All forms of incarceration and restrictive custody are studied. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $14.86.

### Criminology
- 4149 CJ& 112AP1 (5) Online Belden
Examines social components of crime, deviance, criminality, and societal reactions to crime. Includes discussion of causes and impacts of crime on society, classifications and theoretical interpretations of crime and the criminal justice system.
Domestic Violence & Abuse
- 3231 CJ 130A3 (5) 11-11:50am MTWTh WAH 105 Gilbertson
This course examines physical and sexual domestic violence in our society. This includes spouse/partner abuse and child abuse. Contemporary investigation and intervention strategies and techniques, including evidence discovery, collection, and preservation, are studied. Lab fee $13.54.

Criminal Interviews & Interrogations
- 4148 CJ 224AP1 (5) Online Belden
Basic and intermediate skills required for criminal and forensic interviews and interrogations. Study, practice, role-play, and evaluate the techniques used to elicit factual information from victims, witnesses and suspects in the course of criminal investigations.

Intro Forensic Science
- 3237 CJ& 240N3 (5) 5:30-8pm T WSC 108 McLeod W
Introductory course in forensic science examines physical evidence and laboratory analysis in criminal investigations. Skills and procedures required for collection, preservation, and identification of physical evidence are studied. Diagramming of crime scenes is practiced. Lab fee $14.17.

DRAMA

Applied Drama
- 3266 DRMA 100A (3) ARR ARR WAH 148 Petzold
Provides credit for participation in either the artistic or technical aspects of the college’s quarterly play productions. This course may be repeated for credit.

Introduction to Theater (H)
- 3269 DRMA& 101A (5) 9-9:50am Daily WSC 109 Tyrrell
Overview of theatre as an art form with emphasis on the play in production and the roles of various theatre artists. Students are expected to attend two plays during the quarter at their own expense.

Beginning Acting (H)
- 3267 DRMA 107A (5) 10-11:50am TThF WAH 150 Tyrrell
10-10:50am F WAH 150 Tyrrell
Introduction with emphasis on concentration, imagination, movement, and characterization via vocal, physical, emotional exercises, improvisation, and scene work. Students are expected to attend two plays during the quarter at their own expense.

Dramatic Performance (H)
- 3268 DRMA 115A (5) ARR ARR ARR Tyrrell
For students involved in the creative/performance aspects of a play production, from audition through research/preparation for their portrayal and evaluation of their performance. The student must successfully audition and be cast in a college production. Prerequisite: audition selection for quarterly play production.

ECONOMICS

Microeconomics (SS)
- 3277 ECON& 201A4 (5) 8-8:50am Daily WSC 206 Suozzo
- 4120 ECON& 201B4 (5) 12-12:50pm Daily WSC 111 Suozzo
Microeconomics is the study of households and firms and how they interact in markets under varying degrees of competition.

Macroeconomics (SS)
- 3278 ECON& 202A4 (5) 10-10:50am Daily WAH 115 Suozzo
Macroeconomics is the study of how any system allocates limited resources to meet unlimited wants. Major concerns of macroeconomic policy are: inflation, full employment, national income accounting, fiscal policy, the money supply and trade.

EDUCATION - EARLY CHILDHOOD

Child Care Basics
- 3270 ECED& 100AW1 (3) Online Staff
Designed to meet licensing requirements for early learning providers, STARS 30 hour basic course recognized in MERIT system. Topics: child development, cultural competency, community resources, guidance, health/safety/nutrition and professional practice.
### Intro Early Child Ed
- **Title:** Intro Early Child Ed
- **Code:** 3271
- **CRSE:** ECED& 105A4
- **#SEC:** (5)
- **CR:** 1
- **TIME:** 1-3:50pm
- **DAYS:** M
- **ROOM:** WSC 101
- **Instructor:** Price
- **Credit:** 4 lab hrs/wk

Explore the foundations of early childhood education, the theories defining the field, issues and trends, best practices, and program models. Observe children, professionals and programs in action. Lab fee $10.

### Health/Safety/Nutrition
- **Title:** Health/Safety/Nutrition
- **Code:** 3272
- **CRSE:** ECED& 107AW1
- **#SEC:** (5)
- **CR:** 1
- **TIME:** 1-3:50pm
- **DAYS:** W
- **ROOM:** WSC 101
- **Instructor:** Staff

Develop knowledge and skills to ensure good health, nutrition, and safety of children in group care and education programs. Recognize the signs of abuse and neglect, responsibilities for mandated reporting, and available community resources.

### Practicum-Nurturing Rel
- **Title:** Practicum-Nurturing Rel
- **Code:** 3273
- **CRSE:** ECED& 120A4
- **#SEC:** (2)
- **CR:** 4
- **TIME:** 4-4:50pm
- **DAYS:** Th
- **ROOM:** WSC 101
- **Instructor:** Bunker M

Students gain experience engaging in nurturing relationships with children, keeping children safe and promoting children's growth and development. Lab fee $10.

### Guiding Behavior
- **Title:** Guiding Behavior
- **Code:** 3282
- **CRSE:** EDUC& 130A4
- **#SEC:** (3)
- **CR:** 1
- **TIME:** 1-3:50pm
- **DAYS:** W
- **ROOM:** WSC 101
- **Instructor:** Price

Examine the principles and theories promoting social competence in young children and creating safe learning environments. Develop skills promoting effective interactions while providing positive individual guidance and enhancing group experiences.

### Infants/Toddlers Care
- **Title:** Infants/Toddlers Care
- **Code:** 3274
- **CRSE:** ECED& 132AW1
- **#SEC:** (3)
- **CR:** 2
- **TIME:** 4-4:50pm
- **DAYS:** Th
- **ROOM:** WSC 101
- **Instructor:** Staff

Examine the unique developmental needs of infants and toddlers. Study the role of the caregiver, relationships with families, developmentally appropriate practices, nurturing environments for infants and toddlers, and culturally relevant care.

### Family Child Care
- **Title:** Family Child Care
- **Code:** 3275
- **CRSE:** ECED& 134AW1
- **#SEC:** (3)
- **CR:** 5
- **TIME:** 4-4:50pm
- **DAYS:** Daily
- **ROOM:** KMP 129
- **Instructor:** Peterson D

Learn the basics of home/family child care program management. Topics include licensing requirements, business management, relationship building, health, safety, and nutrition, guiding behavior and promoting growth and development.

### Admin Early Lrng Prog
- **Title:** Admin Early Lrng Prog
- **Code:** 3276
- **CRSE:** ECED& 139AW1
- **#SEC:** (3)
- **CR:** 2
- **TIME:** 10-10:50am
- **DAYS:** TTh
- **ROOM:** KMP 121
- **Instructor:** Peterson D

Establish administrative skills required to develop, open, operate, manage, and assess early childhood education and care programs. Explore techniques and resources available that meet Washington State licensing and NAEYC standards.

### Child/Family/Community
- **Title:** Child/Family/Community
- **Code:** 3284
- **CRSE:** EDUC& 150A4
- **#SEC:** (5)
- **CR:** 2
- **TIME:** 1-3:50pm
- **DAYS:** Th
- **ROOM:** WSC 101
- **Instructor:** Bunker M

Investigate the family and community contexts in which children develop. Explore cultures and demographics of families in society, community resources, strategies for involving families in the education of their children and tools for effective communication.

### EDUCATION
#### Cooperative Work Experience
- **Title:** Cooperative Work Experience
- **Code:** 3279
- **CRSE:** EDUC 190A
- **#SEC:** (1-12)
- **CR:** 1
- **TIME:** 10-10:50am
- **DAYS:** MWF
- **ROOM:** WSC 109
- **Instructor:** Price

See description under Cooperative Work Experience heading.

#### Intro to Education
- **Title:** Intro to Education
- **Code:** 3285
- **CRSE:** EDUC& 201A4
- **#SEC:** (3)
- **CR:** 2
- **TIME:** 10-10:50am
- **DAYS:** MWF
- **ROOM:** WSC 109
- **Instructor:** Price

Explore the role of education in society and investigate teaching as a career. Both the historical perspective and current trends in education will be discussed.

#### Classroom Observation
- **Title:** Classroom Observation
- **Code:** 3280
- **CRSE:** EDUC 202A
- **#SEC:** (2)
- **CR:** 1
- **TIME:** 10-10:50am
- **DAYS:** T
- **ROOM:** WSC 109
- **Instructor:** White

Students review teaching as a career. Students observe classrooms in action and attend seminars to discuss their findings. Students may make arrangement with the instructor to start observations before quarter begins. Lab fee $12.

### ELECTRONICS/ROBOTICS/AUTOMATION
#### Electronics Assembly
- **Title:** Electronics Assembly
- **Code:** 3333
- **CRSE:** ERA 101A
- **#SEC:** (4)
- **CR:** 2
- **TIME:** 9-9:50am
- **DAYS:** MW
- **ROOM:** KMP 129
- **Instructor:** Whalen

Topics include Windows operating system navigation, hardware maintenance, and various industrial software interfaces. Pre/corequisites: MATH 098, ENGL 099 or equivalent. Lab fee $29.61.

#### Industrial Computer Operation
- **Title:** Industrial Computer Operation
- **Code:** 3333
- **CRSE:** ERA 105A
- **#SEC:** (3)
- **CR:** 2
- **TIME:** 12-12:50pm
- **DAYS:** MTWTh
- **ROOM:** KMP 129
- **Instructor:** Whalen

Best practices computer operations in an industrial environment. Topics include Windows operating system navigation, hardware maintenance, and various industrial software interfaces. Pre/corequisites: MATH 098, ENGL 099 or equivalent. Lab fee $29.61.

#### Sensors and Instruments
- **Title:** Sensors and Instruments
- **Code:** 4167
- **CRSE:** ERA 220A
- **#SEC:** (4)
- **CR:** 2
- **TIME:** 9-9:50am
- **DAYS:** MW
- **ROOM:** KMP 129
- **Instructor:** Whalen

Examination of sensors used in industrial environments. Electrical and mechanical measurement instruments are studied and basic prototypes constructed, tested and calibrated. Prerequisite: ERA 170.

#### Robotic Controllers
- **Title:** Robotic Controllers
- **Code:** 4168
- **CRSE:** ERA 230A
- **#SEC:** (4)
- **CR:** 2
- **TIME:** 9-9:50am
- **DAYS:** Daily
- **ROOM:** KMP 129
- **Instructor:** Peterson D

Introduction to robotic control systems and input/output processing. Platforms studied include microcontrollers, computer numerically controlled (CNC) machines, various types of motor drive controllers and integration of input devices and sensors into algorithms to drive outputs. Prerequisite: TMATH 122 or equivalent. Lab fee $25.

#### Amplifiers
- **Title:** Amplifiers
- **Code:** 4169
- **CRSE:** ERA 240A
- **#SEC:** (5)
- **CR:** 2
- **TIME:** 9-9:50am
- **DAYS:** MTWTh
- **ROOM:** KMP 129
- **Instructor:** Peterson D

Amplifier applications in audio and industrial settings. Topics include small and large signal voltage and current amplifiers, analog and solid state configurations and applications to audio, sensing and measurement, and digital comparison circuits. Prerequisite: ERA 170.
EMERGENCY MEDICAL SERVICES

Emergency Medical Technician

Techniques of emergency medical care and the responsibilities of a technician in his/her role. Designed to assure a uniformly high level of knowledge and skills among those involved in emergency care. Students must begin the registration process at the Workforce Office, located in the Technical Building, TEC 114. Lab fee $66.70. Class meets 9/8-12/17.

ENERGY TECHNOLOGY

Introduction to the Energy Industry

Provides a broad background in fields related to power generation.

Energy Efficiency

Real world application of energy efficiency concepts. Students do an energy audit of their homes and calculating the overall energy efficiency of the home. Lab fee $28.59.

Plant Systems

Provides a background in power plant cycles, systems and equipment, including an introduction to instrumentation and control. Prerequisite: PPO 102.

ENGINEERING

Introduction to Engineering

Introduction to the various fields and careers of engineering. Topics include: educational planning and transfer issues, problem solving, engineering design, teamwork, and communication skills.

Mechanics of Materials

The last of a three-course sequence. Includes the study of stress, strain, deflection in beams, columns, machine and structural members. Includes bending moments, shear, torsion, deformation, unsymmetrical bending, and eccentric loading. Prerequisite: ENGR& 214.

Research in Engineering

Design a research project, set up experiments, collect data in the lab or in the field, and/or analyze data. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.

ENGLISH

Independent Study

Individualized instruction for the student whose needs are not currently being met by the available course offerings. Specialized curriculum and instruction are developed to meet each student’s needs. Permission of instructor only.
A crowd of more than 200 people convened at the corner of Pear Street and Washington Avenue on the Centralia College campus June 30 to break ground on the TransAlta Student Commons, a new building that will serve as a student center for the campus.

“This is a momentous occasion. Today we celebrate the beginnings of something good,” said Centralia College President Dr. Robert Frost to the crowd of local and regional leaders, community members, college faculty and staff members, students, and college supporters.

The president’s welcome included a long list of guests, including: the Centralia College Board of Trustees; former Centralia College president Dr. Hank Kirk; Rep. Richard DeBolt; Shari Hildreth, the district director for Rep. Jaime Herrera Beutler; Lewis County Commissioners Bill Schulte, Edna Fund, and Gary Stamper; Centralia Mayor Bonnie Canaday; Chehalis Mayor Dennis Dawes; Centralia City Council members; MSGS Architects; TransAlta Centralia managers; and Centralia College Foundation Board members.

Recognizing the college’s key partner in a day of beginnings, Dr. Frost thanked TransAlta for its commitment to the college and community through its generous donations.

“It is this culture of partnership and community that unites TransAlta and the college, and it’s what brings us here today to celebrate this very important beginning,” he said.
Construction begins on TransAlta Commons

During fall quarter, students and campus neighbors can expect to see a great deal of construction at the corner of Pear Street and Washington Avenue.

The site of the future TransAlta Commons is being transformed over the next two years into a 70,000-square-foot student center. It will be the new home of admissions and registration, financial aid, bookstore, cafeteria, high-tech classrooms, and more. It will also provide a 500-seat dining/meeting space for the campus and community.

Due to construction, Washington Street is closed between Pear and Walnut streets. The parking lot across from the Walton Science Center is also closed. In addition, parking in the library lot has been reduced considerably.

Please allow extra time for parking, especially during the first week of classes.

Construction is expected to be completed in 2017.

Following Dr. Frost’s welcome, Chris DuPont, TransAlta Centralia manager of operations, shared a few words affirming the strong partnership with the college.

Rep. Richard DeBolt then spoke of the importance of breaking the cycle of poverty in Lewis County through education.

“College is a transition tool—the tool in our community tool box to make our children and citizens better... I am thrilled that this is being built,” he said.

Lastly, Joanne Schwartz, chair of the Centralia College Board of Trustees, shared her excitement over the “long awaited, highly anticipated building of the TransAlta Student Commons”—a project, she said, that “showed commitment to students by providing (them) every opportunity to be successful.”

“We are deeply grateful to all of you,” Schwartz concluded.

Distinguished guests then grabbed golden shovels to join Dr. Frost in breaking ground.

“This is an historic event, and we want to document it,” he said.
### English Composition I (C)

- **3309 ENGL& 101A4 (5)** 8-8:50am Daily WAH 103 Williams A
- **3310 ENGL& 101B4 (5)** 8-8:50am Daily KMP 104 Beal
- **3311 ENGL& 101C4 (5)** 9-9:50am Daily WSC 111 Williams A
- **3312 ENGL& 101D4 (5)** 9-9:50am Daily WSC 115 Beal
- **3313 ENGL& 101E4 (5)** 10-10:50am Daily WSC 106 Williams M
- **3314 ENGL& 101F4 (5)** 10-10:50am Daily WSC 206 *Weil
- **3315 ENGL& 101G4 (5)** 11-11:50am Daily WSC 107 Williams M
- **3316 ENGL& 101H4 (5)** 11-11:50am Daily WSC 110 Waliezer
- **3317 ENGL& 101J3 (5)** 12-12:50pm Daily WSC 110 Waliezer
- **3318 ENGL& 101K3 (5)** 1:1-50pm Daily KMP 104 Erickson
- **3320 ENGL& 101R1 (5)** 9-9:50am Daily WSC 206 *Weil
- **3321 ENGL& 101R1P1 (5)** Online Reigle

Expository writing course which encourages students to think and write with clarity, conciseness, and enjoyment; to organize and develop their ideas; and to express themselves sharply, economically, and grammatically. Prerequisite: students must have a minimum score of 83 on the COMPASS test, a minimum score of 46 on the ASSET test, or complete five credits of ENGL 099 with a minimum grade of 2.0. *Section F has a required corequisite of ENGL 180. Students enrolling in 3314 ENGL& 101F4 must also enroll in 3308 ENGL 180A4.

### Composition II (C)

- **3321 ENGL& 102A4 (5)** 8-8:50am Daily WSC 213 Weil
- **3322 ENGL& 102B3 (5)** 9-9:50am Daily WSC 206 Erickson
- **3323 ENGL& 102C3 (5)** 10-10:50am Daily WSC 110 Walliezer
- **3324 ENGL& 102D3 (5)** 11-11:50am Daily WSC 106 Erickson
- **3325 ENGL& 102EP1 (5)** Online Reigle

A course in argumentative and persuasive writing, methods of research, development and preparation of original source-based papers and projects. Prerequisite: completion of ENGL& 101 with a minimum grade of 2.0.

### Writing for College (formerly ENGL 100)

- **4190 ENGL 103A4 (1)** ARR ARR ARR Erickson

Lab hours in the Writing Center will support skill development and confidence in specific aspects of college writing, to be defined in an Individual Learning Plan (ILP) with instructor.

### Writing in the Workplace

- **3624 WRT 105A4 (5)** 8-8:50am Daily WAH 109 Erickson
- **3625 WRT 105BP1 (5)** Online Foss

Study a variety of workplace communications, along with proper use of grammar, sentence structure, mechanics and vocabulary within those communications. Prerequisite: ENGL 098 or equivalent score on COMPASS/ASSET test.

### Intro to Literature (H)

- **3326 ENGL& 111AP1 (5)** Online Foss

Introduces the major genres, techniques and themes of literature by examining the work of a variety of classic and contemporary authors.

### Short Fiction (H)

- **3308 ENGL 180A4 (5)** 11-11:50am Daily WSC 206 Weil

Survey of the short story as representational vehicle in romanticism, realism, modernism, horror, satire, science fiction, and magical realism. Primarily American in focus. Includes cross-cultural comparisons. Creative writing options. Prerequisite: college level reading and writing skills. Required corequisite: 3314 ENGL& 101F or instructor permission.

### ENVIRONMENTAL SCIENCE

#### Survey of Env Science (S)

- **3330 ENVS& 100A4 (5)** 10-10:50am Daily WSC 111 Carlson L

An introduction to the interactions between humans and the natural world. Topics include structure and function of ecosystems; populations growth; mineral, water, forest, food and energy resources; waste management; pollution. Local and global environmental issues will be discussed.

#### Intro to Env Science w/lab (S)

- **3331 ENVS& 101AP1 (5)** Online Carlson L

An interdisciplinary course for non-science majors and beginning science students. Topics include biodiversity, climate, pollution, energy and food. Independent laboratories and field trips included. Students cannot receive credit for both ENVS& 100 and ENVS& 101.

### GEOLOGY

#### Intro Physical Geology (S)

- **3342 GEOL& 101A4 (5)** 9-9:50am MTWTh WSC 101 Pringle
  1:25pm W WSC 105 Pringle

Explore and recognize earth materials, processes and structures within a plate tectonics framework; origin and structure of the earth, rocks and minerals, geologic time, earthquakes and volcanoes, ocean basins, formation of landscapes, special topics. Lab fee $28.36.

#### Natural Hazards and Catastrophes (S)

- **3339 GEOL 108AT4 (5)** 10-10:50am MTWTh WSC 211 Pringle
  1:25pm T WSC 105 Pringle
- **4108 GEOL 108BT4 (5)** 10-10:50am MTWTh WSC 211 Pringle
  3-4:50pm T WSC 105 Pringle
- **3340 GEOL 108RT4 (5)** 10-10:50am MTWTh MOR 110 Pringle
  1-2:50pm T WSC 105 Pringle

An examination of earth materials and processes through the study of earthquakes, volcanoes, landslides, floods, tsunamis, hurricanes, tornadoes, wildfires, and meteorite impacts. Examination of causes and effects on human populations and the environment; preparedness, prediction and forecasting; mitigation of risks, and case studies. Lab fee $28.36.

### Research in Geology

- **3341 GEOL 270A (1-12)** ARR ARR ARR Pringle

Design a research project, set up experiments, collect data in the lab or in the field, and/or analyze data. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.

### HEALTH

#### Health & Wellness (HF)

- **3359 HLTH 130AP1 (3)** Online Johnson C
- **4200 HLTH 130RP1 (3)** Online Jones

An exploration of current personal health issues and a presentation of contemporary approaches to obtaining and maintaining a high level of wellness.
Exercise & Nutrition (HF)
- 3361 HILTH 140A4 (3) 8-8:50am TTh HWC 115 Johnson C
  Two core components of a healthy lifestyle - a healthy diet and a
  safe exercise program - will be explained and developed. Students
  are expected to exercise outside of class time. Lab fee $3.10.

Stress Management (HF)
- 4137 HILTH 143A4 (2) 9-9:50am TTh HWC 106 Johnson C
- 4173 HILTH 143R3 (2) 2-2:50pm F MOR 108 Johnson C

  Understand how stress can impact quality of life. Learn methods
  for identifying stressors and strategies to effectively manage
  them. Construct a personalized stress management program.

Safety and Fitness (HF)
- 3363 HILTH 145A3 (3) 8-8:50am MWF HWC 106 Sanchez
- 3364 HILTH 145BP1 (3) Online Johnson C
- 4109 HILTH 145CP1 (3) Online Johnson C

  Emphasizes the importance of safety, first aid, and exercise as they
  relate to an individual's level of health and fitness. The course
  includes American Red Cross Community First Aid and Community
  CPR certification. **Students enrolled in an online section must attend one of the in-person training days for First Aid and CPR. These trainings will be held on 11/23, 12/1, or 12/2 from 1-5:30pm. Lab fee $47.49.**

Community First Aid and CPR
- 3366 HILTH 145B (1) 8:30am-4pm Sa HWC 106 Layton
- 4188 HILTH 145E (1) 8:30am-4pm Sa HWC 106 Layton
- 4189 HILTH 145F (1) 8:30am-4pm Sa HWC 106 Layton

  Basic First Aid/CPR/AED class covering critical skills needed to respond to and manage first aid, choking, and sudden cardiac arrest emergencies in the first few minutes until emergency medical services (EMS) arrives. Lab fee $44.23. **Section B meets 10/10. Section E meets 8/22. Section F meets 9/12.**

HISTORY

Western Civilization I (SS)
- 3349 HIST 116A (5) 10-10:50am Daily WSC 204 Peterson J
  Analysis of the development of major political, economic, social
  and cultural characteristics of antiquity and medieval Europe.

US History I (SS)
- 3350 HIST 146A (5) 12-12:50pm Daily WSC 204 Peterson J
  Analysis of American history from the pre-invasion to the
  Antebellum Era. Emphasis is on the political, social, and eco-
  nomic changes.

US History II (SS)
- 4122 HIST 147AP1 (5) Online Mayfield
  Analysis of American history from Antebellum Era to the
  Progressive Era. Emphasis is on the social, political, and economic changes.

US History III (SS)
- 4121 HIST 148A4 (5) 8-8:50am Daily WAH 113 Mayfield
  Analysis of American history from World War I to the present.
  Emphasis is on the social, political, and economic changes.
## INFORMATION TECHNOLOGY

### Intro to Programming (formerly CST 101)

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<td>3251</td>
<td>IT</td>
<td>101A</td>
<td>(4)</td>
<td>8-8:50am</td>
<td>Daily</td>
<td>WAH 211</td>
<td>Daniels</td>
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This course provides an introduction to programming using Microsoft Visual Studio. Course focus is on building basic Windows Forms graphical applications. Lab fee $27.15.

### Windows Workstation OS (formerly CNT 117)

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</table>

An introduction to the Windows workstation operating system. Course covers the taskbar, Start menu, recycle bin, window views, Windows Explorer, storage devices, printing, saving, control panels, etc. Lab fee $7.36.

### Desktop OS 1 (formerly CNT 123)

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</table>

This is a first course based on CompTIA A+ and Linux+ certification materials. Material covered includes Virtualization, Vocabulary, OS Installation, Configuration, Customization and Usage Basics of the current popular Desktop Operating Systems. Lab fee $20.

### IT Applications Internship (formerly CST 130)

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Small Students get hands on, full life cycle software development experience working on projects for the department and college. Projects include web and database application design, development, maintenance and support. Prerequisites: CST 101 and 119.

### IT Support Internship (formerly CNT 140)

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This course provides an introduction to and experience in Help Desk operations. Students learn the fundamentals of Tier 1 call taking and customer service. Prerequisites: CNT 123, 124.

### Microsoft Office for IT

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</table>

This course provides an introduction to Microsoft Office from the perspective of a support technician. Coverage includes installation, configuration, formatting, document structure, templates, forms, security and troubleshooting. Prerequisites: CST 123, 124. Lab fee $25.

### Network Technology 1 (formerly CNT 201)

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</table>

This course is based on CompTIA Network+ certification materials. Material covered includes Fundamental Concepts, Terminology, LANs, WANs, Internetworking, VLANs, Routing Basics and Wireless Networking. Prerequisite: MATH 098. Lab fee $26.

### PHP/SQL (formerly CST 203)

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An introduction to web application development using PHP and SQL. Coverage includes an introduction to server side programming using PHP, SQL database design, querying, and use from PHP. Prerequisite: IT 121. Lab fee $25.

### Server OS 1 (formerly CNT 218)

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This is a first course on server installation, configuration and management. Coverage includes Active Directory fundamentals, SSH, DHCP, DNS, and the basics of setting up and managing a web server. Prerequisites: IT 123, 124. Lab fee $25.

### JAVA 1 (formerly CST 224)

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</table>

Introduction to Java programming. Concepts including procedural programming (methods, parameters, and primitive variables), control structures and logic (if/else, for and while loops), arrays, and an introduction to object oriented programming. Prior computer knowledge recommended. Lab fee $25.09.

## INTENSIVE ENGLISH PROGRAM

### Intensive English Speaking Level I-IV

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Multi-level language course with emphasis on communicative oral proficiency. Instruction includes use of multimedia to enhance the learning of the English language and American culture.

### Intensive English Listening Level I-IV

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This course provides students with reciprocal listening training. They will also be introduced to non-reciprocal listening tasks both in a formal and informal method of communication.

### Intensive English Reading Level I-IV

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Multi-level reading course for non-native English Speakers that emphasizes the acquisition of reading skills at a post-secondary level, including vocabulary, comprehension, reading rate, and study skills.

### Intensive English: Writing and Grammar Level I-IV

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This is a multi-level class to prepare non-native English students for writing in college level academic and technical courses. Difficulty and length of writing assignments increase with each level.

## JOURNALISM

### Introduction to News Writing I (H)

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Learn the difference between news writing and other types of writing. Practice writing a variety of kinds of news articles.

### Newspaper Staff I

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</table>

Help produce the college's online student newspaper. Editors, reporters, photographers, videographers, page designers, and advertising sales people needed. Prerequisite: JOUR 106.
LIBRARY

Research in the 21st Century

Students examine various strategies for locating, evaluating, and applying information resources in the research process. Attention is paid to information issues like intellectual property, censorship, and freedom of information. Prerequisite: eligibility for ENGL& 101.

MATHEMATICS

Basic Mathematics

- MATH 095A4 (1-5) 7-8:50am Daily LIB 003 Spitzer
- MATH 095B4 (5) 9-9:50am Daily LIB 003 Spitzer
- MATH 095C4 (5) 12-12:50pm Daily WSC 215 Brosz
- MATH 095D4 (5) 1-3:20pm MTWTh LIB 003 Spitzer

Pre-Algebra

- MATH 096A4 (1-5) 7-8:50am Daily LIB 003 Spitzer
- MATH 096B4 (5) 9-9:50am Daily WSC 107 Ziegler R
- MATH 096C4 (5) 11-11:50am Daily WSC 107 Ziegler R
- MATH 096D4 (5) 12-12:50pm Daily WSC 107 Ziegler R

Algebra I

- MATH 098A4 (1-5) 7-8:50am Daily LIB 003 Spitzer
- MATH 098B4 (5) 10-10:50am Daily WSC 215 Brosz
- MATH 098C4 (5) 11-11:50am Daily WSC 107 Ziegler R
- MATH 098D4 (1-5) 1-3:20pm MTWTh LIB 003 Spitzer
- MATH 098E4 (1-5) 1-3:20pm MTWTh LIB 112 Ziegler R

Algebra II

- MATH 099A4 (1-5) 7-8:50am Daily LIB 003 Spitzer
- MATH 099B4 (5) 9-9:50am Daily WSC 107 Ziegler R
- MATH 099C4 (5) 11-11:50am Daily WSC 215 Brosz
- MATH 099D4 (1-5) 1-3:20pm MTWTh LIB 003 Spitzer
- MATH 099E4 (1-5) 1-3:20pm MTWTh LIB 112 Ziegler R

Math in Society (M)

- MATH& 107A3 (5) 1-1:50pm Daily WSC 206 Griffith
- MATH& 107B1 (5) Online Falcon

Algorithms and discrete structures for applications in mathematics, statistics, and computer science. Prerequisite: MATH& 146 or equivalent placement.

Linear Algebra (M)

- MATH 118A4 (5) 10-10:50am Daily WSC 108 Carlson C

Computational and modeling tools with applications in physics, mathematics, engineering, economics, and business. Topics include systems of equations, matrix algebra, vector spaces, subspaces, bases, orthogonality, transformations, and eigenvalues. Prerequisite: MATH& 142 or equivalent placement.

Electronics Math 1

- TMATH 121A (5) 8-8:50am Daily KMP 121 Peterson D

Students are introduced to math concepts relating to electronics and robotics. Topics include functions, direct and inverse relationships, unit analysis, calculator operation, linear and exponential equations, and spreadsheet math operations. Prerequisite: MATH 098.
Pre-Calculus I (M)
- 3475 MATH&141A4 (5) 8-8:50am Daily WSC 110 Carlson C
- 3476 MATH&141B4 (5) 8-8:50am Daily WSC 111 Kiekel
- 3477 MATH&141C4 (5) 12-12:50pm Daily WSC 108 Threadleton
- 3478 MATH&141DP1 (5) Online Kiekel
Study of elementary functions (polynomial, exponential, logarithmic), systems of equations, and matrix algebra. Modeling and problem solving techniques are emphasized from a graphic, symbolic and numeric perspective. Prerequisite: MATH 099 or equivalent placement.

Pre-Calculus II (M)
- 3479 MATH&142A4 (5) 9-9:50am Daily WSC 110 Carlson C
Graphical, numerical, symbolic development of trigonometric functions and their inverses as defined on the unit circle and right triangles; identities, equations, and applications; complex numbers, polar coordinates, parametric equations, vectors, conics, and sequences and series. Prerequisite: MATH& 141.

Introduction to Stats (M)
- 3480 MATH&146A4 (5) 12-12:50pm Daily WSC 213 Kiekel
- 3481 MATH&146B4 (5) 1-1:50pm Daily WSC 108 Kostick
- 3482 MATH&146CP1 (5) Online Kostick
- 3483 MATH&146DP1 (5) Online Kostick
Introduction to concepts of data collection, organization and summaries. Develop the concepts of mean, median and standard deviation, probability, probability distributions, and apply these ideas to hypothesis testing, linear regression and analysis of variance. Prerequisite: MATH 097, 099 or equivalent.

Calculus I (M)
- 3484 MATH&152A4 (5) 11-11:50am Daily WSC 204 Taylor D
The second in a four-quarter sequence. Covers the calculus of transcendental functions (exponential, logarithmic, inverse circular, hyperbolic), techniques of integration, sequences, series, and power series. Prerequisite: MATH& 151 or equivalent.

MEDIA STUDIES

Sports Announcing for Football (C)
- 3428 M ST 126A (1) 2-2:50pm M WAH 113 Fisher
Learn and apply the basic skills and knowledge required of today’s football announcers. This course emphasizes practical tips, ideas and theories that help students become quality football announcers.

Stagecraft for Television and Film
- 3429 M ST 159A (2) 2-2:50pm W WAH 113 Petzold
Designed specifically for television and film majors, this class introduces students to the basic tools, materials, equipment and techniques used in the design and building of television and film sets.

Intro to Radio Broadcasting (C)
- 3430 M ST 230A (5) 12-12:50pm Daily WAH 111 Fisher
As an introduction to radio broadcasting, students learn programming philosophies, announcing skills, production techniques, copy writing and the FCC rules and regulations that apply to the industry. Lab, fee $17.94.

Intro to TV & Video Production
- 3431 M ST 260A (5) 1-1:50pm MW FWAH 105 Fisher
- 3432 M ST 271A (1) ARR ARR WAH 140 Fisher
Learn studio and control room operations, field and studio camera techniques, basic script writing and video editing. At the end of the quarter, students will be able to write, produce and edit short videos. Lab fee $17.94.

Radio Broadcasting Internship I - IV
- 3433 M ST 272A (2) ARR ARR WAH 140 Fisher
- 3434 M ST 273A (3) ARR ARR WAH 140 Fisher
- 3435 M ST 274A (4) ARR ARR WAH 140 Fisher
Practice and perfect announcing skills on the campus radio station, KCED FM. Prerequisite: MST 230, 231 or instructor permission.

TV Broadcasting Internship
- 3436 M ST 281A (1) ARR ARR WAH 140 Fisher
Designed for students who wish to produce independent video projects outside of the classroom environment. Permission of instructor required. Prerequisites: MST 260, 261, 262.

MEDICAL ASSISTANT

Intro to Healthcare
- 3352 HLSV 121A (2) 2-4pm MW TEC 115 Speer
The complexity of health care, health care provider certifications, and team concepts will be introduced. Professionalism, safe patient handling, physical/emotional changes with aging, and specific infection control issues for all care givers will be explored. Class meets 9/21, 23, 28, 30, 10/5, 7, 12, 14, 19, 21.

MA Medical Terminology
- 3425 MA 139A (5) 10-11:50am MT WAH 146 Murray
- 3426 MA 241A (10) 1-4:45pm MTWTh WAH 146 Murray
A required class for all students enrolled in the Medical Assistant Program to develop a medical vocabulary from an anatomy, physiology, and pathology format. It is suitable for others entering medical-related fields. Lab fee $5.

MA Clinical Procedures I
- 3427 MA 139A (5) 10-11:50am MT WAH 146 Murray
- 3428 MA 241A (10) 1-4:45pm MTWTh WAH 146 Murray
Overview of physical examinations, procedures, and testing that a medical assistant would use to assist a health care provider in an ambulatory care setting. Prerequisites: MA 130, 139, 140, BIOL 170. Lab fee $77.

MA Administrative Procedures
- 3429 MA 249A3 (8) 9-10:50am MTWTh WAH 212 Boener
Administrative protocols and procedures related to front and back office responsibilities in an ambulatory care setting with emphasis on communications, medical records management, and fiscal management practices. Prerequisite: acceptance into the second year of Medical Assistant program. Lab fee $18.50.

This list of classes offered is correct on the date of publication. For the most current class information and list of classes offered, see Updated Class Schedules at www.centralia.edu.
MUSIC

Music Reading
3485 MUSC 100A (2) 11-11:50am MW WAH 125 Staff

Prerequisite: MUSC& 143.

Designed for students with no previous exposure to reading music. The skills acquired can be used to perform and create music, or enter the field. Practice rooms with pianos are available at the college.

Applied Music I - VI
3489 MUSC 115A (1) ARR ARR ARR Staff
3490 MUSC 116A (1) ARR ARR ARR Staff
3491 MUSC 117A (1) ARR ARR ARR Staff
3499 MUSC 215A (1) ARR ARR ARR Staff
3500 MUSC 216A (1) ARR ARR ARR Staff
3501 MUSC 217A (1) ARR ARR Staff

Study of specific instrument literature and techniques applied to performance. Required of all music majors. By audition and permission of instructor only.

Music of the World (H)(D)
3492 MUSC 139A (5) 9-9:50am Daily WAH 103 Staff

A survey of the diversity of music from around the world. Examines music as accompaniment to ceremony and ritual, aid to work and routine, and an expression of universal unchanging human emotions. Prior musical experience is not necessary. Prerequisites: proficiency in reading, grammar skills.

Music Theory I (H) (formerly MUSC& 131)
4111 MUSC&141A (5) 8-8:50am Daily WAH 107 Staff

A technical study of musical architecture. Emphasis on aural and written skills of signatures, chords, intervals, musical notation. Piano proficiency of basic scales and five-finger patterns. Finale™ is used for computer generated manuscript. Prerequisite: music reading skills.

Choir I - VI
3493 MUSC 144A (2) 12-1:20pm MW WAH 107 Staff
3494 MUSC 145A (2) 12-1:20pm MW WAH 107 Staff
3495 MUSC 146A (2) 12-1:20pm MW WAH 107 Staff
3496 MUSC 147A (2) 12-1:20pm MW WAH 107 Staff
3497 MUSC 148A (2) 12-1:20pm MW WAH 107 Staff
3498 MUSC 149A (2) 12-1:20pm MW WAH 107 Staff

A vocal group consisting of the part distribution: soprano, alto, tenor, and bass. Perform both sacred and secular music literature. Participation in one evening concert per quarter is mandatory. Previous choral experience not necessary. Lab fee $17.49.

Functional Piano I - III
4123 MUSC 151A (1) ARR ARR ARR Staff
4124 MUSC 152A (1) ARR ARR Staff
4125 MUSC 153A (1) ARR ARR Staff

Functional piano study/skill requirement for music majors. A practical course to accompany any of the music theory courses. Emphasis placed on hand coordination, scales, transposition, harmonization and score reading. Corequisite: simultaneous enrollment in a music theory class.

Music Theory IV (formerly MUSC& 231)
4112 MUSC&241 (5) 9-9:50am Daily WAH 107 Staff


Performance Ensemble I - VI
3508 MUSC 244A (1) 12-1:20pm TTh WAH 107 Staff
3509 MUSC 245A (1) 12-1:20pm TTh WAH 107 Staff
3510 MUSC 246A (1) 12-1:20pm TTh WAH 107 Staff
3511 MUSC 247A (1) 12-1:20pm TTh WAH 107 Staff
3512 MUSC 248A (1) 12-1:20pm TTh WAH 107 Staff
3513 MUSC 249A (1) 12-1:20pm TTh WAH 107 Staff

An ensemble for the advanced performer (instrumentalists or vocalists). Music reading is imperative. Performs many styles of music. Concert performances are on and off campus and/or tour. By audition ONLY.

Music Technology
4191 MUSC 276A (3) 1:30-3pm TTh WAH 125 Staff

Detailed study of MAC-based music software to create recordings. Acquaints the student with music technology to professionally edit, publish and compose original music.

NURSING

Basic Nursing Care Concepts
4351 NURS 101A4 (12) ARR Daily WSC 202 Ormrod
4352 NURS 101B4 (12) ARR Daily WSC 202 Hinderlie

Program themes of homeostasis, the role of the nurse, and continuum of care are applied at on-campus theory and skills labs and off-campus clinical experiences at assisted living and long-term care facilities. Prerequisite: admission to the Centralia College Nursing Program. Lab fee $304.77.

Mental Health & Lifespan
4356 NURS 201A4 (10) ARR Daily WSC 202 Hinderlie
4357 NURS 201B4 (10) ARR Daily WSC 202 Gustafson

Progressive competencies reflecting program themes are applied to the care of clients with mental health alterations, complications of child-bearing, and high-risk newborns and children. Community-based and in-patient clinical experiences are provided. Corequisites: NURS 101, 102 & 103 or equivalent. Lab fee $107.56.

BLS for Healthcare Providers
4358 NURS 210A4 (2) ARR ARR WSC 203 Layton

Covers the information and skills needed for adult, child, and infant cardiopulmonary resuscitation; the use of an automated external defibrillator; recognition and treatment of choking; safety factors in training and actual rescue. Corequisite: admission to the nursing program or permission of the instructor. Lab fee $36.52.

Management & Leadership
4359 NURS 220A4 (2) ARR Daily WSC 202 Ormrod
4360 NURS 220B4 (2) ARR Daily WSC 202 Sullivan

Expands on the program theme of the role of the nurse to provide a stronger theoretical foundation for assuming a management and leadership role in a variety of care settings. Prerequisites: NURS 101, 102 and 103 or equivalent. Corequisite: NURS 201. Lab fee $54.16.
## SCHEDULE

### CENTRALIA COLLEGE   |   www.centralia.edu

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<td>131A</td>
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**PHILOSOPHY**

**Intro to Philosophy (H)**

Investigate the assumptions philosophers have made about reality, knowledge, truth, God, morality, social construction, freedom, and paternalism.

**Introduction to Ethics (H)**

Focus on choices made in concrete circumstances. Study traditional ethical theories and present-day moral dilemmas.

**NURSING ASSISTANT**


Nurse Delegation: Class is for Washington State caregivers who work in or will work in specific community-based long-term care settings. Course covers: medication administration, diabetes care, roles and laws pertaining to delegation and hands-on skills practice. Prerequisite: NAC Certification or co-enrollment in NAC. Lab fee $36.52. Class meets 10/26, 27, 28, 29, 11/2, 3.

Mental Health: Learn how a caregiver, in a generalized residential setting, can work effectively with a person who has a major mental disorder. Prerequisite: NAC certification or currently enrolled in NAC course. Lab fee $30. Class meets 11/4, 5.

Dementia: Learn how a caregiver, in a generalized residential setting, can work effectively with a person who has memory impairments. Prerequisite: NAC certification or currently enrolled in NAC course. Lab fee $30. Class meets 11/9, 10.

**NUTRITION**

Nutrition (S): An exploration of the six basic nutrients with diet planning principles, human metabolism, weight control and digestion. Prerequisite: prior knowledge of chemistry or biology would be helpful.

**OCEANOGRAPHY**

Intro to Oceanography (S): Explore the physical, geological, chemical and biological characteristics of the ocean: waves and tides, ocean and atmosphere circulation, coastal features and beach processes, ocean basins, sediments, ocean chemistry and physics, plate tectonics, and marine life. Lab fee $17.94.

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*This list of classes offered is correct on the date of publication. For the most current class information and list of classes offered, see Updated Class Schedules at www.centralia.edu.*
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**Cardio Combo (HF)**
338 P E 142A (1) 11-11:50am TTh HWC 200 Sanchez
A combination of cardio experiences to improve cardiovascular endurance, body composition, muscle fitness and flexibility. A variety of movements will be explored, including step aerobics, kickboxing, Drums Alive, Zumba, and circuits and weights. Lab fee $3.10.

**Yoga (HF)**
- 339 P E 150A4 (1) 9-9:50am TTh HWC 200 Parnham
- 4113 P E 150N4 (1) 6-6:50pm TTh HWC 200 Parnham
An exercise class integrating components of flexibility, muscular strength and endurance, and relaxation. Students work at their own level of fitness. Lab fee $3.10.

**Pilates/Core (HF)**
- 3540 P E 152A (1) 11-11:50am MW HWC 200 Johnson C
- 4174 P E 152R (1) 3-4:30pm F MOR 108 Johnson C
An exercise class designed to teach breathing with movement, body mechanics, balance, coordination, spatial awareness, strength and flexibility. Lab fee $3.10.

**Tai Chi Basics (HF)**
- 3541 P E 153A (1) 8-8:50am MW HWC 200 Barr
- 4197 P E 153R (1) 3-4:30pm F MOR 108 Johnson C
Develop balance, lower-body strength and relaxation in motion with Wu Style Tai Chi. Students work at their own level of fitness. Lab fee $3.10.

**Beginning Tae Kwon Do (HF)**
- 3542 P E 158N (2) 6-8pm MW HWC 200 Grove
Develop balance, coordination, agility, spatial awareness, strength and flexibility through the Korean art of Tae Kwon Do. Students work at their own level of fitness. Lab fee $3.10.

**Intermediate Tae Kwon Do**
- 3543 P E 159N (2) 6-8pm MW HWC 200 Grove
This course reviews basic skills and techniques of basketball. Included in the course are advanced skills and techniques, game strategies, team offense, and team defense. Prerequisite: PE 103 or instructor permission. Lab fee $3.10.

**Advanced Tae Kwon Do**
- 3544 P E 160N (2) 6-8pm MW HWC 200 Grove
Further development of the techniques, forms, the sport, and self defense aspects required to advance to blue belt in the Korean martial art of Tae Kwon Do. Lab fee $3.10.

**Softball Fundamentals**
- 3545 P E 162A (1) ARR MWF CEN Bajo
- 3546 P E 166A (1) ARR ARR ARR Le Duc
On-the-field practice in development of the basic fundamentals of baseball. Emphasis on basic skills and conditioning. Lab fee $18.75.

**Basketball Fundamentals**
- 3547 P E 167A (1) ARR ARR ARR Schutz
- 3548 P E 167B (1) ARR ARR ARR Moir
This course implements basic fundamentals with theory of various phases of the game. Conditioning for a lifetime activity is an important aspect of the course. Lab fee $3.10.

**Lifetime Fitness (HF)**
- 3549 P E 168A3 (2) 10-10:50am T WAH 109 Sanchez
- 3550 P E 168B3 (2) 9-9:50am F WSC 101 Sanchez
Cardiovascular endurance, muscle fitness, weight management and flexibility are studied. One lecture hour and two hours of activity per week. Lab fee $3.10.

**Advanced Basketball**
- 3551 P E 203A (1) ARR ARR ARR Schutz
- 3552 P E 203B (1) ARR ARR ARR Moir
Advanced techniques and skills included in competitive volleyball. Advanced offensive and defensive tactics and strategy are covered. Prerequisite: PE 115 or instructor permission. Lab fee $3.10.

**Advanced Volleyball**
- 3553 P E 215A (1) 12-12:50pm TTh HWC 103 Ewings
Advanced techniques and skills needed for playing fastpitch softball. Emphasis is on a variety of strategies utilized in the game of softball. Lab fee $3.10.

**Physical Fitness Concepts (HF)**
- 3554 P E 239N (3) ARR ARR ARR Gordon
Provides experiences in advanced techniques and tactics needed to execute advanced team concepts of volleyball. Lab fee $3.10.

**Advanced Softball Fundamentals**
- 3555 P E 229A3 (3) 12-12:50pm MWF HWC 115/200 Johnson C
A combination of theory and practice in the development of physical fitness. Two lecture hours and two activity hours per week. Lab fee $3.10.

**Advanced Volleyball Applications**
- 3556 P E 229N (3) ARR ARR ARR Gordon
On-the-field practice in development of the advanced fundamentals of volleyball. Emphasis is on a variety of strategies utilized in the game of softball. Lab fee $3.10.

**Advanced Baseball Fundamentals**
- 3557 P E 262A (1) ARR MWF CEN Bajo
On-the-field practice in development of the advanced fundamentals of baseball. Emphasis on advanced skills, strategies, and techniques. Prerequisite: PE 166 or instructor permission. Lab fee $18.75.

**Advanced Basketball Fundamentals**
- 3558 P E 266A (1) ARR MWF ARR Le Duc
More advanced skills practiced. Prerequisite: PE 167 or instructor permission. Lab fee $3.10.
**PHYSICS**

**Engineering Physics I (S)**

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First in a three-quarter calculus-based sequence for science and engineering majors stressing classical mechanics. Include dynamics of translational, rotation, and oscillatory systems of solids, particles and fluids. Prerequisite: MATH& 151. Corequisite: MATH& 152. Lab fee $17.94.

**Research in Physics**

Design a research project, set up experiments, collect data in the lab or in the field, and/or analyze data. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.

**POLITICAL SCIENCE**

**Intro Political Science (SS)**

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Exploration of the fundamentals of political science: key concepts, principles, and theories. Analyze why and how leaders make the decisions they do, and why citizens obey most of these decisions.

**SOCIETY**

**Introduction to Sociology (SS)**

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Study of society and human interaction. Topics include social ranking, change, deviance, social control, the creation of thought and personality, groups, institutions, political and economic power, social movements, and how to gather valid sociological information.

**Reading**

**Specific Reading Skill Development**

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This course provides students opportunities to improve their reading in specifically identified areas of need. Comprehension building, word attack skills, and content area reading are a few of the specific areas that can be targeted.
Cultural & Ethnic Pluralism in Contemporary Society (SS)(D)  
- 3600 SOC 225AP1 (5) Online Medlin
Examine ethnicity, ethnic identity, and cultural characteristics of ethnic and social groups in North America and around the world. Understand the relationship between social organization and forms of social, economic, and political domination and subordination.

SPANISH

Spanish I (H)  
- 3606 SPAN& 121A4 (5) 8-8:50am Daily WSC 210 Gorecki
- 3607 SPAN& 121B4 (5) 10-10:50am Daily WSC 210 Gorecki
- 3608 SPAN& 121C4 (5) 1-1:50pm Daily WSC 210 Martinez
- 3609 SPAN& 121NT3 (5) 6-6:20pm M WSC 211 Martinez
- 3610 SPAN& 121ST3 (5) 6-6:20pm M MOR 110 Martinez

First class in 100 level sequence. Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures.

Spanish IV (H)  
- 3611 SPAN& 221A4 (5) 11-11:50am Daily WSC 210 Gorecki

Discuss Hispanic cultures in Spanish, develop oral and written skills, review and expand essential points of grammar, and build vocabulary. Prerequisite: SPAN& 123 or instructor permission.

SPEECH

Fundamentals of Public Speaking (H)  
- 3612 SPEE 101A (3) 11-11:50am MWF WAH 115 Fisher

A course focusing on development, preparation, and delivery skills for beginning public speakers. Attention given to anxiety reduction techniques in addition to the preparation and use of visual aids in informative and persuasive speeches.

STUDENT DEVELOPMENT

Study Skills  
- 3589 SDEV 099N (1-5) 5-7:20pm MW WSC 110 Shriver G

Students learn essential skills needed for effective study. Course includes learning style assessment, time management, study reading, memory techniques, test-taking strategies, and research techniques.

Centralia College 101  
- 3590 SDEV 101A (1) 8:30am-3pm Th THE Banish
- 3591 SDEV 101R4 (1) 9am-2pm W MOR 101 Bloomstrom

An orientation class emphasizing utilization of campus resources and offering multiple workshops on library research skills, note taking, test taking, stress management, reading skills and memory improvement. Lab fee $7.22.

Career Planning  
- 3592 SDEV 105AP1 (2) Online Mercer

Students identify their interests, skills and abilities and evaluate their personality styles, values and work environments as they relate to careers. Activities include interest inventory test, computer programs, job market research, and informational interviewing. The format is lecture, discussion, group activities and individual projects. Lab fee $17.94.

Student Success  
- 3593 SDEV 150A (3) 12-12:50pm MWF NRA Burr
- 4166 SDEV 150B (3) 1-1:50pm MWF WAH 113 Burr

College course success strategies, including goal-setting, time management, memory improvement, textbook reading strategies, note-taking, test-taking, project management. Taught by lecture, group and individual work. Includes Saturday field trip for challenge course activities. Lab fee $36.91.

SURVEYING & MAPPING

Surveying I  
- 4206 SMT 120A3 (5) 1pm-4:50pm Th NRA Alves

Fundamentals of plane surveying, including measurements of elevation, distance and direction. Basic surveying computations are performed. Emphasis is on hands-on survey technique and sound field notes. Prerequisite: COMPASS scores for TMATH 116 or concurrent enrollment in MATH 095. Lab fee $26.87.

WELDING

GTAW Welding  
- 3613 WELD 159A (11) 10-10:50am MTWTh TEC 105 Cotton
- 3614 WELD 159A (11) 11:30am-2:20pm MTWTh TEC 105 Cotton

Theory of oxyacetylene welding, brazing, cutting and gas tungsten arc welding theory. Topics: safety practices for equipment operation, handling and use of compressed gases, identification of filler rods, base metals, types of weld joints, and procedures. Lab fee $138.75.

Metallurgy for Welders  
- 3615 WELD 167A (3) 10am-2pm F TEC 105 Cotton

Study of metals relevant to welding technology, extraction of metals from ores, refining metals, the manufacture of metal products, mechanical, physical and chemical properties of metals and the hardening, tempering and heat treating of metals. Lab fee $8.

Oxyacetylene and Gas Tungsten Arc Welding  
- 4212 WELD 180A (5) 1-4:50pm ThF TEC 103/105 Staff
- 3616 WELD 180N (5) 5-8:50pm TTh TEC 103/105 Peters

Safety, setup, brazing, cutting, and welding in all positions using oxyacetylene and gas tungsten arc welding equipment. Lab fee $73.78.

Shielded Metal Arc Welding  
- 3617 WELD 181N (5) 5-8:50pm TTh TEC 103/105 Peters

Safety, setup, and welding in all positions using AC/DC arc welding equipment. Lab fee $73.78.

Advanced Arc Welding  
- 3620 WELD 265A (11) 8-11:30am Daily TEC 105/103 Driscoll

Theory and practice of advanced shielded metal arc welding (SMAW) to prepare for the Washington Association of Building Officials (WABO) certification tests on plate and pipe. Prerequisite: completion of year 1/permission of instructor. Lab fee $138.75.

Blueprint Reading  
- 3622 WELD 271A (3) 12-1:30pm ThF TEC 103/105 Driscoll

Fundamentals of drawing interpretation in the welding trade. Included are blueprint reading, welding symbols, fabrication techniques, identification of welds, and welding abbreviations.
## BACHELOR APPLIED SCIENCE – APPLIED MANAGEMENT

### Foundations of Management
- **3101 BMGMT 300N3 (5) 6-7:50pm Th WSC 109 Smejkal**
- **4202 BMGMT 300M3 (5) 7-7:50pm T WSC 111 Smejkal**

Foundation course that explores organizational theory and introduces the principles and concepts of effective management including planning, organizing, leading and controlling. Effective decision-making, change management and motivating employees will be discussed.

### Intermediate Accounting I
- **3102 BACCT 301N3 (5) 5-6:50pm T WSC 111 Ford**

The first installment of a two-part course designed to teach a professional level understanding of financial accounting and reporting as it applies to business entities both publicly traded and privately held. Prerequisite: ACCT& 202 or by instructor permission.

### Managerial Economics
- **3103 BECON 305N3 (5) 6-7:50pm Th WSC 206 Suozzo**

This course surveys economic condition and the application of tasks normally associated with a corporate economist. Topics include free market economies, supply and demand, regulation, inflation, price elasticity, and comparative advantage.

### Leadership & Org. Behav.
- **3104 BMGMT 320N3 (5) 7-8:50pm T WSC 109 MacNamara**
- **4201 BMGMT 300M3 (5) 6-7:50pm Th WSC 111 MacNamara**

Relate theory and research to organizational problems by reviewing advanced concepts in motivation, perception, leadership, decision-making, communication and influence, group behavior, diversity, conflict and cooperation, politics, corporate culture, organizational structure, and environmental influences.

### Applied Financial Management
- **3105 BMGMT 340N3 (5) 7-8:50pm T WSC 213 Brown T**

Survey the application of tasks normally associated with the corporate financial manager. Topics of study include planning, controls, capital markets, capital budgeting, capital structure, and working capital management. Prerequisite: BAS 310 with minimum grade of 2.0.

### Managerial Statistics
- **3106 BMATH 350A3 (5) 11-11:50am Daily TEC 159 Kiekel**

Statistical analysis techniques are examined and applied in case studies involving real-world management issues. Students examine difficulties, subjective decisions, and pitfalls when analyzing data and making inferences from numbers. Prerequisite: QSR math distribution.

### Business Principles, Planning & Strategy
- **3107 BMGMT 360N3 (5) 5-6:50pm T WSC 206 McClain**

Core course in strategy and planning. Topics include: establishing organizational mission, formal planning, strategy formulation, and implementation. Identify strengths, weaknesses, opportunities, and threats facing organizations.

### Marketing for Managers
- **3108 BMGMT 380N3 (5) 5-6:50pm T WSC 109 Crawford**

A core course designed to develop the marketing knowledge and skills necessary for the successful manager of a profit or non-profit organization. Students develop and present a comprehensive marketing plan.

## BACHELOR APPLIED SCIENCE – DIESEL TECHNOLOGY

### Emissions Control
- **4134 BDET 320A4 (5) 8-11am MTWTh TEC 154 Lucas**
- **12-12:50pm MTWTh TEC 159 Lucas**

Course content focuses on the theory and application of diesel exhaust emissions reduction technology. Prerequisite: enrollment in BAS-DT or by permission. **Class meets 10/26-12/3/15.**

### Regulatory Issues
- **4204 BDET 410A4 (5) 8-11am MTWTh TEC 154 Fay**
- **12-12:50pm MTWTh TEC 159 Fay**

Studies the requirements set forth by OSHA, MSHA, and the EPA relating to diesel fueled automotive and industrial equipment. Content to include current laws, preferred practices and case studies of industrial accidents. Prerequisite: BDET 300. **Class meets 9/21-10/22/15.**

---

### Sign up for emergency alerts

Centralia College uses e2Campus, a system that sends alert messages when emergencies and selected other situations impact the normal day-to-day operations of the college.

As a subscriber to e2Campus, you will receive emergency, crisis, severe weather, priority, and other important messages via text message, email, voicemail, etc.

Subscribing to e2Campus also puts you on the Lewis County Code Red Emergency messaging system, which provides critical information from county emergency personnel.

To sign up, follow the instructions at [http://www.centralia.edu/admin/services/it/e2campusinst.html](http://www.centralia.edu/admin/services/it/e2campusinst.html)
The Centralia College TEEN (Teens Entering Education Now) program has paired up with a local farm to teach nutrition and build a sustainable meal program.

TEEN Program Manager Kristi Jewell collaborated with Kari Windsor of Blue Earth Farms in Chehalis to help students raise food to supplement the program’s limited food budget. (The TEEN program provides one healthy meal a day for students who may otherwise have little to nothing to eat.)

Digging right in, Blue Earth Farms worked with teens to start a small garden plot on campus from which they could learn about sustainability, nutrition and economics. TransAlta Community Transformers generously supported the project, assisting with materials needed for the gardens and kitchen classroom. After five years, the fruit of this community partnership continues to flourish.

In addition to tending on-campus plots, students also grow produce at Blue Earth Farms. Last year, they raised 1,000 pounds of squash alone! A portion of the fresh food harvested goes directly to supplement their nutrition-based meal program. They also earn wages selling the excess produce. Thanks to the Twin Cities Rotary and the Puget Sound Community Foundation, a farmer’s market booth was built on campus, where students learn basic business skills as they sell the extra produce, plants, and seeds. Since many of the teens receive assistance through TANF and WIC, these work opportunities teach responsibility and help students learn the value of earning wages in the marketplace.

Integrated in these hands-on experiences are numerous opportunities for students to practice math, science, English, and teamwork. Planting seeds of success, Blue Earth Farm’s partnership enhances the potential for students to continue their education after they graduate from the TEEN program.

“I feel extremely privileged to be involved with the TEEN Program and look forward to our future adventures and growth!” said Winsor.

For more information about the TEEN program, call 360-736-9391, ext. 341.
WHAT DO I DO AFTER REGISTRATION?
Go to cconline.centralia.edu to access instructions on how to login to CANVAS.

eCORRESPONDENCE COURSES
eCorrespondence courses allow you to complete coursework on a self-paced schedule. There are no due dates for assignments. You have until the end of the quarter following registration to complete an eCorrespondence course. If you’re receiving financial aid, be sure to ask about a second quarter. You can register up until the 35th class day. All of your course material will be available online, and you will turn in your homework online as well.

eCORRESPONDENCE AND ONLINE FEE INFORMATION
A fee of $4 per student enrolled in at least one online or eCorrespondence class will be applicable. Additionally, a $2 per credit fee will also be applied.

ONLINE CLASSES
Online courses are dynamic and interactive classrooms where you can login any time, day or night. You will have the flexibility of working in your classroom when it’s convenient for you, but there are assignments, schedules and due dates. Plan on logging in regularly to interact with the instructor and other students.

SECTION CODES
Class sections that include numbers indicate online components are part of the class.

1 = Class is fully online (An interactive virtual classroom is used to communicate with faculty and other students. There are assignments, schedules and due dates.)
2 = Class is eCorrespondence (Self-paced, no scheduled due dates for assignments. Students can enroll up until the 35th class day. All course material is online.)
3 = Class is hybrid (A portion of seat time is replaced with online interaction.)
4 = Class is web-enhanced (100% face-to-face, some files, resources or activities are online.)
5 = Class is flexible (Students can choose to attend class in person or online.)
### CENTRALIA COLLEGE ONLINE CLASSES

Classrooms open starting on ......................... Sept. 21
Instruction begins .............................. Sept. 21
Instruction ends ........................................ Dec. 4

<table>
<thead>
<tr>
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<td>Writing in the Workplace</td>
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*Course requires proctored testing, for more information call (360) 736-9391, ext 672.

### WAOL SHARED ONLINE CLASSES

Classrooms open starting on ......................... Sept. 17
Instruction begins .............................. Sept. 24
Instruction ends ........................................ Dec. 2

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<td>3272</td>
<td>ECED &amp;</td>
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<td>Health/Safety/Nutrition</td>
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<td>EDUC &amp;</td>
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<td>Guiding Behavior</td>
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<td>Infants/Toddlers Care</td>
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<td>134AW1</td>
<td>Family Child Care</td>
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<td>110DS1</td>
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<td>3424</td>
<td>LIBR</td>
<td>180AW1</td>
<td>Research in the 21st Century</td>
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### Bookstore offers online search for books, gifts and more!

- **No lines**
- **No hassles**
- **No waiting**
- **Wide range of Blazer apparel**

The Centralia College Bookstore offers more than textbooks for all classes, Blazer apparel and gifts, class materials, and supplies. Now you can use the posted ISBN number to find your textbooks online and to shop for the best price. No matter where you buy your textbook, as long as you shop using the same ISBN, you will know the required book for each class.

Visit the Bookstore at [www.centraliabookstore.com](http://www.centraliabookstore.com).
Continuing & Community Education

How to register:

- Mail in registration to Centralia College Office of Admissions and Records
- Phone in using a credit card by calling 360-736-9391, ext. 427 or 483
- Fax in registration and credit card information to 360-330-7106
- Walk in registration at the Office of Admissions and Records

Watch for the complete Continuing & Community Education schedule coming soon to your mailbox.

For more information, call 360-736-9391, ext. 483 or visit www.centralia.edu/academics/cont-ed/

BEEKEEPING

Beginning Beekeeping/Apprenticeship

This class focuses on the hobby, residential and small farm beekeeper. Emphasis is on the seasonal care of new hives and colonies. Our style is networking, participation and interaction, and discussions are focused to your needs and questions. We have examples and actual hands-on learning aids. You see, hold, analyze and feel what the books only talk about. You get a productive knowledge base to keep your bees happy, productive, healthy, and safe. The class is sanctioned by the Washington State Beekeepers Association. Upon completion, you will receive an Apprenticeship Certificate. Instructor Tim Weible

Sept 21 - Oct 26  M 7:00pm - 9:00pm  WAH 103
Code 4674  Course CS 118A  $20

CHICKEN CARE

Chicken Care and Processing Workshop

This workshop will cover the caring and processing of chickens, with a focus on winter flock management.

Part 1: Learn to develop a system for your birds that is cost-effective and enables the birds to live productive, healthy and vibrant lives. Students learn about the anatomy of a chicken, its nutritional needs, how to feed them for free, housing and other accommodations, common pests, diseases, and treatments.

Part 2: Learn to harvest your chickens. Once hens stop producing eggs, they can still be productive. This workshop covers safe and humane dispatch of the chicken, cleaning and dividing the meat; using every part of the chicken, and (brief) techniques to serve and cook the meat. You take home a basic plan to implement, allowing you and your chickens to live in harmony, and a few recipes. Classes are held at 3479 Centralia Alpha Rd., Onalaska. Instructor Chris Hodge

Sept. 19

PART 1:  Sa 10:00am-12:00pm  $45
Code 4682  Course CS 181D  Onalaska
PART 2:  Sa 12:00pm-2:00pm  $45
Code 4683  Course CS 181E  Onalaska
BOTH PART 1 & PART 2:  Sa 10:00am-2:00pm  $80
Code 4684  Course CS 181F  Onalaska

Nov. 14

PART 1:  Sa 10:00am-12:00pm  $45
Code 6608  Course CS 181A  Onalaska
PART 2:  Sa 12:00pm-2:00pm  $45
Code 6609  Course CS 181B  Onalaska
BOTH PART 1 & PART 2:  Sa 10:00am-2:00pm  $80
Code 6610  Course CS 181C  Onalaska

COMPUTERS

Computer Basics for Beginners

This class is for the new computer user who wants to learn about computers in an easy to understand hands-on course. You will learn to use the desktop, taskbar, scroll bars and other controls necessary to be proficient in Windows. Effectively use the basic programs to write letters and save into organized folders you create. Learn to use flash drives to make information portable. This class uses Windows 7, not Windows 8. Instructor Amanda Warner.

Sept 21 - Oct 12  M 6:00pm-8:30pm  WAH 212
Code 4635  Course CS 152A  $50
Lifelong Learners 50+
Code 4636  Course SNRC 043A  $30

Registration begins Aug. 13!

Please register no later than 24 hours prior to the beginning of a class.
Intermediate Computer
If you have completed Computer Basics or have an understanding of creating and saving documents, this class helps you build file management skills by practicing, creating, copying, moving, and deleting files and folders. Expand your knowledge to include common tasks, such as printing and moving information from one application or folder to another, and using “search” to find anything on your computer! You will also learn to maintain your computer, work with the Control Panel to make personalization changes, navigate the Internet, and effectively find and save information. This class uses Windows 7, not Windows 8. Instructor Amanda Warner.

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<tr>
<td>Code 4640</td>
<td>Course SNRC 043C</td>
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</table>

Microsoft Word
Designed to help you become efficient at creating, editing and saving documents. Topics include formatting, copying, selecting, and editing. Instructor Amanda Warner

<table>
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<tr>
<th>Sept 23 - Oct 14</th>
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<th>WAH 212</th>
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DANCE

Intermediate Ballroom Dancing
For those who know the basics and want to move on to more technical steps and dance positions, this class will improve your floor craft and personal styling. Includes all dances from the beginning class, plus introduction to West Coast Swing and Samba. Classes will be held at Flying Tiger Exercise Arts Center at 219 S. Tower Ave., Centralia. Instructor: Marie Kiser. No class 11/26.

<table>
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DANCE

Modern Western Square Dance
Meet fun new people in a family friendly environment. Improve your health with an American Medical Association recognized low impact aerobic dance form. Modern Western Square Dancing is friendship set to music. Lesson are held at the Oakview Grange, 2715 N. Pearl St., Centralia. The music is modern and lessons are taught by a nationally known caller/instructor. Fun for all ages. Singles or couples are welcome. Club members will be on-hand to help. Come as you are. No special outfits are needed, but wear comfortable shoes. Contact Mike and Marion Freels at 360-273-4884 or Larry and Andrea at 360-273-6008. We invite you to join the fun.

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Beginning Ballroom Dancing
Learn to glide your partner around the dance floor with style and grace. You will learn the salsa, waltz, foxtrot, swing, rumba, cha cha, tango, and nightclub two-step. Leading and following techniques and timing are stressed. Classes will be held at Flying Tiger Exercise Arts Center at 219 S. Tower Ave., Centralia. Instructor: Marie Kiser. No class 11/26.

<table>
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<tr>
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FIBER ARTS

Fiber Art Clinics
Take your first steps as a fiber artist. In small groups, set your individual pace and schedule to develop your silk painting/dying and or wet felting skills. Techniques will be applied to your choice of designing hung/framed or wearable art pieces. Experience the inspiration and encouragement that is unique to learning and exploration in a multimedia, and multi-skilled environment. Each clinic will provide an opportunity for your choice of a variety of silk dying/painting or wet felting techniques. Choose to develop one or both medias. Beginner and advanced opportunities will be presented. See the Fiber Arts Clinics schedules, choices and supply fee list to plan for the number of clinics you would like to attend. Contact instructor at least two days prior to clinic with your choices. Five students per session limit. Classes held at 2114 Sandra Ave., Centralia. Supply fees indicated. Instructor: Sue Wachter, localartclass@gmail.com, 360-870-6569.
Clinics limited to 5 participants.
Beginning Silk Dyed Scarf – 1 session, supplies $15 each scarf
Beginning Silk Dyed Scarf with Wax Batik – 1 session, supplies $15 each scarf
Silk Dying Abstract with Depth – 2 sessions, supplies $20 two scarves
Silk Painting with Resist – 1 session, 10x10 finished piece, supplies $10 or 2 sessions, 18x18, supplies $15
Dyed Silk Scarf with Resist – 2 sessions, supplies $15-20
Silk Painting without Resist Lines – 3 sessions, (silk painting or watercolor experience required), supplies $20
Wet Felted Wall Painting – 1 session, supplies for 2 complete/ mounted and matted pieces $10
Wet Felted/Silk Scarf – 1 session, supplies $20- (session may run longer)
Wet Felted with Hand Dyed Silk and Embellishments – 2 sessions, supplies $25
Rainbow/Multi-layered Silk Ruffled Felted Scarf – 2 sessions, supplies $40, (wet felting experience helpful).
Oct. 29  Th  5:30pm - 8:00pm Centralia
Code 4671  Course CS 101H  $30
Nov. 5  Th  5:30pm - 8:00pm Centralia
Code 4672  Course CS101J  $30
Nov. 12  Th  5:30pm - 8:00pm Centralia
Code 6606  Course CS 101C  $30
Nov. 19  Th  5:30pm - 8:00pm Centralia
Code 6607  Course CS 101D  $30

FIRST AID & CPR

First Aid & CPR Certification
The American Heart Association Heartsaver First-aid/CPR/AED class covers bleeding control, seizures, epi pen use, allergic reactions, broken bones, choking, poisoning, CPR for adults, children and infants, and other life threatening emergencies. Learn to use an AED (automated external defibrillator). Upon completion, you will receive an American Heart Association card.
AHA cards are valid for two years. No refunds will be given if you do not withdraw at least 24 hours prior to the start of class. Instructor: Chris Layton. Cost for each class is $60.

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<th>Date</th>
<th>Code</th>
<th>Course</th>
<th>Time</th>
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<tbody>
<tr>
<td>Sept 21 - Dec 11</td>
<td>Code 4708</td>
<td>Course CS 129E</td>
<td>6:00pm - 6:30pm</td>
<td>HWC 200</td>
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<td>8:30am-4:00pm</td>
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<td>FID 12</td>
<td>Code 4601</td>
<td>Course CE 207B</td>
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<td>Oct 10</td>
<td>Code 4661</td>
<td>Course CE 207C</td>
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<td>Nov. 14</td>
<td>Code 6600</td>
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<td>Dec. 12</td>
<td>Code 6601</td>
<td>Course CE 207B</td>
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FITNESS

Yoga
This exercise class combines flexibility, muscular strength, endurance, and relaxation. You will be encouraged to work at your own level of fitness. Bring a yoga mat. Instructor: Emily Parnham. No class 11/27.

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<tr>
<td>Sept 22 - Dec 8</td>
<td>Code 4708</td>
<td>Course CS 129E</td>
<td>6:00pm - 6:30pm</td>
<td>HWC 200</td>
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<td>8:30am-4:00pm</td>
<td>HWC 106</td>
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Senior Adult Fitness
Senior Adult Fitness is a medically supervised exercise class for individuals who have had a heart attack or are at high risk of heart disease. Individuals with pulmonary disorders are also encouraged to participate. For more information, contact the instructor at 360-748-6892. Instructor: Jana Dean. No class 10/9, 11/11 & 11/27

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<th>Date</th>
<th>Code</th>
<th>Course</th>
<th>Time</th>
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<tbody>
<tr>
<td>Sept 21 - Dec 11</td>
<td>Code 4628</td>
<td>Course CS 129E</td>
<td>6:00pm - 6:30pm</td>
<td>HWC 125</td>
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<td>MWF</td>
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<td>7:00am-7:30am</td>
<td>HWC 125</td>
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<tr>
<td>Lifelong Learners 50+</td>
<td>Code 4628</td>
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<td>6:00pm - 6:30pm</td>
<td>HWC 125</td>
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<tr>
<td>Sept 21 - Dec 11</td>
<td>Code 4629</td>
<td>Course SNRC 096B</td>
<td>6:00pm - 6:30pm</td>
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<td>Lifelong Learners 50+</td>
<td>Code 4629</td>
<td>Course SNRC 096B</td>
<td>8:00am-8:30am</td>
<td>HWC 125</td>
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| T'ai Chi Daytime
T'ai Chi is a centuries old Chinese form of exercise characterized by slow, graceful movements of a gentle, non-impact nature. Instructor: Russell Barr. No class 11/11.

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<th>Code</th>
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<tr>
<td>Sept 21 - Dec 11</td>
<td>Code 4633</td>
<td>Course CS 129D</td>
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<td>8:00am-8:30am</td>
<td>HWC 200</td>
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<tr>
<td>Lifelong Learners 50+</td>
<td>Code 4633</td>
<td>Course CS 129D</td>
<td>8:00am-8:30am</td>
<td>HWC 200</td>
</tr>
<tr>
<td>Code 4634</td>
<td>Course SNRC 090C</td>
<td>$35</td>
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Beginning-Advanced Tae kwon-do
Multi-level classes for men, women, and young adults (ages 16 and up), to develop balance, agility, spatial awareness, strength and flexibility. Students will further development of techniques, forms required, the sport, and self-defense aspects required to advance to blue and orange belt in the Korean martial art of Tae Kwon Do. Instructor: Larry Grove. No class 11/11.

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<th>Date</th>
<th>Code</th>
<th>Course</th>
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<th>Location</th>
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<tbody>
<tr>
<td>Sept 21 - Dec 9</td>
<td>Code 4630</td>
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<tr>
<td>Beginning</td>
<td>Code 4630</td>
<td>Course CS 129A</td>
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<tr>
<td>Intermediate</td>
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<tr>
<td>Advanced</td>
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<td>Course CS 129C</td>
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<td>HWC 200</td>
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Interested in Teaching?
Do you have a hobby, talent or expertise you would like to share with others and earn income at the same time? Continuing Education is always looking for new classes and instructors.

We are now accepting new course proposals for Winter Quarter 2016.

Please contact Karie Jorgensen at 360-736-9391, ext. 623, or kjorgensen@centralia.edu
Senior-Friendly T’ai Chi, Wu Style Level 1
Learn the slow and graceful movements of Wu style T’ai Chi in an approach designed for the abilities of mature adults. T’ai Chi has been shown to improve balance, coordination, and lower-body strength and lead to deep relaxation. Instructor: Margaret Rader. No class 11/11.

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<tr>
<td>Sept 21- Dec 9</td>
<td>MW</td>
<td>2:00pm-2:50pm</td>
<td>HWC 200</td>
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<td></td>
<td>Code 4627</td>
<td>Course SNRC 090B</td>
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Senior-Friendly T’ai Chi, Wu Style Level 2
For students who have taken at least two quarters of Senior-Friendly Tai Chi and who would like to learn the entire Wu-style long form. We will also emphasize exercises to increase strength, flexibility and deepening intent and relaxation. Class will be combined with Level 1. Instructor: Margaret Rader. No class 11/11.

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<td>Code 4627</td>
<td>Course SNRC 090B</td>
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FLAGGER

Flagger Training & Certification
You will be taught professional flagging techniques and proper work zone set-up in accordance with standards and guidelines of the Federal Manual on Uniform Traffic Control Devices (MUTCD), Washington State Department of Transportation (WSDOT), and the Department of Labor and Industries (L & I) Washington Administrative Code pertaining to flagging and temporary traffic control. Students passing the demonstration portion and 50-question exam will receive the Washington State Flagger Certification Card accepted in Washington, Oregon, Idaho, and Montana, and the American Traffic Safety Services Association (ATSSA) National Flagger Certification Card accepted in most other states. Course includes references to the ATSSA flagging workbook, MUTCD, workshops, flagging demonstration, video, and PowerPoint presentation. Successful completion of course certifies students for a period of three years. No refunds will be given if you do not withdraw at least 24 hours prior to the start of class. Cost for each class is $65. Instructor: Rich Bunker.

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<th>Date</th>
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<tr>
<td>Sept 24-Oct 22</td>
<td>Th</td>
<td>6:00pm-7:30pm</td>
<td>WAH 109</td>
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<td></td>
<td>Code 4705</td>
<td>Course CS 207B</td>
<td>$115</td>
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RESTART: a sugar detox program
This five-week RESTART program is a simple, powerful way to give your body a vacation from processing toxins like sugar. With a three-week sugar detox built in, the program focuses on how to use real food to boost your energy and cut sugar and carb cravings. Discover how good you can feel! Instructor: Kate Moore.

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<td>Oct 8-Oct 22</td>
<td>Th</td>
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<tr>
<td></td>
<td>Code 4673</td>
<td>Course CS 206A</td>
<td>$40</td>
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IMPROVISATION

Improvisation for the Theatre
This six-week class will help you develop and sharpen creative improvisational skills for the theatre through independent observation and group participation. You will learn to express emotions through body language and sound, and to eliminate self-consciousness when improvising. Dress comfortably and bring a pen and paper. Instructor: Toni Lawrence.

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<td>Sept 29-Nov 3</td>
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<td>6:00pm-7:30pm</td>
<td>WAH 109</td>
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<td>Code 4706</td>
<td>Course CS 172A</td>
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KNITTING

Beginning Knitting
Casting on, yarn size, vocabulary and definitions, needle sizes, reading patterns, styles of knitting, and sewing garments together - these are just a few of the things you will learn in this class. Beginning students will make a scarf. Supply kit includes needles, yarn and pattern. Supply cost $15-$20. Instructor: Evelyn Baxter.

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<td>Sept 22-Oct 27</td>
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<td>7:00pm-8:30pm</td>
<td>WAH 115</td>
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<td>Code 4658</td>
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CONTINUING & COMMUNITY EDUCATION

CENTRALIA COLLEGE | www.centralia.edu

MOSAICS

Mosaics Workshop
A fun, six-week class in which you can learn all the basics of mosaic art, and/or work independently and take your mosaic skills to the next level. Each student will design and complete an individual piece, choosing from a huge collection of tiles and bases provided by the instructor (or feel free to bring your own treasures to transform, e.g. picture frames, small trays, boxes, etc.). All required materials and supplies (glass, pebbles, broken dishes, glue, mortar, grout, etc.) are provided. Supply cost $20. Instructor: Susan Alexander.

Sept 28 - Nov 2  M 2:00pm-4:00pm  NSC111
Code 4702  Course CS 102K  $75

NON PROFIT

Grant Writing Basics for Non Profit Organizations
This workshop is focused on preparing for and writing grants for small non profit organizations. The course will cover the elements of a grant proposal, budget development, and providing evaluation metrics to measure the impact of your project on your community. The presentation includes ample time for questions and answers and audience discussion. Instructor: Gayle Palmer.

Sept 26  Sa 9:00am - 1:00pm  WAH 115
Code 4699  Course CS 176C  $60

Creating a Fund Raising Plan for Non Profit Organizations
This workshop covers planning, development and implementation of a long-term, strategic funding plan to support the mission of your non profit organization. It matches your mission with the funding needed to accomplish projects. Focus is on how to prepare a plan that will provide a steady source of funding for your community. Instructor: Gayle Palmer.

Oct 17  Sa 9:00am - 1:00pm  WAH 115
Code 4700  Course CS 186A  $60

MUSIC

Pacific Northwest Chamber Orchestra
The orchestra provides performance experience for high school, college or adult community string musicians. Players will be seated by the conductor through audition at the first rehearsal. You’ll be asked to prepare a short excerpt to demonstrate your skill. Sight-reading will be required. Additional sectional rehearsals may be scheduled as needed. Musicians must supply their own instrument. Supported in its activities by the Pacific Northwest Orchestra Association. Conductor: David Judd.

Sept 21 - Dec 7  M 7:00pm - 9:00pm  WAH 150
Code 4616  Course CS 163A  $25

Community Band
Lewis County Community Band offers performance experience for band instrumentalists, college students, and community adults. Provides opportunity to improve technical and musical skills, as well as community service when possible. If you do not have an instrument, some are available through the college for a rental fee of $15 per quarter. Director: Louie Blaser.

Sept 22 - Dec 8  T 7:00pm-9:00pm  WAH 150
Code 4617  Course CS 163B  $25

PHOTOGRAPHY

Preserving Memories
Have you recently inherited a shoebox of old photos? Do you know what to do with them? This course will provide the basic knowledge and tools you will need to save and share your favorite photos, negatives, and slides. In one two-hour lecture, we will discuss the process of preserving your images, both physically and digitally. We will also discuss how to digitally restore your favorite photos, negatives, and slides. In one two-hour lecture, we will discuss the process of preserving your images, both physically and digitally. Instructor: Sue Wachter.

Sept 26  Sa 9:00am - 1:00pm  WAH 115
Code 4677  Course CS 102E  $60

How to use your DSLR Camera
If you received a big fancy camera for your birthday or Christmas, and you are just shooting in Auto Mode, this is the class for you! Nikon, Canon, Olympus, and more. We’ll go over the different general settings, what they mean and how to use them. Depending on class time, we can also explore some of the brand and model-specific settings. Learn to choose a setting based on lighting and occasion. Other topics include photography terminology, care for your equipment, how to choose/use/care for accessories, and tips for taking great photos. Bring your camera, user’s manual and notepad. Instructor: Lindsay Hodge.

Oct 24  Sa 10:00am-12:00pm  Onalaska
Code 4686  Course CS 121D  $30

PAPER CRAFT

The Paper Trail
A fun, new class in which paper is the central theme! Each week we will explore the endless, creative possibilities of paper, from making our own papers to constructing beautiful baskets, bowls, books, boxes, and ornaments. Instructor will provide all needed materials. Supply lists will be available at first class. Supply cost $10. Instructor: Susan Alexander.

Sept 28 - Oct 19  M 6:00pm-8:00pm  WSC 111
Code 4677  Course CS 102E  $60

PAINTING

Beginning Watercolor
This 11-week class will cover all aspects of painting with watercolors. Students are asked NOT to bring any painting supplies to the first class. The instructor will provide the required paper, paints and brushes at the first class, and a list of support items that can be purchased (approx $25) for the second class. Instructor will start with the basics then move toward more advanced steps. Instructor: Paul Randall.

Sept 21 - Nov 30  M 6:30pm - 8:00pm  WAH 116
Code 4701  Course CS 138A  $125

Beginning Artist Watercolor
Come explore and easily find beginning success. Each week basic techniques will be demonstrated and applied through practice and projects. Youth are welcome! Students under 12 must be accompanied by an adult. Each three-week session will present new concepts and projects. No prerequisite for any of the sessions. Classes held at 2114 Sandra Ave., Centralia. Supply cost $20. Instructor: Sue Wachter.

Oct 8 - Oct 22  Th 5:30pm - 8:00pm  Centralia
Code 4670  Course CS 136A  $45
RABBITS

Production Rabbit Care

Part 1: Learn to develop a cost-effective system that will enable your rabbits to live productive, healthy and vibrant lives. You’ll learn about housing, breeding and feeding needs, and how to use rabbit droppings to fertilize your garden.

Part 2: Learn to harvest your meat rabbits. This workshop will cover how to dispatch of the rabbit safely and humanely, clean and divide the meat, and use every part of the rabbit. We will briefly cover the different techniques for tanning the hide. You will take home a basic plan that will allow you and your rabbits to live in harmony. Classes held at 3479 Centralia Alpha Rd., Onalaska. Instructor: Chris Hodge.

Sept. 5

PART 1: Sa 10:00am-12:00pm Onalaska
Code 4679 Course CS 181A $45

PART 2: Sa 12:00pm-2:00pm Onalaska
Code 4680 Course CS 181B $45

BOTH PART 1 & PART 2 Sa 10:00am-2:00pm Onalaska
Code 4681 Course CS 181C $80

SCARF DYING

Silk Scarf Dying

Design and create beautiful 100 percent silk scarves using professional dyes from Jaquard's Red label dyes, which have the reputation of having the richest, most elegant colors. Learn new techniques with each scarf created. Supply cost $10 per scarf dyed. You will have time to dye 2-3 scarves. Class held at 17831 Applegate St. SW, Rochester. Instructor: Joan Hitchcock.

Sept 30

W 6:30pm - 9:00pm Rochester
Code 4659 Course CS 101D $30

Oct 28

W 6:30pm - 9:00pm Rochester
Code 4660 Course CS 101E $30

Nov 18

W 6:30pm - 9:00pm Rochester
Code 4664 Course CS 101A $30

SIGN LANGUAGE

Beginning ASL

This course will provide a brief history of the origin of American Sign Language and Deaf Culture, as well as provide a strong basic vocabulary of signed words and phrases. Students will be given opportunities for in-class signing assignments and practice, and also an agenda of community events for participation. Students will be expected to attend at least one community event during the quarter. Supply list: textbook "Talking With Your Hands, Listening With Your Eyes" (widely available online), a 1" or 2" three-ring binder, notebook paper, pens/pencils. Instructor: Julie Lobaugh

Sept 22 - Dec 1
T 6:00pm-8:00pm WSC 101
Code 4657 Course CS 238A $50

SOUND ENGINEERING

Live Sound Engineering

This course is designed for people wishing to expand their skill at mixing live sound in a variety of dynamic environments. The approach is not by rote; no one ever learned how to do this by demonstration of a technique without understanding of "why" engineers everywhere do this. You will be exposed to the real world of live sound through active learning. Yes, there are tricks. Yes, there are rules. And yes, there are mistakes to be made. We will explore them, learn from them, and walk out the door with richly deserved confidence. Instructor: Richard Summers.

Sept 24- Nov 5
Th 6:00pm-8:00pm WAH 150
Code 4663 Course CS 173A $109

STAINED GLASS

Stained Glass – Lead & Foil

Learn the techniques to make and complete your first stained glass panel. Class covers selecting design, leading basics, soldering, and finishing techniques. You can purchase supplies and tools from the instructor at class or bring your own glass tools. Glass and material supplies will cost approximately $100-200, payable to the instructor. Class held at 18245 Irwin St. SW, Rochester. Call 273-6562 for directions. Please bring a fine or medium black and silver Sharpie to class. Students may bring a sack lunch or snack. Instructor: Karen Milton. No class 11/26.

DAY CLASS:

Sept 23 - Oct 21
W 11:00am-2:00pm Rochester
Code 4688 Course CS 102F $107
Lifelong Learners 50+
Code 4689 Course SNRC 081M $54

Oct 28 - Nov 25
W 11:00am-2:00pm Rochester
Code 4690 Course CS 102G $107
Lifelong Learners 50+
Code 4691 Course SNRC 081N $54

Dec 2 - Jan 6
W 11:00am-2:00pm Rochester
Code 6610 Course CS 102A $107
Lifelong Learners 50+
Code 6611 Course SNRC 081A $54

EVENING CLASS:

Sept 24 - Oct 22
Th 6:00pm-9:00pm Rochester
Code 4692 Course CS 102H $107
Lifelong Learners 50+
Code 4693 Course SNRC 0810 $54

Oct 29 - Dec 3
Th 6:00pm-9:00pm Rochester
Code 4694 Course CS 102J $107
Lifelong Learners 50+
Code 4695 Course SNRC 081P $54

This list of classes offered is correct on the date of publication. For the most current class information and list of classes offered, see Updated Class Schedules at www.centralia.edu.
Stained Glass Workshops
Beginners welcome! One-day workshops are a great way to sample stained glass and create a project to keep or give as a gift! Material cost listed below. Class held at 18245 Irwin St SW, Rochester. Instructor: Karen Milton.

FUSED STANDING CHRISTMAS TREE ($12-$16)
Oct 2  F  5:30pm-9:00pm  Rochester
Code 4698  Course CS 101M  $35

FUSED STANDING CAT ($12-$16)
Oct 5 & Oct 12  M  6:00pm - 9:00pm  Rochester
Code 4696  Course CS 101K  $35

EVERYTHING CHRISTMAS-HOLLY, ANGELES, POINSETTA ETC... ($10-$15)
Oct 10  Sa  10:00am - 3:00pm  Rochester
Code 4697  Course CS 101L  $35

LEADED ANGEL ($12-$16)
Nov 30  M  6:00pm - 9:00pm  Rochester
Code 6614  Course CS 101F  $35

FUSED SNOWFLAKES($15-$25)
Dec 4  F  5:30pm - 9:00pm  Rochester
Code 6613  Course CS 101E  $35

WELDING
INTRO TO ARTISTIC WELDING & METAL WORKING.
Students will be introduced to beginning welding techniques and metalworking. Students will learn a variety of processes, including oxy/acetylene welding, MIG welding (GMAW), torch cutting, plasma cutting, and the use of metal shears, benders, grinders, punches, saws and drill presses. Students interested in learning other processes, such as TIG (GTAW) or stick welding (SMAW), will be given special instruction and the opportunity to practice on their own. Supply list will be mailed. Instructor: Marycolleen Foley. No class 11/11.

Sept 23 - Dec 2  W  6:00am-9:00pm  Tec 103
Code 4676  Course CS 139A  $120

WOODWORKING
Wood Signs with Stencil Making
Learn techniques and tricks for designing effective stencils that reflect your style and attitude. Instruction will be given for preparing and distressing wood surfaces. During the class, you will combine this knowledge to confidently create beautiful, humorous or inspiring wood plaques. The goal is for you to be fully prepared to make great decor for your home. The plaques will make great gifts for friends and family just in time for the holidays. You will need to bring a wood burner or wood burning pen with a stencil tip. Supply cost $10. Instructor: Grace Wills.

Sept 22 - Sept 29  T  5:30pm - 7:30pm  Tec 159
Code 4668  Course CS 101F  $30

Oct 20 - Oct 27  T  5:30pm - 7:30pm  Tec 159
Code 4669  Course CS 101G  $30

Nov 10 - Nov 17  T  5:30pm - 7:30pm  Tec 159
Code 6605  Course CS 101B  $30

WRITING
Mostly Made-up Memoirs
It has been said, “We are the authors of our life story.” Such is the foundation of this journaling class, where we will explore the benefits of rearranging, adding or removing chapters and characters from the past to create a story worth living. This is not a “how to write your memoirs” class but a class to personally confront issues. Bring a journal or notebook, pens and your lunch. Instructor: Carly Monteith. Classes held at CCEast in Morton.

Oct 17  Sa  9:00am-1:00pm  MOR 101
Code 4707  Course CS 176D  $65

Journaling to Tame the Grief Beast
Loss happens, hearts break and grief arrives. Sometimes this unwanted guest refuses to leave. This journaling class will explore if/why/how grief has a hold on your life and how to regain balance. Writing exercises will help you address, disarm and evict the unwanted and hurtful grief beast. Bring a journal or notebook, pens and your lunch. Instructor: Carly Monteith. Classes held at CCEast in Morton.

Nov 14  Sa  9:00am-1:00pm  MOR 101
Code 6619  Course CS 176C  $65

Make Your Living as a Writer & Self-Publishing.

Oct 17  Sa  9:00am-2:00pm  HWC 106
Code 4655  Course CS 176A  $70

Write a Great Novel
Turn your idea into a great novel and avoid the most common mistakes writers make. Learn to develop believable and relatable characters; structure compelling plots and subplots; create relevant and idiosyncratic dialogue; write description that sets tone and place; define your genre; use outlines, plot charts and viewpoints; select names for characters and titles; research for realism and interest; use proven writing processes; and more. PowerPoint presentation and detailed outline. Get your questions answered. Bring your lunch. Instructor: Joelle Steele.

Nov 7  Sa  9:00am-2:00pm  WAH 115
Code 4656  Course CS 176B  $70
The following classes are offered by Centralia College East in Morton.

Watch for the complete CC East Continuing & Community Education schedule coming soon to your mailbox. For more detailed descriptions or questions, please call 360-736-9391, ext. 380.

**MORTON – SPECIAL INTEREST**

**Fitness for Health**
- **3091 ASI 012R (1) 4-4:50pm MW MOR 101 Staff**
  Designed to improve the five areas of health-related physical fitness-cardiovascular endurance, muscular strength, muscular endurance, body composition and flexibility. Participants work at their own level of fitness. Class fee $25.

**Better Bones and Balance**
- **3092 ASI 015R (1) 9:30-10:20am TTh MOR 101 Staff**
  Reap the benefits shown by OSU Bone Research studies. This exercise program can significantly slow loss of bone density in adults of all ages, as well as improve balance, flexibility, coordination, muscle tone and overall body fitness. Class fee $25.

**Computers For the Fearful**
- **3093 ASI 020R (2) 8:30-11am TTh MOR 112 Burres**
  Become familiar with the parts of a computer and terminology used to talk about them. Produce a few documents and learn about the programs that come with Windows. Class fee $47.

**Art Explorations**
- **4178 ASI 050R (2) 10:30am-1:20pm F MOR 101 Cantin**
  Discover and explore works of art through slide lectures, seminars, and creative hands-on art activities, including mask-making and festival projects. This 3-hour art workshop is designed for all abilities and experience. The focus will be on the art and cultures of Latin America from pre-Columbian Mexico, Central America and Peru and their influence on world art through the conquest to the contemporary art of today. Class fee $51.

**MORTON – BUSINESS MANAGEMENT**

**Microsoft Excel-Brief**
- **3595 SMGT 120R (2) 11am-1pm T MOR 112 Cantin**
  Courseware incorporates an accelerated, step-by-step, project-based approach, students develop an introductory level competency in Excel learning to create, edit, format, calculate and add special features to spreadsheets. Prerequisite: some computer experience. Class fee $45.13.

**Microsoft Word**
- **3597 SMGT 197R (3) 11:30am-1:30pm Th MOR 112 Cantin**
  Coursework incorporates a step-by-step, project-based approach to develop competency in Microsoft Word to create, edit, format, and add graphics to documents. In addition to effectively plan, research, write and publish documents. Prerequisite: general understanding of personal computers and Windows. Class fee $96.13.

**Microsoft PowerPoint**
- **3598 SMGT 298R (3) 11am-1pm Th MOR 112 Cantin**
  Coursework incorporates a step-by-step, project-based approach to develop competency in Microsoft PowerPoint to create, edit, and format professional presentations using tables, graphics, sound, animation, SmartArt and other common features. Class fee $96.13.
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