SPRING 2015
Spring classes start the week of March 30!

Leah Hannaford
From Kenya to Centralia
Page 24
SPRING Quarter 2015 Calendar

Open Registration Begins.................................................................March 4
Tuition and fees due........................................................................March 4
First Day of Classes........................................................................March 30
Online Classes Begin ........................................................................See page 39
Advising Day (All classes in session).................................May 14
Memorial Day Holiday (No Classes).....................................May 25
Last Day of Classes .......................................................................June 8
Assessment Day (No Classes)..................................................June 9
Final Examinations ........................................................................June 10, 11, 12
Commencement .................................................................................June 15
Quarter Break ..................................................................................June 13-30

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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

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

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

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.
Get started at Centralia College!

Applying to Centralia College is easy. There is no application fee. Online applications are accepted throughout the year for most programs.

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

2. **Apply for Financial Aid and Scholarships**
   Apply for financial aid and scholarships as soon as possible—**do not delay**!
   For more information, contact Financial Aid at 360-736-9391, ext. 234.

3. **Take a Placement Test**
   Placement tests help Centralia College find the right classes for you. For more information, call 360-736-9391, ext. 216 or visit www.centralia.edu/students/testing.html.

4. **Get Advised and Register**
   If you’re a new student or transferring to Centralia College, you’ll need to attend the Advising & Registration Fair, where you’ll learn everything you need about Centralia College.

5. **Pay Tuition**
   A Tuition Payment Plan is available to help you spread your payments over time. For tuition and fee information, visit www.centralia.edu/admissions/tuition.html or contact the Cashier’s Office at 360-736-9391, ext. 219.

6. **Buy Books and Supplies**
   You can get books and supplies online at www.centraliabookstore.com or in person at the Centralia College Bookstore in the Student Center.
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 class placement test (or submit to Enrollment Services official documentation demonstrating qualifying grades, placement, or test scores no more than three-years-old.)
4. Contact Advising Center to arrange Orientation & Registration.

For more information contact the Advising Center at 360-736-9391, Ext. 265

How to Qualify to Attend Advising and Registration Fair
In order to qualify to attend an Advising & Registration Fair, you must complete all of the following criteria no later than 5 p.m. three business days prior to the fair:
1. Apply for admission.
2. Take your class placement test (or submit to Enrollment Services official documentation demonstrating qualifying grades, placement, or test scores no more than three-years-old.)
3. Contact Enrollment Services in person or by phone to request an appointment.

Students who show up at the fair without an appointment will not be allowed to register.

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

Returning Students
After you complete and submit your Returning Student 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. After meeting with your advisor, you must come to Enrollment Services to register for classes during your registration time. If you forget or need a different advisor, contact the Counseling/Career Center at 360-736-9391, ext. 265, or advising@centralia.edu. If you do not meet with your advisor, you must come to Enrollment Services to register for classes during open registration. Be aware, you will not receive priority registration for future quarters.

Veteran Students
Please contact Enrollment Services at 360-736-9391, ext. 684. You may qualify for early registration.

Drop-in 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.

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. An auditor does not take examinations 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 Enrollment Services 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 complete and submit a Change of Schedule form to the Enrollment Services Office.

IMPORTANT:
• Adding and dropping classes are serious steps. Consult with your advisor before doing so. 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 complete and submit a Change of Schedule form to the Enrollment Services 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 other 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 communicate with your instructor beforehand to develop a plan to make-up any missed work.

If you do not show up or stop attending, do not assume that you will be dropped or withdrawn automatically. You must withdraw officially. To do so, you must complete and submit a Schedule Change Form to the Enrollment Services 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 WILL HELP ME?
The following services are available to you:

1. For general college information, call 360-736-9391 or 360-753-3433 toll free from Olympia or 360-496-5022 in Morton.
2. Advising – Faculty advisors are available to assist you in planning your degree or certificate program.
3. BAS – Contact the Instruction Office, ext. 245.
4. Bookstore Hours – 7:30 a.m. - 4 p.m., Monday through Friday. For details on bookstore hours, please call ext. 310 or visit www.centraliabookstore.com.
5. Career Information – Contact the Counseling Center, ext. 265.
6. Cashier – Contact the cashier, ext. 219.
7. Child Care – Contact the Child Development Center, ext. 462.
8. Counseling – The Counseling Center is open from 8 a.m. to 4 p.m. Monday through Friday. For advising, counseling, and career information, call ext. 265.
10. Center for Disability Services – Disability Services and equipment are available to make reasonable accommodation to any student with a documentable disabling condition. If you need accommodations to help you in a class or you have questions or concerns about degree requirements, call ext. 320 (TTY/TDD 807-6227) for information and appointments. Available evenings by appointment only.
11. Instruction Office – Spring hours for the Instruction Office are 8 a.m. to 5 p.m., Monday through Friday.
12. Job Placement – For on-campus or off-campus jobs, contact the Cooperative Education and Student Employment Office, ext. 208.
13. Library – The Library hours are 8 a.m. - 4 p.m., Monday – Thursday, closed on Friday. Closed during quarter break.
14. Phoenix Center and Testing Center – Provides students with a wide variety of educational programs and services. Courses in adult basic education; English as a Second Language; Intensive English Program; GED test preparation; High School Completion; pre-college level English, reading and mathematics; tutoring and learning support; college placement testing; and GED testing. For current Testing Center hours check www.centralia.edu/students/testing.html.
15. Senior Citizen Waivers – If you are 60 years of age or older and a Washington state resident, you may qualify for tuition and fee reductions.
16. Tutors are available in the Phoenix Center, ext. 216, and through Student Support Services, ext. 360.
17. Veterans Benefits – Contact Enrollment Services for information, ext. 221.
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, go to www.centralia.edu/academics/runningstart or contact the Counseling Center at 360-736-9391, ext. 265.

STUDENT LIFE AND INVOLVEMENT CENTER.
complete information on the plan, contact the
taking six or more credit hours per quarter. For
The plan is available to all registered students
Student injury and sickness insurance is available.
STUDENT INSURANCE AVAILABLE

NOTICE TO STUDENTS
Although we make every effort to ensure accuracy in this schedule of classes, 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 without notice. Laboratory fees and special fees vary for all courses and are noted on 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 program for the 2012-13 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 tax funds and other major moneys.

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

FEES
In addition to tuition, a $10 fee voted by the Associated Students of Centralia College will be charged each quarter to support funding of student programs and activities, and a fee of 5 percent per credit up to 18 credits will be charged to support the construction of our new Student Center. A fee of $4 per credit, up to 18 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 AVAILABLE
Student plan 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.

VETERAN BENEFITS AND SERVICES
Centralia College is committed to assisting eligible students in applying for veterans benefits and work closely with veterans services personnel. All veterans, reservists, or dependents of veterans seeking veterans assistance to attend college should contact Enrollment Services 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 TTY/TDD 360-807-6227.

REFUND POLICY
If you register or begin a class and find that you must withdraw, you must complete and process a Change of Schedule form available in the Enrollment Services Office. Refunds cannot be arranged by telephone. Refunds are given according to the following schedule:

100% if you withdraw through April 3
50% if you withdraw through April 6-10
40% if you withdraw through April 20-26
No refund after April 26

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 payment 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.

Centralia College distributes refunds for payment made by credit card charge for each NSF check received from the NSF 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.

NSF CHECK POLICY
Centralia College charges a $25 NSF check charge 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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“I love moving to music,” says Marie Kiser, who teaches ballroom dancing classes through Centralia College’s Continuing and Community Education Program. Teaching in the Flying Tiger Studio in downtown Centralia, Kiser shares her joy for dancing with students of all ages.

Kiser’s passion for dance began many years ago in her family home near Boisfort, where, as a young child, she loved watching American Bandstand and dancing swing to her mom and dad’s vinyl records. While she always enjoyed dancing, it wasn’t until she took her first lesson at age 20 that her love for the art turned serious. At the time, Kiser was working as a terminal secretary for the commercial trucking industry in Seattle. She took a ballroom dance class at the Arthur Murray Studio and was immediately hooked, beginning a lifelong passion for ballroom dancing that would eventually lead her to teaching dance for more than 45 years.

After taking private lessons for about a year, she was offered a part-time teaching position at the Arthur Murray Studio. Self-motivated and determined, she sought help from other instructors, and, in the evenings after a full day of work, went home and studied dance manuals, diligently memorizing patterns to dances such as the East and West Coast Swing, Foxtrot, Waltz, Tango, Rhumba, Bolero, Mambo, Viennese Waltz, Quickstep and many others. After years of hard work and determination, she passed the tests for the bronze, silver and gold skill levels in dancing and teaching. She also studied International Style/Ballroom and attained associate status with the Imperial Society of Teachers of Dancing.

As her proficiency increased, Kiser taught more advanced students. Many of these entered regional ballroom dance competitions, where Kiser would dance as the partner for her male students. One of her students went on to win first place in the Astaire’s National Competition/Las Vegas in the men’s gold level and had the highest score of all the gold level dancers.

After returning to her family home in 2001, Kiser connected with the owner of Flying Tiger Studio in downtown Centralia. She stepped back onto the dance floor again and has been teaching local students ever since.

Dancing is a skill anyone can learn. Ballroom dancing provides great aerobic exercise, can be an excellent stress reliever, and definitely builds self-confidence.

“I overcame my shyness through dancing,” said Kiser, who believes that using expression in dancing can actually help people become more confident and comfortable in life.

For more information on dancing classes at Centralia College, see page 41 or visit www.centralia.edu.
New Face on Campus – Michael Christensen

It’s easy to see why Michael Christensen is the perfect student recruitment and outreach coordinator for Centralia College. With his friendly smile and natural enthusiasm, he reaches out to high school students, encouraging them to consider Centralia College. His excitement is contagious.

“I love informing students about opportunities that exist here. When I see someone who doesn’t realize college is a possibility, I help them turn that into an actuality,” he said.

Christensen walks students step by step through the recruitment process, from application through registration. Although Christensen has only been working at the college since October, already he has noticed the high quality of education at Centralia College and is eager to tell students about the spectacular faculty, unique programs, student life and amazing college experiences—all at a price lower than other state colleges.

Drawn to Centralia College by the wonderful opportunities and great potential, Christensen and his wife decided to settle here. Taking advantage of that wonderful opportunity, Christensen’s wife, Rachael, is now a student at Centralia College.

Originally from Rock Springs, Wyoming, Christensen served as a student ambassador at Western Wyoming Community College, where he earned his associate degree. After transferring to Evergreen State College, he graduated in 2013 with his bachelor’s degree with an emphasis in history. While attending Evergreen, Christensen served as an intern in the Washington State Legislature for Representatives Sam Hunt and Kathy Haigh. He later worked as a campaign field organizer for Congressman Denny Heck.

Prior to coming to Centralia College, Christensen worked for the Boy Scouts of America in Snohomish County. As their district executive, he raised funds, increased membership and trained volunteers. Now at home in his office in the Counseling Center, it’s clear Christensen is passionate about his new job. When he isn’t out recruiting students, he enjoys spending time outdoors and reading.

To contact Christensen or to schedule a campus tour, call 360-736-9391, ext. 799.
Through April 15, local residents can get free tax help from Centralia College students through the Volunteer Income Tax Assistance (VITA) program.

As a service to the community, accounting students are volunteering their time and skills to help area residents complete and electronically submit their 2014 income tax returns. This free service is open to all area residents who are not self-employed. (Those requiring an IRS Schedule C are not eligible for this service.)

The Volunteer Income Tax Assistance program is open weekdays from 9 a.m. to 3 p.m. through April 15 in the Washington Hall Tax Lab, Room 110. Interested people can schedule an appointment by calling the Tax Lab at 360-736-9391, ext. 390. Drop-ins are also welcome.

In addition to their W2 forms, residents will need to bring two forms of identification and any supporting documentation, including bank account information, if they wish to have their tax return directly deposited into their account.

For student volunteers who run the program, this opportunity means hands-on practice outside the classroom. Second-year accounting students help complete tax forms under the supervision of third- and fourth-year students, who provide quality control.
Students enrolled in the Diesel Technology programs at Centralia College are enjoying a newly remodeled building with better ventilation, wireless internet, a large screen and projector, and a new tool room.

Updated and modernized, the new shop accommodates the specialized classes needed for Centralia College’s new bachelor’s degree in Diesel Technology. For example, the Internal Combustion Fuels and Power Generation and Maintenance courses allow students to work with a variety of fuels and set up generators to perform load tests indoors. In the old shop, such courses would not have been possible.

Designed as a “smart” classroom, the new shop also comes equipped with wireless internet, a large screen, and a projector, allowing instructors to connect a computer to engines and project those images to the whole class.

One of the highlights of the remodel is the new tool room, complete with a service counter at the end of the new shop. Now servicing both the Diesel and Welding programs, the tool room provides secure storage for specialized tools, laptops, connectors and heavy tools.

Interestingly, the newly remodeled space has come full circle for the college. Originally built as a shop in the 80s, the space was later converted to classrooms in the 90s. Today the building once again houses a diesel shop—complete with the tools and technology to provide excellent hands-on training.

For more information on the Diesel Technology programs at Centralia College, visit www.centralia.edu.
Singer, songwriter, and *Glee* star Derik Nelson is bringing his high-energy show to Centralia College for a special performance May 2.

As the featured artist for the college’s 2015 President’s Scholarship Performance, Derik will wow the crowd with an energetic mix of pop/rock music, including his original songs and popular covers in the top 40 genre (Justin Timberlake, Bruno Mars, and Imagine Dragons). The concert will feature his full band, state of the art lights and sound, a 20-foot immersive video wall, and guest appearances from his own singing siblings, Riana and Dalten Nelson.

Derik will perform at 7 p.m. Saturday, May 2, at Centralia College’s Corbet Theater in Washington Hall. Tickets are $20 for general admission and $30 for box seats and can be purchased from Book n Brush in Chehalis or by calling the Ticket Office at 360-736-9391, ext. 777. Proceeds from the performance benefit the Centralia College President’s Scholarship Fund.

Famous for his weekly appearance as the guitarist on the FOX television show *Glee*, Derik’s original music has been featured on the hit TV series *Felicity* and the feature film *Commencement*. His singing voice has been heard on other network shows such as *Raising Hope*, *New Girl*, *How I Met Your Mother*, *Go On*, and *The Voice*.

Even before graduating from Capital High School in Olympia, Derik had already written, produced and recorded two original albums. Derik was awarded the Brian Wilson Music Scholarship for songwriting in 2008 and completed his sixth full-length album, *Songs About Winter*, in 2011. His song, “Take Chances,” composed especially for the University of Southern California commencement in 2011, gained national attention. His popular You Tube channel has also received millions of views.

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.

Spring 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.
### HOW TO READ THIS SCHEDULE

#### Course Title
- **Survey of Western Civilization (SS)**
- **Code# Course# Section Credits Time Days**
- **Code# Course# Section Credits Time Days**

#### Bldg./Room
- **Code# Course# Section Credits Time Days**
- **Code# Course# Section Credits Time Days**

#### Instructor
- **Code# Course# Section Credits Time Days**
- **Code# Course# Section Credits Time Days**

#### 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
- **ONL** No Room Assigned (as of printing)
- **SCC** Sharon Care Center
- **TEC** Technology Center
- **TEE** TEEN House (formerly LAX)
- **THO** Thoerbecke’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 = eCorrespondence**
- **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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- **Joanne Schwartz** Vice-Chair
- **Jim Lowery** Member
- **Doris Wood-Brumsickle** Member
- **Stuart Halsan** Member
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- **John Martens** Vice President, Instruction
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- **Robert Cox** Vice President, Student Services
- **Julie Ledford** Vice President, Human Resources & Legal Affairs
Centralia College East (CCEast) represents Centralia College’s dedication to meeting the educational needs of the communities of eastern Lewis County.

REGISTER NOW FOR CENTRALIA COLLEGE EAST CLASSES!

Most classes begin the week of Mar. 30.

2015 SPRING 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)
English Composition II (C) ..................................................(ENGL 102)
Intro to Literature (H) .........................................................(ENGL 111)
Art Appreciation (H) .........................................................(ART 100)
Physical Fitness (HF) .........................................................(PE 110, PE 210)
US History III (SS) .........................................................(HIST 148)
Lifespan Psychology (SS) ..............................................(PSYC 200)
Health & Wellness (HF) ..................................................(HLTH 130)
Foreign Film Festival ......................................................(HUM 297)

Workforce Education
Nursing Assistant Certification ...............................................(HLSV 131)
Desktop Publishing .........................................................(BTEC 218)
Business English ............................................................(BTEC 110)
Drug & Alcohol Responses ..............................................(CDP 101)
Business Leadership ........................................................(BUS 161)
General Office Procedures ...............................................(BTEC 224)
Keyboarding .................................................................(BTEC 100)
Keyboard Skillbuilding I & II ...........................................(BTEC 102, 203)
Work Experience Seminar ...............................................(BTEC 191)
Word I & II .................................................................(BTEC 210, 219)
Excel .................................................................(BTEC 214)
PowerPoint Module .........................................................(BTEC 222)
Practical Accounting .....................................................(ACCT 120)
Basic Computer Accounting ...........................................(ACCT 130)
Principles of Accounting II ............................................(ACCT 202)
Cooperative Work Experience ........................................(COOP 190)

Transitional Education
Spelling .................................................................(ENGL 094)
Vocabulary Development ...............................................(ENGL 095, 096)
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)

Programs Available
- Associate in Arts Degree
- Business Technology Certificates
- Pre-nursing Coursework
- Running Start Advising & Classes
- GED Classes & Testing
- T.E.E.N. Program
- Continuing Education Classes
- Community Business Classes

Services Offered
- Educational Advising
- COMPASS & GED Testing
- Financial Aid Assistance
- Tutoring
- Proctoring Tests

Adult Basic Education
Adult Basic Education courses prepare students for GED and college preparation courses. Day and evening classes are available.

- 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
- Fitness for Health
- Health & Wellness
- Leadership Development
- Computers for the Fearful I, II
- Intro to Digital Photography
- Art Exploration
- Natural History of Mount St. Helens
- Learning & Playing (Child & Family Studies)
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 Spring 2015:

- ANTH& 206A (5) Cultural Anthropology (SS)(D) 9-9:50am Daily
- ANTH 225AP1 (5) Cultural & Ethnic Pluralism in Contem. (SS)(D) Online
- ANTH 235A (5) Myth, Ritual, and Magic (SS)(D) 1-3:20pm MW
- ART 202A4 (5) Art History: 18th-20th C (D) (H) 11-11:50am Daily
- ENGL 160AP1 (5) Women’s Literature (H)(D) Online
- HLTH 120A4 (3) Women’s Health Issues (HF)(D) 8-8:50am TTh
- MUSC 139A (5) Music of the World (H)(D) 9-9:50am Daily
- POLS& 204AP1 (5) Comparative Government (SS) (D) Online
- SOC 225AP1 (5) Cultural & Ethnic Pluralism in Contem. (SS)(D) Online

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.

ACCOUNTING
Practical Accounting II
- 7099 ACCT 120S4 (3) 5:30-7:50pm TTh MOR 110 Langrell
Accounting theory as applied to bookkeeping systems of small businesses and professional organizations. Focuses on accounting for payroll, merchandise sales and purchases, cash receipts and payments, preparation of the worksheet and annual financial statements. Prerequisite: ACCT 110.

Basic Computer Accounting
- 7101 ACCT 130S4 (3) 5:30-7:50pm MW MOR 112 Langrell
Accounting experience on a personal computer using QuickBooks Pro software. Reinforces procedures learned in ACCT 110 and 120 or ACCT& 201. Students use QuickBooks Pro software to record transactions, prepare financial statements, and payroll. Prerequisite: ACCT& 201 or ACCT 110 and 120. Lab fee $15.12.

Prin of Accounting II
- 7106 ACCT& 202S4 (5) 5:30-7:50pm TTh MOR 110 Langrell
- 8177 ACCT& 202AP1 (5) Online Bille
This course emphasizes accounting for partnerships and corporations. Topics include, but are not limited to, accounting for fixed and intangible asset, payroll, stock, bonds, the statement of cash flows, and financial statement analysis. Prerequisite: ACCT& 201.

Prin of Accounting III
- 7107 ACCT& 203A3 (5) 8-8:50am Daily WAH 113 Bruce
- 7108 ACCT& 203B3 (5) 12-1:25pm MWF WAH 115 Rabe
- 7109 ACCT& 203C5 (5) Flexible Rabe
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. Prerequisite: ACCT& 201 and 202.

Introduction to Audit
- 7102 ACCT 210A3 (5) 1-3:05pm TTh WAH 109 Carlton
- 7103 ACCT 210B5 (5) Flexible Carlton
An introduction to the audit environment as it applies to the professional spectrum of financial accounting and reporting. Prerequisite: ACCT& 203.
ACCOUNTING

Practical Accounting II
- 7099 ACCT 120S4 (3) 5:30-7:50pm TTh
  MOR 110 Langrell
Accounting theory as applied to bookkeeping systems of small businesses and professional organizations. Focuses on accounting for payroll, merchandise sales and purchases, cash receipts and payments, preparation of the worksheet and annual financial statements. Prerequisite: ACCT& 201.

Basic Computer Accounting
- 7101 ACCT 130S4 (3) 5:30-7:50pm MW
  MOR 112 Langrell
Accounting experience on a personal computer using QuickBooks Pro software. Reinforces procedures learned in ACCT 110 and 120 or ACCT& 201. Students use QuickBooks Pro software to record transactions, prepare financial statements, and payroll. Prerequisite: ACCT& 201 or ACCT 110 and 120. Lab fee $15.12.

Prin of Accounting II
- 8177 ACCT 202AP1 (5) Online
  Bille
This course emphasizes accounting for partnerships and corporations. Topics include, but are not limited to, accounting for fixed and intangible assets, payroll, stock, bonds, the statement of cash flows, and financial statement analysis. Prerequisite: ACCT& 201.

Prin of Accounting III
- 7107 ACCT& 203A3 (5) 8-8:50am Daily WAH 113 Bruce
- 7108 ACCT& 203B3 (5) 12-1:25pm MWF WAH 115 Rabe
- 7109 ACCT& 203C3 (5) Flexible Rabe
This course emphasizes accounting for departments and branch offices, cost accounting in a manufacturing environment, cost-volume-profit analysis, budget preparation and analysis, standard costing, segment reporting, differential costs and revenues, and capital budgeting decisions. Prerequisite: ACCT& 201 and 202.

Introduction to Audit
- 7102 ACCT 210A3 (5) 1-3:05pm TTh WAH 109 Carlton
- 7103 ACCT 210B5 (5) Flexible Carlton
An introduction to the audit environment as it applies to the professional spectrum of financial accounting and reporting. Prerequisite: ACCT& 203.

Acctg Information System
- 8176 ACCT 220A3 (5) 11-11:50am MWF WAH 207 Rabe
- 8252 ACCT 220B5 (5) Flexible Rabe
The application of accounting information systems used in the computing environment. It is intended for the public bookkeeper managing transactional disposition of all accounts, developing financial statements, and maintaining external schedules. Prerequisite: ACCT& 201 or instructor permission. Lab fee $12.

Bookkeeper Cert. Course
- 7104 ACCT 285A3 (5) 1:30-3pm MWF
  WAH 115 Rabe
- 7105 ACCT 285B5 (5) Flexible Rabe
This is the capstone course for accounting students participating in the Associate of Technical Arts (ATA) program and culminating in the student candidacy of either the Certified Bookkeeper (CB), Registered Tax Return Preparer (RTRP), or both. Prerequisite: ACCT& 203, ACCT 240.

ADULT BASIC EDUCATION

Adult Basic Education Orientation
- ABE/ESL students need to attend an orientation session.
  Orientation appointments can be made at the front desk of the Phoenix Center in the Kirk Library Building, or by calling 360-736-9391 ext. 216.
  ABE orientation and registration appointments can also be made at Centralia College East in Morton 360-736-9391, ext. 380 or 360-496-5022.

English as a Second Language Lab
- Students will develop listening, speaking, reading, and writing skills in an integrated manner that fosters cognitive English language acquisition and participation in native English communication in English-speaking environments. The ESL program helps students become more active participants in the community and workplace. It offers them the opportunity to transition into the ABE program, where they can pursue an academic track to either earn a GED or continue to improve their academic English in order to follow a career pathway.

Adult High School Diploma (HS21+)
- To earn a high school diploma (HS21+) at Centralia College, students must be 21 at time of completion. Students must bring a high school transcript and a photo identification to one of the daily orientations (M-F) at noon in the Kirk Library Building. All students enroll in reading, writing, and math courses in addition to a study skills lab where students work on completing courses that are not reflected on their transcripts. The quarterly tuition is $25 (waivers are available). Classes are flexible with schedules for morning, afternoon, or evening courses.

GED 2014
- The new GED 2014 program is open to students age 16 and above. Any student under the age of 19 must also provide a high school release to enroll. Program orientation is held daily (M-F) at noon in the Kirk Library Building. All students enroll in reading, writing, and math courses in addition to a study skills lab where students work on social studies and science courses modeled on the new GED tests. Classes are $25 per quarter (waivers are available). Classes are flexible with schedules for morning, afternoon, or evening courses.

Work Skills Development
- Students with a high school diploma or GED can enroll in our work skills development courses. These courses embed reading, writing, math, and computer skills in a multiple of employment contexts to prepare students to continue on to vocational/technical certificates or into the local job market. Program orientation is held daily (M-F) at noon in the Kirk Library Building. Classes are held in the mornings. Classes are $25 per quarter (waivers are available).

Basic Skills Improvement
- Students with a high school diploma or GED coming back to college later in life, or entering college from the workforce, can brush-up on their academic skills in reading, writing, and math. Courses are offered in the evening, M-TH, from 5-8:45 p.m. Classes are $25 per quarter (waivers are available), and students can co-enroll in our courses and college courses. Call ext. 216 or come to the Testing Center in the Kirk Library Building for referral to one of our program advisors for enrollment.
### Reading for Civics

Reading for Civics is a Citizenship preparation class. Students will learn to complete the N-400 (Citizenship) application, prepare for the naturalization interview with USCIS, learn interviewing strategies, increase students’ confidence with the interview process, and practice reading, writing, speaking, listening and pronunciation in English. Students may register any time during the quarter. Requisite: co-enrollment in ESL classes.

### Bilingual (English-Spanish) GED preparation

Taking the GED test in Spanish allows Spanish-speaking adults with limited English skills to advance more quickly toward their educational and professional goals. Obtaining a GED allows Spanish-speaking students to enroll in higher education courses, attend English language classes and/or obtain a more secure job. Students may register any time during the quarter. Requisite: co-enrollment in ESL classes.

### AMERICAN SIGN LANGUAGE

**American Sign Language I**

- **Course Code**: ASL& 123A4 (S) 12-2:20pm TTh WSC 101 Rogers
- An in-depth study of American Sign Language applications including conversation regulators, classifiers and locatives, directional verbs and cultural information. Prerequisite: ASL& 122.

### ANTHROPOLOGY

**Cultural Anthropology (SS)(D)**

- **Course Code**: ANTH 206A 9-9:50am 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 Contem. (SS)(D)**

- **Course Code**: ANTH 225A 1-3:20pm TTh WAH 116 Frey
- 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.

**Myth, Ritual, and Magic (SS)(D)**

- **Course Code**: ANTH 235A 1-3:20pm TTh WAH 116 Frey
- Experience the supernatural and religious beliefs of peoples and cultures. Examine different modes of constructing “reality” and “belief” as well as their methods of ritual application in societies worldwide.

### ART

**Art Appreciation (H)**

- **Course Code**: ART& 100A4 (S) 10-10:50am Daily WAH 109/116 Solomon
- Introduce to the visual arts. Painting, drawing, sculpture and architecture will be examined as art forms and for their role in human history. Students will be introduced to a variety of art media and techniques.

**Sculpture**

- **Course Code**: ART 111A3 (4) 1-2:50pm MW WAH 108/116 Frey
- An introduction to the fundamentals of three-dimensional design. Assignments include a variety of subject matter and materials. All are welcome.

**Computer Graphics**

- **Course Code**: ART 130A3 (5) 12-12:50pm MWF 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 $30.

**Introduction to Fibers (H)**

- **Course Code**: ART 160A4 (S) 1-3:50pm TTh WAH 116 Frey
- An introduction to fiber art history and techniques with an emphasis on traditional, hand-manipulated processes such as basketry, felting, dyeing and simple loom work. Lab fee $48.29.

**Digital Photography (H)**

- **Course Code**: ART 174A3 (5) 12-1:50pm TTh WAH 214 Solomon
- An introduction to digital photography as an expressive art form. Students will explore the creative and technical requirements of digital imaging, as well as examine the contributions of contemporary fine artists working in this medium. Prerequisite: basic computer experience required. Lab fee $50.

**Art History: 18th-20th C (D) (H)**

- **Course Code**: ART 202A4 (5) 11-11:50am Daily WAH 109 Frey
- A survey of the history of art in 15th-20th century Asia and 18th-20th century Europe. Historical developments in architecture, sculpture, painting and other art forms will be examined.

### ASTRONOMY

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

- **Course Code**: ASTR 127AP1 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 HS algebra or MATH 098.
BACHELOR’S OF APPLIED SCIENCE - APPLIED MANAGEMENT

Acctg Prin for Mgrs
- 7133 BAS 310N3 (5)  5-6:50pm  T  WSC 109  Staff
Foundation course in accounting principles from a management perspective. Analyze the interrelationships of financial statements and cost behavior to measure and control the performance of a business entity, and make decisions based on this information.

Ethics
- 8138 BAS 315A3 (5)  8-9:50am  M  TEC 159  King
Foundation course in ethics as applied to businesses and organizations related to management issues. Students will explore theoretical concepts in business ethics and apply them to real-world situations based on challenges managers face.

Legal Issues
- 7134 BAS 325N3 (5)  6-7:50pm  Th  WSC 109  Rayan
A core course concerning the impact of laws, regulations and legal responsibilities on management behavior with a focus on the application of this learning to real life situations for organizations both large and small.

Practicum in Management
- 7135 BAS 370N3 (5)  7-8:50pm  T  WSC 109  Lafontaine
This course will explore and build student comprehension of the application of management functions covered in BAS-AM courses via direct interaction between students and local managers and entrepreneurs from private, public and non-profit sectors.

Audit & Fraud
- 8137 BAS 402N3 (5)  5-6:50pm  T  WSC 110  Lindgren
This course is designed to teach the audit environment of professional financial accounting and reporting as it applies to fraud and internal controls. Prerequisite: ACCT& 202 or by permission.

Operations Management
- 8135 BAS 435N3 (5)  5-6:50pm  T  WSC 206  Mattson
Introduction to the key ideas and techniques used to plan, analyze, measure and improve an organization’s production of goods and services. Topics explored include process/system modeling, product design/quality, inputs, processess, supply-chains, inventory, and people management. Pre-requisite: Enrollment in BAS-AM or by permission.

Environmental Issues
- 7136 BAS 440N3 (5)  7-8:50pm  T  WSC 206  Hueckel
An exploration of environmental issues and their effect on business, communities and consumers. Case studies are used to examine basic concepts of ecology and environmental science as they relate to permitting and other business decisions. Prerequisite: enrollment in BAS-AM or by permission.

Management Internship
- 8136 BAS 470N3 (5)  6-7:50pm  Th  WSC 206  Cummings
A capstone course applying BAS-AM program outcomes in an internship with specific outcomes as agreed to by the student, internship provider and instructor. Classes will focus on sharing progress, issues or barriers from the internships. Pre-requisite: Completion of BAS foundation courses and 30 additional BAS core credits with a 2.0 minimum GPA.

BACHELOR’S OF APPLIED SCIENCE - DIESEL TECHNOLOGY

Electrical III
- 8139 DET 310A4 (5)  8:30-9:50am  TWTh  TEC 159  Fay
10am-1:20pm  MTWTh  TEC 154  Fay
Course content will focus on the theory and application of advanced electrical circuits, schematic reading, and proper troubleshooting techniques. Prerequisite: enrollment in BAS-DT or by permission. Lab fee $75. Class meets 3/30-4/30.

Power Generation/Maintenance
- 8140 DET 360A4 (5)  8:30-9:50am  TWTh  TEC 159  Fay
10am-1:20pm  MTWTh  TEC 154  Fay
Students will operate, maintain, test, and troubleshoot generators and related energized and de-energized components. Emphasizes safe working practices when working around on-site power generation systems. Lab fee $75. Class meets 5/4-6/4.

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.
BIOLOGY

Human Biology (S)

7141 BIOL& 170A4 (5) 11-11:50am Daily WSC 107 Priday

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

8122 BIOL 172A (1) 2-3:50pm M WSC 314 Ibrahim

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 Organismal Phys (S)

7142 BIOL& 223A4 (5) 11-11:50am MTWTh WSC 111 Carlson L/Norton

Plant and animal comparative anatomy and physiology. Final course in a three-quarter series (BIOL& 221, 222, and 223). Prerequisite: BIOL& 221 or 222 or instructor permission. Lab fee $20.96.

Human A & P 2 S

7145 BIOL& 242N (5) 5-6:50pm MW WSC 215 Ibrahim
7-8:50pm M WSC 314 Ibrahim
8110 BIOL& 242NB (5) 5-6:50pm MW WSC 215 Ibrahim
7-8:50pm W WSC 304 Ibrahim

Investigate the interactions between structure (anatomy) function (physiology) essential for human health. Investigate organization and function of the sensory, endocrine, cardiovascular, immune, respiratory, digestive, urinary, and reproductive systems. Prerequisite: BIOL& 241 or instructor permission. Lab fee $18.46.

Adv Topics Human A & P (S)

7137 BIOL 243A4 (5) 12-12:50pm MTWTh WSC 111 Norton
4-5:50pm T WSC 314 Norton

Investigate the inheritance of human characteristics and the regulation of gene expression. Trace the development of major organ systems in utero and fetal development. Trace the physiological and anatomical transformations in older individuals. Prerequisite: BIOL& 242 or instructor permission. Lab fee $18.46.

Introduction to Marine Biology (S)

7139 BIOL 250A4 (5) 9-9:50am MTWTh WSC 206 Norton
2-3:50pm T WSC 314 Norton

Introduction to physical and chemical factors affecting marine organisms: the various marine habitats, the animals and plants which inhabit them, and human exploitation of marine resources. Field trips to local marine habitats. Lab fee $26.48.

Microbiology (S)

7148 BIOL& 260A4 (5) 9-9:50am TWTh WSC 121 Jewell
2-3:50pm T WSC 301 Jewell
8111 BIOL& 260B4 (5) 9-9:50am TWTh WSC 121 Jewell
4-5:50pm T WSC 301 Jewell

Understand the morphology, physiology, metabolism, genetics, and evolution of microbes. Explore the interactions of pathogenic microbes and human health. Review processes that inhibit microbial disease. Develop skills of culturing, identifying, and manipulating microbes. Prerequisite: one college chemistry course. Lab fee $31.52.

Research in Biology

8125 BIOL 270A (1-12) ARR ARR Norton
8126 BIOL 270B (1-12) 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.

BOTANY

Plant Identification & Classification (S)

7151 BOTA 113A4 (5) 9-9:50am MTWTh WSC 111 Carlson L
1-3:20pm Th WSC 307 Carlson L

The identification and classification of flowering plants of the Northwest with emphasis on plant families of western Washington. One full day field trip included. Lab fee $17.72.

Dendrology-Trees in Our Environment (S)

7153 BOTA 150A4 (5) 10-10:50am MTWTh WSC 111 Carlson L
1-3:20pm T WSC 307 Carlson L

Introduction to biology through trees, from cells and evolution through tree ecology and urban trees. Identification of trees will be featured, including both Pacific Northwest natives and common street trees. Lab fee $18.44.

BUSINESS ADMINISTRATION

Intro to Business

7204 BUS& 101A4 (5) 9-9:50am Daily WSC 211 Coumbs

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.

Entrepreneurship

7201 BUS 161R4 (2) 10am-2pm F

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.

Leadership Development (formerly BA 161)

8245 BUS 161R4 (2) 10am-2pm F

Leadership is a key component to success in the 21st century. This course provides an introduction to the evolution of leadership, leadership styles, and traits needed for effective leadership in today’s workplace.

Business Law

7205 BUS& 201A (5) 8-8:50am Daily WSC 110 Pirzadeh

Introduction to state and federal constitution, laws and procedures including international trade, crimes, torts, contracts, sales, property, bankruptcy, securities, consumer protection, employment, and debtor-creditor relationships. The relationship between ethics and law will be discussed.
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<th>CODE</th>
<th>CRSE</th>
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<th>TIME</th>
<th>DAYS</th>
<th>ROOM</th>
<th>INSTRUCTOR</th>
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<tbody>
<tr>
<td>18</td>
<td>8251</td>
<td>241A</td>
<td>(5)</td>
<td>1-3:05pm TTh</td>
<td>WAH 103</td>
<td>Crawford</td>
<td>Merchandising Mgmt</td>
<td>This course emphasizes the principles and concepts of merchandising management and studies store management, inventory control, purchasing, pricing, logistics, customer relationship management and advertising.</td>
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<tr>
<td>7203</td>
<td>BUS 275A</td>
<td>(5)</td>
<td>9-9:50am Daily</td>
<td>WAH 115</td>
<td>Crawford</td>
<td>Principles of Management</td>
<td>Management styles and effective management of personnel from the manager’s side of business. The course is built around the four traditional functions of management and exploring management problems and practices. Real-life case problems used. Pre-requisite: BUS&amp; 101.</td>
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<tr>
<td>7157</td>
<td>BTEC 100A</td>
<td>(2)</td>
<td>12-12:50pm Daily</td>
<td>WAH 207</td>
<td>Copeland</td>
<td>Keyboarding For Computing</td>
<td>Operation of the standard alphabetic keyboard and the 10-key pad. Upon completion of this class, students should be able to keyboard at 20wpm and operate by touch a 10-key pad at 80dpm. Lab fee $7.36.</td>
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<tr>
<td>7162</td>
<td>BTEC 101A</td>
<td>(3)</td>
<td>12-12:50pm Daily</td>
<td>WAH 207</td>
<td>Copeland</td>
<td>Keyboarding for Business</td>
<td>For beginning students. Learn to keyboard to 25wpm by touch. Develop speed, accuracy and apply basic word processing techniques to letters, reports and tables. Lab fee $14.77.</td>
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<tr>
<td>7165</td>
<td>BTEC 102A</td>
<td>(3)</td>
<td>12-12:50pm Daily</td>
<td>WAH 207</td>
<td>Copeland</td>
<td>Keyboard Skillbuilding I</td>
<td>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 35wpm with no more than one error per minute. Prerequisite: BTEC 101 and typing at 35wpm or instructor permission. Lab fee $11.04.</td>
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<tr>
<td>7166</td>
<td>BTEC 102R</td>
<td>(3)</td>
<td>12-2pm TTh</td>
<td>MOR 112</td>
<td>Cantin</td>
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<tr>
<td>7170</td>
<td>BTEC 120A</td>
<td>(5)</td>
<td>8-8:50am Daily</td>
<td>WAH 105</td>
<td>Crawford</td>
<td>Applied Business Math</td>
<td>Fundamental arithmetic skills applied to a wide range of business activities. Topics include: banking, discounts, payroll, simple interest, markups and markdowns and promissory notes. Prerequisite: MATH 096 or equivalent test score.</td>
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<tr>
<td>8241</td>
<td>BTEC 110R</td>
<td>(5)</td>
<td>3-4:30pm MWF</td>
<td>MOR 108</td>
<td>Meade</td>
<td>Business English</td>
<td>Editing skills including grammar, punctuation, proofreading, and spelling for office correspondence. A basis for machine transcription, business communications, and office procedures.</td>
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<td>7171</td>
<td>BTEC 190A</td>
<td>(1-12)</td>
<td>ARR</td>
<td>ARR</td>
<td>Copeland</td>
<td>Cooperative Work Experience</td>
<td>See description under Cooperative Work Experience heading.</td>
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<tr>
<td>7173</td>
<td>BTEC 191R</td>
<td>(1)</td>
<td>ARR</td>
<td>M</td>
<td>MOR 112</td>
<td>Work Experience Seminar</td>
<td>Topics include professional image, business etiquette, sexual harassment, resolving conflict, and diversity in the workplace. Must be taken prior to or concurrently with Co-op Work Experience.</td>
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<tr>
<td>7178</td>
<td>BTEC 210R</td>
<td>(5)</td>
<td>11-11:50am Daily</td>
<td>WAH 209</td>
<td>Carlson E</td>
<td>Word I</td>
<td>Class covers Word in depth: document preparation, formatting, graphics, WordArt, columns, sorts, charts, mail merge, and styles. Students will format business documents to business standards. Prerequisite: keyboard skill of 35wpm or instructor permission. Lab fee $18.46.</td>
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<tr>
<td>7179</td>
<td>BTEC 214R</td>
<td>(5)</td>
<td>12:30-2:30pm TTh</td>
<td>MOR 112</td>
<td>Cantin</td>
<td>Excel</td>
<td>A hands-on approach for beginning through intermediate level applications of Excel spreadsheet using a variety of business applications. Prerequisite: word processing, windows, keyboard skills. Lab fee $3.55.</td>
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<tr>
<td>8179</td>
<td>BTEC 218A</td>
<td>(4)</td>
<td>8-8:50am MTWTh</td>
<td>WAH 209</td>
<td>Carlson E</td>
<td>Desktop Publishing</td>
<td>Course covers desktop publishing terminology and concepts to plan, create, and design professional-looking businesses and personal documents. Prerequisite: Word 1, keyboard speed of 35 wpm. Lab fee $6.94.</td>
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Word II
7184 BTEC 219A3 (4) 9-9:50am MTWTh WAH 209 Carlson E
7185 BTEC 219R (4) 11am-1:30pm TTh MOR 112 Cantin
Course covers footnotes, endnotes, citations, bibliographies, table of contents, indexes, linked textboxes, multilevel lists, building blocks, fill-in forms, macros, outlines, Quick Parts, templates, formal reports. Prerequisite: Word I, keyboard speed of 35wpm. Lab fee $17.49.

Ten-Key Calculator
7187 BTEC 220A (1) 10-10:50am MW WAH 111 Vandegrift
Touch control of 10-key pad with emphasis on speed and accuracy. Addition, subtraction, multiplication, and division techniques used in solving business problems. Basic or Business Math recommended first. Lab fee $7.15.

Business Communications
7188 BTEC 221A (5) 10-10:50am Daily WAH 207 Copeland
Applying principles of effective communication in written and oral business communication: letters, memos, reports, and presentations. Upon completion students should be able to produce effective positive, negative, and routine letters, memos, and reports and graphs. Prerequisite: BTEC 110 or ENGL& 101 or COMM 101, or instructor permission.

Microsoft Office-PowerPoint Module
7190 BTEC 222A (1) 12-12:50pm MW WAH 209 Vandegrift
An introduction to Microsoft PowerPoint. Upon completion of this course students should have beginning knowledge of a presentation program. Prerequisite: keyboard speed of 35wpm, Windows Workstations OS or instructor permission. Lab fee $3.36.

General Office Procedures
7193 BTEC 224A (5) 1-2:20pm MWF WAH 209 Vandegrift
Topics include: professional image and dress, employer expectations, human relations, receptionist techniques, telephone procedures, processing mail, business ethics, job safety, office supplies and equipment, travel and meeting arrangements, reprographics, financial activities, PC cleaning/care, internet and email. Prerequisite: grade of 2.0 in BTEC 110 or instructor permission.

Medical Office Procedures
7197 BTEC 261A (5) 1-2:05pm MTWTh WAH 207 Copeland
Topics include professional image, medical ethics and law, safety, patient records, appointments, billing and collections, mail processing, meetings and travel arrangements, office finance, patient education, telephone procedures, cultural differences, and health insurance. Prerequisite: 2.0 or above in BTEC 101, 110, 260.

Medical Transcription
7198 BTEC 263A3 (4) 12-12:50pm Daily WAH 207 Copeland
A review of medical terminology and the preparation of medical transcripts. Prerequisite: 2.0 or above in BTEC 102, 110, and 260 and typing speed of 40wpm. Lab fee $7.36.

Medical Law and Ethics
7199 BTEC 266A (3) 12-12:50pm MTW WAH 146 Murray
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 health worker and clarify confidentiality requirements regarding patient records and history.

Chemical Dependency
Intro Chemical Dependency
8181 CDP 100AT (5) 1-3:20pm TTh WSC 211 Staff
8234 CDP 100RT (5) 1-3:20pm TTh MOR 108 Neal
Historical and current definitions of chemical dependency and abuse and effects of abuse on behavior, health, youth, family, special populations and society; focusing on the nature of addictions, causality, progression, assessment, scope, intervention, treatment and prevention.

CDP Counseling Theory
8256 CDP 110AT (5) 1-3:20pm MW WSC 211 Neal
8257 CDP 110RT (5) 1-3:20pm MW MOR 110 Neal
Overview of communication skills, theories, and techniques used in developing a common understanding of addictive behavior. Comprehensive review of behaviors and an introduction to counseling methods to facilitate change in chemically dependent clients. Prerequisites: PSYC& 220.

Chemistry
Introduction to Chemistry (S)
7249 CHEM& 121A4 (5) 8-8:50am MTWTh WSC 121 Nagelkerke
8112 CHEM& 121B4 (5) 8-8:50am MTWTh WSC 121 Nagelkerke
8113 CHEM& 121C4 (5) 8-8:50am MTWTh WSC 121 Nagelkerke
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.

Introduction to Organic/Biochemistry (S)
7253 CHEM& 131A4 (5) 11-11:50am MTWTh WSC 121 Goodwin
1-3:50pm W WSC 302 Goodwin
A survey of organic chemistry and biochemistry. Prerequisite: CHEM& 121. Lab fee $22.04.

General Chemistry w/lab II (S)
7255 CHEM& 162A4 (6) 10-10:50am MTWTh WSC 110 Goodwin
1-4:50pm T WSC 302 Goodwin
The periodic table, chemical bonding, introduction to organic chemistry, intermolecular forces and liquids and solids, physical properties of solutions and kinetics. Prerequisite: CHEM& 161, MATH 099 or equivalent. Lab fee $27.69.

General Chemistry w/lab III (S)
7257 CHEM& 163A4 (6) 10-10:50am MTWTh WSC 121 Nagelkerke
8114 CHEM& 163B4 (6) 10-10:50am MTWTh WSC 121 Nagelkerke
Chemical equilibrium, acids and bases, solubility equilibria, thermodynamics, redox reactions, coordination chemistry, nuclear chemistry and polymers. Prerequisite: CHEM& 162. Lab fee $27.69.

General Chemistry w/lab IV (S)
7258 CHEM& 164A4 (6) 10-10:50am MTWTh WSC 121 Goodwin
1-4:50pm T WSC 302 Goodwin
Organic structures, properties, and reactions of hydrocarbons, halogen derivatives, alcohols, aldehydes, ketones, and organic acids. Prerequisite: CHEM& 163. Lab fee $27.69.

Chemical Dependency
CDP Counseling Theory
8256 CDP 110AT (5) 1-3:20pm MW WSC 211 Neal
8257 CDP 110RT (5) 1-3:20pm MW MOR 110 Neal
Overview of communication skills, theories, and techniques used in developing a common understanding of addictive behavior. Comprehensive review of behaviors and an introduction to counseling methods to facilitate change in chemically dependent clients. Prerequisites: PSYC& 220.

Chemistry
Introduction to Chemistry (S)
7249 CHEM& 121A4 (5) 8-8:50am MTWTh WSC 121 Nagelkerke
8112 CHEM& 121B4 (5) 8-8:50am MTWTh WSC 121 Nagelkerke
8113 CHEM& 121C4 (5) 8-8:50am MTWTh WSC 121 Nagelkerke
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.

Introduction to Organic/Biochemistry (S)
7253 CHEM& 131A4 (5) 11-11:50am MTWTh WSC 121 Goodwin
1-3:50pm W WSC 302 Goodwin
A survey of organic chemistry and biochemistry. Prerequisite: CHEM& 121. Lab fee $22.04.

General Chemistry w/lab II (S)
7255 CHEM& 162A4 (6) 10-10:50am MTWTh WSC 110 Goodwin
1-4:50pm T WSC 302 Goodwin
The periodic table, chemical bonding, introduction to organic chemistry, intermolecular forces and liquids and solids, physical properties of solutions and kinetics. Prerequisite: CHEM& 161, MATH 099 or equivalent. Lab fee $27.69.

General Chemistry w/lab III (S)
7257 CHEM& 163A4 (6) 10-10:50am MTWTh WSC 121 Nagelkerke
8114 CHEM& 163B4 (6) 10-10:50am MTWTh WSC 121 Nagelkerke
Chemical equilibrium, acids and bases, solubility equilibria, thermodynamics, redox reactions, coordination chemistry, nuclear chemistry and polymers. Prerequisite: CHEM& 162. Lab fee $27.69.
Organic Chemistry w/lab III
7260 CHEM&263A4 (6) 12-12:50pm MTWTh WSC 121 Goodwin
1-4:50pm Th WSC 302 Goodwin
Complex organic reactions: acids, amines; carbanions, heterocycles; polyfunctional compounds. Prerequisite: CHEM& 262 or equivalent. Lab fee $27.69.

Research in Chemistry
8127 CHEM 270A (1-12) ARR ARR ARR Nagelkerke
8128 CHEM 270B (1-12) 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
8171 CFS 110ELL (1-2) ARR ARR ARR Burkhart
8172 CFS 110ON (1-2) ARR ARR Burkhart
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. Lab fee $11.

Learning with Infants and Toddlers
7218 CFS 122B (2) ARR ARR CEN 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.

Fatherhood
8172 CFS 131BP1 (1-2) Online Miller
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion. Second quarter of a three-year sequence.

Love and Logic
8174 CFS 132LLR (4) ARR ARR ARR Mahoney
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion. Second quarter of a three-year sequence.

Strengthening Families
8175 CFS 132FC (4) ARR ARR Staff
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion. Second quarter of a three-year sequence.

Positive Parenting III, VI, IX
7219 CFS 132AP1 (1-2) Online Miller
7232 CFS 142AP1 (1-2) Online Miller
7241 CFS 152AP1 (1-2) Online Miller
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

Positive Parenting Children in ECEAP
7220 CFS 132BEC (1) ARR ARR Arr Martin
7223 CFS 142BEC (1) ARR ARR Arr Martin
7224 CFS 152BEC (1) ARR ARR Arr Martin
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

Positive Parenting Children in Head Start
7225 CFS 132H (1-2) ARR Daily CEN Morehouse
7237 CFS 142H (1-2) Daily CEN Morehouse
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

Positive Parenting as Teen Parent III, VI, IX
7231 CFS 132TEE (1-2) ARR TEE 103 Kirkpatrick
7240 CFS 142TEE (1-2) ARR MTWTh TEE 103 Kirkpatrick
7248 CFS 152TEE (1-2) ARR MTWTh TEE 103 Kirkpatrick
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

Positive Parenting in Cooperative Preschool, III, VI, IX
7223 CFS 132FDL (1-2) ARR CEN Chapman
7226 CFS 142FDL (1-2) ARR CEN Chapman
7245 CFS 152FDL (1-2) ARR CEN Chapman
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

Grandparents as Parents
7224 CFS 132GAP (1-4) 6-7:50pm M HFL Rearden
8173 CFS 1316PM (4) ARR Arr Ruby
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

Training in Positive Parenting Skills - TIPS
7226 CFS 132K (1-4) 9:30-11:20am TTh HFL Mohoric
7227 CFS 132M (1-4) 9:30-7:20pm TTh HFL Mohoric
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

Positive Parenting in Recovery
7229 CFS 132REC (1-4) ARR CDC Mohoric
Students are introduced to parenting skills to use with children through classroom participation, lecture, and discussion.

CHINESE

Chinese II (H)
7262 CHIN& 122A (5) 12-12:50pm 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& 121 or instructor permission.

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.
Chinese III (H)  
7263  CHIN& 123A (5) 11-11:50am 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& 122 or instructor permission.

Chinese VI (H)  
7264  CHIN& 223A (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& 222 or instructor permission.

CIVIL ENGINEERING  
Flagger Certification  
7207  CET 101A (1) 8am-5pm Sa WAH 115 Bunker  
7208  CET 101B (1) 8am-5pm Sa WAH 115 Bunker  
Course meets the Department of Labor and Industries State Certification and safety requirements for traffic control. Traffic control situations will be demonstrated. Three-year photo certification card issued upon successful completion. Lab fee $17.74.

Highway Engineering  
7213  CET 252A4 (5) ARR ARR ARR Staff  
Introduction to highway engineering principles. Study of highway components, geometrics, and traffic. Design of bases, flexible and rigid pavements with an overview of maintenance and rehabilitation techniques. Prerequisite: minimum grade of 2.0 in CET 122, 132, and 251.

Elements of Design  
7214  CET 270A4 (5) ARR ARR ARR Staff  
Study of civil engineering design and construction practices involved in land development. Students will use current software and tools to complete technical drawings and designs complying with local design standards. Prerequisite: minimum 2.0 grades in CET 114, 200, 210, 261, and 262. Lab fee $38.04.

COMPUTER AIDED DRAFTING  
Computer-Aided Drafting III  
8255  CAD 114A4 (5) 9-11:50am MW WAH 205 Alves  
Develop sound computer-aided drafting. Emphasis is placed on importing survey points, defining parcels, creating 3D terrain models, calculating cut and fill volumes, and creating contours with labels. Prerequisite: minimum 2.0 grade in CAD 113 or instructor permission. Lab fee $12.50.

COMMUNICATIONS  
Dragon NaturallySpeaking  
7277  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.
JAVA 3  
8189  CST  230A  (5)  12-12:50pm  MWTTh  WAH 205  Carlson C  
12-1:50pm  T  WAH 205  Carlson  
A second course in how to build and program dynamic web applications. Topics include: creating custom tags, integrating email into web applications, specialized servlets, Hibernate, Java Server Faces, Struts and deployment strategies. Lab fee $30.44.

Developing for Mobile Devices  
8190  CST  240A  (4)  10-10:50am  Daily  WAH 211  Daniels  
This course provides an introduction to the techniques needed to design web sites and apps that work well on mobile devices. Focus will be on developing software that takes advantage of mobile device special features while remaining as platform independent as possible.

COOPERATIVE WORK EXPERIENCE

Cooperative Work Experience  
☐ 7278  COOP  190RE  (1-12) ARR  ARR  ARR  Bloomstrom  
Cooperative Work Experience allows students to apply classroom learning to on-the-job settings. Credit is earned for new and continued learning taking place in the work environment. Reaching set 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 is required of Co-op students. You may take the Work Experience Seminar before or in the same quarter as the Co-op course.

CRIMINAL JUSTICE

Community Policing  
☐ 7265  CJ  109A3  (5)  10-10:50am  MTWTh  
WAH 105  Gilbertson  
Focus on resolving community issues and concerns via Community Oriented Policing and Problem Solving (COPPS) skills and strategies. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $15.31.

Criminal Law  
☐ 7272  CJ&  110A3  (5)  12-12:50pm  MTWTh  105  Gilbertson  
A broad survey of the common criminal laws and statutes of Washington and the other 49 United States. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $14.37.

Criminal Justice Ethics  
☐ 7267  CJ  111A3  (5)  11-11:50am  MTWTh  
WAH 105  Gilbertson  
☐ 8208  CJ  111B1P  (5)  Online  Belden  
Presents an in-depth examination and analysis of the practical, theoretical, ethical and moral considerations found in the criminal justice system. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $15.31.

Criminology  
☐ 8209  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.

Community Corrections  
☐ 7268  CJ  116A3  (5)  1-4:10pm  W  WAH 105  Gilbertson  
Community corrections, alternative sentencing, probation and diversion concepts studied. Explores technology innovations pertaining to community supervision. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $15.31.

Crime Scene Photography  
☐ 7269  CJ  225N4  (5)  5-9:50pm  Th  WSC 108  McLeod  
Students learn techniques to collect and preserve common evidentiary items located at crime scenes for future laboratory analysis and judicial proceedings while ensuring proper chain of custody. Aspects of arson investigation are also studied. Lab fee $14.38.

Crime Scene Technology  
☐ 7270  CJ  228A3  (5)  1-3:50pm  T  WAH 115  Belden  
Practical application of basic crime scene photography methods and techniques for criminal investigations studied. Skills designed to capture the details of automobile accidents, misdemeanor, and felony crime scenes are discussed and practiced. Lab fee $14.88.

Intro Forensic Science  
☐ 7273  CJ&  240AP1  (5)  Online  Belden  
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.

DIESEL EQUIPMENT TECHNOLOGY

Forklift Certification  
7285  DET  102A  (1)  8am-5pm  Sa  DSL 104  Fay  
A comprehensive classroom training along with practical, hands-on instruction on forklift operation and safety. Course covers state and federal regulations and proper operator training. Students are awarded a certification card upon successful completion. Prerequisite DET 100. Lab fee $40.

Internal Combustion Engine I  
7286  DET  120A  (7)  9am-3pm  MW  DSL 104/106  Fay  
The study of operating principles of the internal combustion engine. Corequisite: DET 121. Lab fee $49.47.

Shop Skills for Welders  
7288  DET  166A  (3)  10-11:50am  TTh  DSL 104  Driscoll  
Develop practical work skills and work habits in the student. Includes safety procedures and practices, proper use and maintenance of common shop equipment and common processes and materials of metal products fabrication and manufacturing. Lab fee $49.27.

Cooperative Work Experience  
7289  DET  190A  (1-15) ARR  ARR  ARR  Lucas  
See description under Cooperative Work Experience heading.

Practical Applications  
7290  DET  230A  (7)  8-8:50am  Daily  DSL 104  Conrad  
Review of common technical repair practices. Introduction to wage/salary systems, productivity, customer relations, job ticket writing, phone etiquette, employer requirements and policies. Coverage of related state and federal requirements. Lab fee $ 104.01.
### Mobile HVAC Systems

**7292**  DET  235A  (7)  8-8:50am  MTWTh  DSL 104  Conrad
10am-2:30pm  MTWTh  DSL 106  Conrad

Basic principles of heating and air conditioning as used in mobile applications. Corequisite: DET 236. Lab fee $67.69.

### DRAMA

#### Applied Drama

**7294**  DRMA 100A  (3)  ARR  ARR  WAH 150  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.

#### Beginning Acting (H)

**7295**  DRMA 107A  (5)  10-11:50am  TTh  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 will be expected to attend two plays during the quarter at their own expense.

#### Intermediate Acting (H)

**7296**  DRMA 108A  (5)  10-11:50am  MW  WAH 150  Tyrrell
11-11:50am  F  WAH 150  Tyrrell

Continuation of acting fundamentals with an emphasis on improvisational techniques and exercises, and advance monologue and scene work. Students will be expected to attend two plays during the quarter at their own expense.

#### Dramatic Performance (H)

**7297**  DRMA 115A  (5)  ARR  ARR  WAH 150  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.

#### Broadway Today

**8161**  DRMA 118A  (5)  11-11:50am  Daily  WAH 125  Woodcock

A study of current Broadway musicals to include all components: plot, music, character development, choreography and set design, costumes and lighting. Emphasis on the development of the musical in American culture.

#### Advanced Acting (H)

**7298**  DRMA 201A  (5)  10-11:50am  MW  WAH 150  Tyrrell
11-11:50am  F  WAH 150  Tyrrell

Continued study of acting; character analysis, scene interpretation and classical styles. Students will be expected to attend two plays at their own expense and will be responsible for the presentation of a children’s theatre production.

### ECONOMICS

#### Microeconomics (SS)

**7307**  ECON& 201A  (5)  8-8:50am  Daily  WSC 208  Suozzo
7308  ECON& 201BP1  (5)  Online  Suozzo

Study of individual markets and how prices and quantities react within those markets to meet the unlimited wants of human beings.

**7309**  ECON& 202A  (5)  9-9:50am  Daily  WSC 210  Suozzo
7310  ECON& 202N3  (5)  5-6:50pm  W  WSC 204  Suozzo

Study how any system allocates limited resources to meet unlimited human wants. The major concerns of macro economic policy are: inflation, full employment, national income accounting, fiscal policy, the money supply and international trade.

### EDUCATION

#### Cooperative Work Experience

**7311**  EDUC 190A  (1-12)  ARR  ARR  KMP 113  White

See description under Cooperative Work Experience heading.

#### Intro to Education

**7315**  EDUC 201AP1  (3)  Online  Price

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

#### Classroom Observation

**7312**  EDUC 202A  (2)  10-10:50am  T  KMP 128  White
7313  EDUC 202B  (2)  ARR  ARR  KMP 113  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 $10.

### EDUCATION-EARLY CHILDHOOD

#### Child Care Basics

**7301**  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.

#### Health/Safety/Nutrition

**7302**  ECED& 107AW1  (5)  Online  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.

#### Guiding Behavior

**7314**  EDUC& 130AS1  (3)  Online  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

**7303**  ECED& 132AW1  (3)  Online  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.
From Kenya to Centralia

CC’s newest librarian brings a world of experience

Leah Hannaford, Centralia College’s new open education librarian, loves a challenge. Whether it’s serving the poor in Kenya, fighting terrorism, or helping local students and instructors track online resources, she’s up for whatever comes her way.

Prior to coming to Centralia College, Hannaford was deployed as an Army staff sergeant in the Horn of Africa. For several years, she used her natural skills in organization to assist Somali war refugees in Kenya. Working with the United States Agency for International Development during the peak of the war, Hannaford put her organizational talent and Arabic language skills to use designing information products, preparing radio broadcasts, and connecting displaced persons with vital information and humanitarian assistance.

With terrorist groups actively recruiting Somali youth, Hannaford’s work also focused on anti-recruitment efforts designed to steer young men away from terrorist groups and towards youth education and microeconomics. While in Kenya, she caught the eye of a special visitor. The result changed the course of her life.

That visitor was the librarian from the Library of Congress Office at the US Embassy in Nairobi. Noticing Hannaford’s natural gifts, she told her, “You were meant to be a librarian.” The idea intrigued Hannaford, who later spent countless hours studying American Library Association magazines. With the birth of a new dream, Hannaford completed her master’s degree through Florida State University in 2013.

After finishing her military career, Hannaford moved from North Carolina to Centralia to start her first librarian job in October. Sitting in her new office in the Kirk Library, Hannaford smiled and said, “I’m so excited to be a librarian in an actual library!”

What is an open education librarian?

As an open education librarian, Leah Hannaford’s job has surprisingly little to do with traditional paper books.

Rather, Hannaford works closely with Centralia College professors to find or create web-based, educational content that is freely available to the public. For example, when professors need material to support a particular lecture, Hannaford helps them search for free online content they can use in the classroom.

She also assists professors who are interested in making their own research, textbooks or other materials accessible to students via the web. Specifically, Hannaford directs them through the licensing process, helping them adopt a license that allows free public use of online content while still acknowledging the authors.

“I think the biggest challenge is helping faculty members find quality materials, and if none exist, helping them to create their own,” she said.

Saving students money is one clear advantage of using open education resources. However, the value goes beyond obvious financial benefits. This innovative educational model also provides a platform for academic collaboration. Professors can share their final products and the data and methods used to create their final work.

A fairly new concept in America, open education is, according to Hannaford, “more than just open textbooks. It’s about the resources we use and create.”
SAINT MARTIN’S UNIVERSITY AND CENTRALIA COLLEGE
PARTNER FOR YOUR SUCCESS!

Saint Martin’s University in Lacey and Centralia College are working together to serve you.

**Accounting:** The accounting degree, at Centralia College, meets the Washington State Board of Accountancy education requirements to apply for the CPA examination. Those holding this degree take jobs in a variety of positions with CPA firms, government offices and businesses.

**Elementary education:** The elementary education program provides students with the education and training needed for advanced study and/or residency teaching certification, with a primary endorsement in elementary education (kindergarten-8) by the state of Washington.

**Criminal justice:** The criminal justice degree prepares students for positions in the criminal justice field and provides a strong background for further education in graduate or law school.

**Flexible and affordable!** Located on the Centralia College campus, these three programs offer evening and weekend class options. Courses are offered at reduced “extended learning” rates.

Saint Martin’s University is a Catholic Benedictine institution of higher education that empowers students to pursue a lifetime of learning and accomplishment in all arenas of human endeavor. Saint Martin’s students learn to make a positive difference in their lives and in the lives of others through the interaction of faith, reason and service. The University honors both the sacredness of the individual and the significance of community in the ongoing journey of becoming.

For more information, contact Carla Jacobs at 360-736-9391, ext. 414 or cjacobs@stmartin.edu.
Family Child Care  
7304 ECED 134AW1 (3) Online  Staff  
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  
7305 ECED 139AW1 (3) Online  Staff  
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.

Curriculum Development  
7306 ECED 160A4 (5) 1-3:20pm MW WSC 107 Price  
Investigate learning theories and create curriculum that enhances the development of language, fine/gross motor, social-emotional, cognitive and creative skills in young children.

Language and Literacy  
7299 ECED 181A4 (5) 1-3:50pm Th WSC 108 Bunker/Kirkpatrick  
+4 hrs/wk TBA  
Create teaching strategies for language acquisition and literacy skills at each developmental stage (birth-8) through the four interrelated areas of listening, speaking, writing, and reading. Prerequisite: current TB test on file with instructor.

ECE Practicum II  
7300 ECED 233A4 (5) 1-2:50pm T HFL Price  
+6 hrs/wk TBA  
Develop a professional understanding of teaching methods and practices with an opportunity to evaluate teaching skills and learning environment. Prerequisite: minimum 30 ECE credits and current TB test on file with instructor.

ELECTRONICS, ROBOTICS & AUTOMATION

AC Electronics  
8193 ERA 121A (5) 9-9:50am ThF KMP 128 Ziegler D  
10am-12:50pm ThF KMP 121 Ziegler D  
Analysis and troubleshooting of AC circuits. The effects of devices such as capacitors, inductors and transformers in filter combinations are studied, along with the effects of alternating current and magnetism. Prerequisite: MATH 115, ERA 115. Lab fee $29.61.

Solid State Devices  
8195 ERA 170A (4) 2-2:50pm MWF KMP 128 Peterson D  
2-2:50pm TH KMP 129 Peterson D  
Application of circuits using solid state electronic devices will be studied. Course content will include diodes, transistors, solid state relays, operational amplifiers and their respective applications in sensory and device control circuits. Prerequisite: ERA 115

Digital Electronics  
8194 ERA 212A (4) 9-9:50am MTW KMP 128 Peterson D  
10-11:50am T KMP 129 Peterson D  
Digital logic systems and devices, boolean and hexadecimal numbering systems, combinational logic sequences and application of logic systems. Lab section emphasizes safety and electro-static discharge avoidance. Prerequisite: MATH 115, ERA 115. Lab fee $29.61.

Communication Systems  
7322 ELT 235A (5) 8-8:50am MTW KMP 121 Taylor C  
9-10:50am MW KMP 121 Taylor C  
AM, FM and SSB Modulation; tuners; Class C amplifiers; radio frequency oscillators; Pulse and Digital Modulations; oscillators; Phase Locked Loops; RFID; antennas. Prerequisite: ELT 213. Lab fee $33.86.

Robotic III  
7370 ERA 270A4 (4) 11-11:50am Daily KMP 128 Peterson  
A third course in Robotics. Topics covered are: infrared range sensing; navigation principles of autonomous robots; behavior based control; and characteristics of workcell robotics. Prerequisite: ERA 230. Lab fee $22.95.

ENERGY TECHNOLOGY

Electric Utility Distribution System  
7601 PPO 103AT3 (5) 1-3:20pm M KMP 128 Crawford  
Continuing coverage of power systems, boilers and prime movers. Prerequisite: PPO 102.

Industrial Safety  
7603 PPO 130AT3 (5) 1-3:20pm W KMP 128 Crawford  
Industrial safety practices, procedures, and equipment as found in modern power plants. Also included will be basic first aid and CPR, and basic firefighting equipment and procedures. Basic Rigging will be taught stressing safety. Prerequisite: PPO 102.

Cooperative Work Experience  
7605 PPO 190A (1-10) ARR ARR Crawford  
See description under Cooperative Work experience heading.

Plant Operations Refrigeration & HVAC  
7606 PPO 203AT3 (5) 4:30-6:50pm T KMP 128 Steidel  
Provides a background in power plant operations and controls. Prerequisite: PPO 202.

Power System Operator II  
8254 PPO 206A (5) 3-5:50pm Th KMP 128 Steidel  
This continuation of PPO 205 provides students with background in operating the American electrical grid system under North American Electrical Reliability Corporation (NERC) required standards and prepares for NERC exam. Prerequisite: minimum 2.5 grade in PPO 205 or instructor permission.
**ENGINEERING**

**Electrical Circuits**

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An introduction to basic electrical circuits and systems. Topics include: basic analysis techniques; nodal and mesh analysis; Thevenin and Norton equivalent circuits; operational amplifiers; step, natural and steady state circuit response. Concurrent enrollment in MATH 212 is recommended. Prerequisite: MATH & 152 and PHYS & 222.

**Statics**

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First of a three-course sequence. The basic principles of vector statics; friction, analytical and graphical methods of solving force systems including frames, trusses, and other simple mechanisms; centroids and moments of inertia; chains and cables. Corequisite: MATH & 151.

**Research in Engineering**

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<td>ENGR 270A</td>
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Design a research project, set 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**

**Spelling**

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Topics covered in this course include basic spelling patterns, commonly confused words, apostrophe use, capitalization, plural formation, and how pronunciation helps to improve spelling. Students utilize materials according to pretesting information.

**Vocabulary Development I**

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Builds a base of words used in everyday communication, provides systematic study, increases proficiency in oral and written communication and reading comprehension. Students are given a placement test and assigned materials at an appropriate level.

**Vocabulary Development II**

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Builds a base of words used in everyday communication, provides systematic study, increases proficiency in oral and written communication and reading comprehension. Students are given a placement test and assigned materials at an appropriate level.

**Vocabulary Development III**

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Course provides a systematic study of college level academic words and their roots, prefixes, and suffixes to increase proficiency in oral and written communication.

**Writing & Grammar Review**

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Study proper word usage, sentence structure, and punctuation. Writing includes personal essays and summaries. Emphasis is on improving grammar and writing skills for personal needs and preparation for technical coursework. Prerequisite: students must meet mandatory placement requirements to enroll.

**Fundamentals of English**

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Prepares students for college composition. Students analyze texts, review sentence structure and punctuation, and write several short essays and other writing. Students must meet mandatory placement requirements to enroll.

**English Composition I (C)**

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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 meet mandatory placement requirements to enroll. A minimum score of 83 on the COMPASS test, a minimum score of 46 on the ASSET test, or completion of five credits of ENGL 099 with a minimum grade of 2.0.

**Composition II (C)**

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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)**

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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 (formerly ENGL 105)

This course is designed to help students develop the writing skills needed in the workplace. It covers proper use of grammar, sentence structure, mechanics, and vocabulary. Lab fee $44.23.

Intro to Literature (H)

This course introduces students to some of the major genres and techniques of literature by examining the works of a variety of classic and contemporary authors.

Women's Literature (H)(D)

This course examines literature written by women to understand how gender, class, and race shape their experience and their writing. Genres will include poetry, short stories, non-fiction, fiction, and drama. College-level reading and writing skills are expected.

The Great American Novel (H)

This course explores the development of the American novel and its major themes, focusing on classics by writers like Hawthorne, Melville, Twain, Chopin, Hemingway, Faulkner, and Morrison. This course requires college-level reading and writing skills.

ENVIRONMENTAL SCIENCE

Survey of Env Science (S)

This course provides an introduction to the interactions between humans and the natural world. Topics include structure and function of ecosystems, populations, growth, minerals, water, forests, and energy resources. Local and global environmental issues will be discussed.

GEOLOGY

Geology for Engineering & Environ. Studies (S)

This course explores minerals and rocks, geological processes, and geological investigation techniques that relate to geotechnical and environmental concerns. Lab fee $12.93.

Natural Hazards and Catastrophes (S)

This course examines the causes and effects of natural disasters, including earthquakes, floods, landslides, volcanic eruptions, and meteorite impacts. Lab fee $28.36.

Geology of Pacific NW (S)

This course examines the geology and geologic history of the Pacific Northwest and geologic processes important to its evolution. Topics include volcanoes, earthquakes, plate tectonics, rocks, minerals, faults, and folds. Lab fee $28.36.

Research in Geology

This course allows students to design and execute a research project, collect and analyze data, and present the results. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.

HEALTH

Women's Health Issues (HF)(D)

This course provides an opportunity to examine current women's health and wellness issues. Lab fee $3.10.

Health & Wellness (HF)

This course explores current personal health issues and presents contemporary approaches to obtaining and maintaining a high level of wellness. Lab fee $3.10.

Exercise & Nutrition (HF)

This course focuses on two core components of a healthy lifestyle - a healthy diet and a safe exercise program. Students are expected to exercise outside of class time.

Stress Management

This course is designed to make students aware of stress and how it can impact their quality of life. Methods for identifying stressors and strategies to effectively manage them will be covered. Students will construct a personalized stress management plan.

Safety and Fitness (HF)

This course 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 CPR certification. Lab fee $48.25.

Community First Aid and CPR

This course introduces American Red Cross first aid class with emphasis on the basic skills needed in case of an emergency. Adult, child, and infant CPR covered. Lab fee $44.23. Section A meets 3/28; section B meets 4/25; section C meets 5/16.
HISTORY

Western Civilization III (SS)
7389 HIST& 118A (5) 10-10:50am Daily WSC 204 Peterson J
Analysis of the late 19th and 20th centuries with special attention paid to the development of political, social and economic trends and events.

US History II (SS)
7391 HIST& 148AT (5) 12-12:50pm Daily WSC 211 Peterson J
Analysis of American history from Antebellum Era to the Progressive Era. Emphasis will be on the political, social, and economic changes.

US History III (SS)
7392 HIST& 148RT (5) 12-12:50pm Daily MOR 110 Peterson J
Analysis of American history from World War One to the present. Emphasis will be on the political, social, and economic changes.

Pacific NW History (SS)
7393 HIST& 148AP (5) Online Mayfield
The study of the early exploration and settlement of the Pacific Northwest. Emphasis will be on the economic, political and social developments. The course is designed to meet state certification requirements for teachers.

HUMAN RELATIONS

Human Relations – Workplace
7385 H.R 110A3 (5) 9-9:50am MWF WAH 105 Smejkal
7387 H.R 110B3 (5) 10-10:50am MWF WAH 113 Rabe
7386 H.R 110C51 (5) Online McClain
Study of behavior, personality, self-management, self-development, and elementary business psychology in the workplace. Focus on understanding and demonstrating skills imperative to workplace success including communications, personal attitude, motivation, and workplace etiquette. Lab fee $5.

Human Resource Mgmt
7388 H.R 210A3 (5) 11-11:50am MWF WSC 211 Smejkal
Introduction to fundamental concepts of human relations management. This course will focus on recruiting, employee selection and training, employee performance and compensation, and employee laws and labor relations. Prerequisite: BUS& 101, college level reading and writing.

HUMANITIES

Humanities III (H)
7448 HUM& 118A4 (5) 9-9:50am Daily WAH 109 Mitchler
A survey of the major movements in art, architecture, music, philosophy, and literature in a historical context, from 1800 C.E. to the present.

Lyceum VI
7446 HUM 286A (1) 1-1:50pm W WAH 103 Peterson J
The Lyceum offers a variety of lectures on topics of current interest across a wide variety of disciplines. The theme may vary from quarter to quarter.

FOREIGN FILM FESTIVAL

Foreign Film Festival
7447 HUM 297R (2) 11am-2:30pm F Roxy Cantin
Discover and explore the art of film. Eight films from various parts of the world will be shown with instructor-led discussions following each film.

INTENSIVE ENGLISH PROGRAM

Intensive English Speaking Level I-IV
7449 IEP 084A (1-5) 10-10:50am Daily LIB 103 Burr
7453 IEP 088A (1-5) 10-10:50am Daily LIB 103 Burr
7457 IEP 092A (1-5) 10-10:50am Daily LIB 103 Burr
7461 IEP 096A (1-5) 10-10:50am Daily LIB 103 Burr
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
7450 IEP 085A (1-5) 11-11:50am Daily LIB 103 Burr
7454 IEP 089A (1-5) 11-11:50am Daily LIB 103 Burr
7458 IEP 093A (1-5) 11-11:50am Daily LIB 103 Burr
7462 IEP 097A (1-5) 11-11:50am Daily LIB 103 Burr
This course provides students with reciprocal listening training. They will also be introduced to non-reciprocal listening tasks both in a formal and non-formal method of communication.

Intensive English Reading Level I-IV
7451 IEP 086A (1-5) 2-2:50pm Daily KMP 104 Olson
7455 IEP 090A (1-5) 2-2:50pm Daily KMP 104 Olson
7459 IEP 094A (1-5) 2-2:50pm Daily KMP 104 Olson
7463 IEP 098A (1-5) 2-2:50pm Daily KMP 104 Olson
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
7452 IEP 087A (1-5) 1-1:50pm Daily KMP 104 Johnson R
7456 IEP 091A (1-5) 1-1:50pm Daily KMP 104 Johnson R
7460 IEP 095A (1-5) 1-1:50pm Daily KMP 104 Johnson R
7464 IEP 099A (1-5) 1-1:50pm Daily KMP 104 Johnson R
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. Students write about themselves, their culture or other familiar topics, discuss and write about American and world culture, and academic topics. Writing fluency is stressed, and correction focuses on structural and grammatical errors appropriate to each level. Paragraph development and short essay organization are emphasized. Writing includes description, narration, comparison/contrast, with some analysis and summarizing of short reading passages. Students keep a daily journal.

JOURNALISM

Introduction to Mass Media (H)
7465 JOUR 160A (5) 11-11:50am Daily WAH 113 Fisher
7466 JOUR 160BP1 (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.
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

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For students who need to review basic math concepts such as whole number, fraction and decimal operations. Appropriate placement test scores.

Pre-Algebra

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Covers percents, proportions, unit conversions, geometry, simplifying algebraic expressions and solving simple first degree linear equations. Prerequisite: MATH 095 or appropriate test score placement.

Algebra for Statistics

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An algebra course for students intending to enroll in MATH& 146, introduction to Stats. This course does not meet the algebra prerequisite or other quantitative skills courses or for transfer to the University of Washington. Prerequisite: MATH 096 or Compass score of 78+.

Algebra I

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+1 hr/wk TBA

For students with good arithmetic skills and familiarity with signed numbers and basic algebraic expressions. Problem-solving skills are emphasized. Topics include: linear equations and inequalities, graphing, polynomials, and rational expressions. Prerequisite: MATH 096.

Algebra II

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+1 hr/wk TBA

For students with good arithmetic skills and familiarity with signed numbers and basic algebraic expressions. Problem-solving skills are emphasized. Topics include: linear equations and inequalities, graphing, polynomials, and rational expressions. Prerequisite: MATH 096.

Math in Society (M)

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Designed to enhance math proficiency of liberal arts students as they meet personal and professional demands. Includes mathematics in management, statistics, probability, art, and other practical applications in society. Not preparation for calculus. Prerequisite: MATH 099 or equivalent.

Industrial Math (formerly MATH 116)

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Application of basic mathematical operations to specific work-force programs including common fractions, decimal fractions, percentages, ratio and proportion, practical algebra, and computations involving rectangles and triangles. Emphasizes the use of mathematics in diesel and welding. Prerequisite: MATH 095.

Electronics Math 2

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Continuation of Electronics Math 1 - students will learn math concepts applicable to AC electronics and semiconductor device performance. Trigonometry and complex numbers will be emphasized. Prerequisite: TMATH 121.

Math for Elem Educ 1 (M)

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Designed to provide the conceptual framework for teaching mathematics from kindergarten through eighth grade. Prerequisite: MATH 099 or equivalent ASSET/COMPASS score.

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.
Pre-Calculus I (M)

- 7518 MATH& 141A4 (S) 8-8:50am Daily WSC 204 Carlson C  
  Study of elementary functions (polynomial, exponential, logarithmic), systems of equations, 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)

- 7519 MATH& 142A4 (S) 11-11:50am Daily WAH 216 Taylor D  
  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)

- 7521 MATH& 146A4 (5) 12-12:50pm Daily WSC 110 Kiekel  
  Introduction to concepts of data collection, organization and summaries. Develop the fundamental 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 099 or equivalent.

Calculus I (M)

- 7526 MATH& 151A4 (S) 8-8:50am Daily WSC 215 Taylor D  
- 7527 MATH& 151B4P1 (S) Online Kostick  
  The first in a four-quarter sequence. Limits, derivatives of algebraic and some transcendental functions, applications of derivatives, the indefinite integral. Topics covered from numerical, analytical and graphical viewpoints. Prerequisite: MATH& 142 or equivalent.

Calculus II (M)

- 7528 MATH& 152A4 (S) 9-9:50am Daily WSC 107 Carlson C  
  The second in a four-quarter sequence. Covers the calculus of transcendental functions (exponential, logarithm, inverse circular, hyperbolic), techniques of integration, sequences, series, and power series. Prerequisite: MATH& 151 or equivalent.

Math for Computer Sci 2

- 8191 TMATH 172A (3) 11-11:50am MWF WAH 211 Daniels  
  This course is an introduction to common non-standard number systems, sets, logic and discrete mathematics for computer science programming and web development students.

Elementary Differential Equations

- 7512 MATH 212A4 (S) 11-11:50am Daily WSC 108 Carlson C  
  Linear ordinary differential equations with emphasis on supporting concepts of differential operators, Wronskians, characteristic polynomials, homogeneous and nonhomogeneous cases, variation of parameters, undetermined coefficients. Solution of IVP by Laplace transforms and power series method. Prerequisite: MATH& 163.

Calculus IV

- 7514 MATH 264A4 (3) 1-2:20pm TTh WSC 110 Taylor D  
  Fourth in a four-quarter sequence. Optimization of 2 and 3 variable functions, Lagrange Multipliers, applications and techniques of multiple integration, Green’s Theorem, Stokes Theorem, and line and surface integrals. Prerequisite: MATH& 163 or its equivalent.

MEDICAL ASSISTANT

Medical Math

- 8180 MA 130A (S) 8-8:50am Daily WAH 146 Steidel  
  A mathematics course that focuses on solving applications using percent, proportion, and unit conversion as well as descriptive data interpretation. Satisfies the math requirement for the Medical Assistant AAS. Prerequisite: MATH 096 or equivalent. Lab fee $5.

Medical Assisting Intro

- 8197 MA 140A (S) 9-9:50am W WAH 146 Murray  
  1-2:50pm Th WAH 146 Murray  
  An introduction to the profession of medical assisting in the ambulatory health care setting. Designed to explore the medical assistant as a valuable member of the health care team. Prerequisite: MA 139 with a 2.5 GPA. Lab fee $33. Class meets 5/4-6/8.

MA Electrocardiography

- 8198 MA 208A (2) 9-10:50am MT WAH 146 Boerner  
  Electrocardiography (ECG) for the medical assistant student; including anatomy of the heart and the cardiac cycle, ECG applications and methods for testing in ambulatory care. Prerequisite: acceptance into 2nd year MA program. Lab fee $15. Class meets 3/30-5/1.

MA Clinical Procedures II

- 8199 MA 243A (6) 1-4:50pm MTWTh WAH 146 Murray  
  9-10:50am Th WAH 146 Murray  
  Surgical setup for clinical/office procedures explored in detail; review of the role of diagnostic imaging, rehabilitation, and nutrition in the interdisciplinary approach of patient care. Prerequisite: MA 242, MA 246 with a 2.5 GPA or higher. Class meets 3/30-5/1.

MA Externship Seminar

- 8200 MA 244A (1) 1-2:50pm W WAH 146 Boerner  
  This class allows the medical assistant extern to explore objectives and challenges in bridging their classroom/lab experiences to the experiences they are encountering in their externships. Prerequisite: MA 242, MA 246 with a 2.5 GPA or higher. Lab fee $50. Class meets 5/4-6/8.

MA Clinical Externship

- 8201 MA 245A (6) ARR ARR ARR Murray  
  One hundred eighty unpaid hours of externship in an ambulatory health care setting that allows the medical assistant student to bridge their classroom education and lab training to the real world medical setting. Prerequisite: MA 242, MA 246 with a 2.5 GPA or higher. Lab fee $17.35. Class meets 5/4-6/8.

MEDIA STUDIES

Sports Announcing for Baseball

- 7468 MST 128A (1) 2-2:50pm W WAH 140 Fisher  
  Learn and apply the basic skills and knowledge required of today’s baseball announcers. This course will emphasize practical tips, ideas and theories that will help you on your way to becoming a quality baseball announcer.
Studio & Outdoor Lighting for Television & Film
7469 MUSC 262A (2) 1-2:50pm TTh WAH 113 Petzold
Discover the basic principles and techniques of lighting television and film sets in both indoor and outdoor situations.

Introduction to Broadcast News and Production
7470 MUSC 220A (4) 12-12:50pm Daily WAH 113/140 Fisher
Learn basic media news writing, produce and broadcast news and feature stories on both radio and television. Some media production techniques will be covered during the quarter.

Television Production
7471 MUSC 262A (5) 1-2:50pm TTh WAH 113 Fisher
Students will write, direct, produce and edit video packages and participate as crew members in producing classmate’s video projects. Lab fee $17.94.

Radio Broadcasting Internship
7472 MUSC 271A (1) ARR ARR WAH 140 Fisher
7473 MUSC 271A (2) ARR ARR WAH 140 Fisher
7474 MUSC 271A (3) ARR ARR WAH 140 Fisher
7475 MUSC 271A (4) ARR ARR WAH 140 Fisher
Practice and perfect your announcing skills on the campus radio station KCED FM. Prerequisite: MST 230, 231 or instructor permission.

TV Broadcasting Internship
7476 MUSC 281A (1) 1-2:50pm T WAH 113 Fisher
Designed for students who wish to produce independent video projects outside of the classroom environment. Permission of instructor required. Prerequisite: MST 260, 261, 262.

MUSIC

Applied Music I - VI
7532 MUSC 115A (1) ARR ARR WAH 107 Huffman
7533 MUSC 116A (1) ARR ARR WAH 107 Huffman
7534 MUSC 117A (1) ARR ARR WAH 107 Huffman
7535 MUSC 215A (1) ARR ARR WAH 107 Huffman
7536 MUSC 216A (1) ARR ARR WAH 107 Huffman
7537 MUSC 217A (1) ARR ARR WAH 107 Huffman
Study of specific instrument literature and techniques applied to performance. Required of all music majors. By audition and permission of instructor only.

Broadway Today
8160 MUSC 118A (5) 11-11:50am Daily WAH 125 Woodcock
A study of current Broadway musicals to include all components: plot, music, character development, choreography and set design, costumes and lighting. Emphasis on the development of the musical in American culture.

Music of the World (H/D)
7535 MUSC 139A (5) 9-9:50am Daily WAH 103 Woodcock
A music survey of diversity found in music 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. Prerequisite: proficiency in reading, grammar skills.

Music Theory III
8158 MUSC&143A (5) 8-8:50am Daily WAH 125 Huffman
Designed for music majors and minors. Emphasis on aural and written skill of seventh chords, secondary dominant and secondary seventh chords. Piano proficiency of Bach two-part Inventions. Finale™ is used for computer generated manuscript. Prerequisite: MUSC& 142.

Choir I-VI
8152 MUSC 144A (2) 12-1:20pm MW WAH 107 Huffman
8153 MUSC 145A (2) 12-1:20pm MW WAH 107 Huffman
8154 MUSC 146A (2) 12-1:20pm MW WAH 107 Huffman
8155 MUSC 147A (2) 12-1:20pm MW WAH 107 Huffman
8156 MUSC 148A (2) 12-1:20pm MW WAH 107 Huffman
8157 MUSC 149A (2) 12-1:20pm MW WAH 107 Huffman
A vocal group consisting of the part distribution: soprano, alto, tenor, and bass. Will 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
8143 MUSC 150A (1) 12-12:50pm F WAH 125 Huffman
8144 MUSC 151A (1) 12-12:50pm F WAH 125 Huffman
8145 MUSC 152A (1) 12-12:50pm F WAH 125 Huffman
Piano study for music majors. Emphasis placed on hand coordination, scales, transposition and score reading. Prerequisite: declared music major.

Jazz Band I-VI
8146 MUSC 234A (2) 12-1:20pm TTh WAH 107 Huffman
8147 MUSC 235A (2) 12-1:20pm TTh WAH 107 Huffman
8148 MUSC 236A (2) 12-1:20pm TTh WAH 107 Huffman
8149 MUSC 237A (2) 12-1:20pm TTh WAH 107 Huffman
8150 MUSC 238A (2) 12-1:20pm TTh WAH 107 Huffman
8151 MUSC 239A (2) 12-1:20pm TTh WAH 107 Huffman
Jazz ensemble consisting of the following instrumentation: saxophone, trumpet, trombone, piano, bass, guitar and percussion. Perform both on and off campus. Participation in one evening concert is mandatory. Auditions held on first day of class. Prerequisite: by audition ONLY. Lab fee $17.49.

Music Theory VI
8159 MUSC&243A (5) 9-9:50am Daily WAH 125 Huffman
An advanced technical study of music including aural skill and analysis of late 20th century music. Piano performance skill of score reading, four-part choral accompaniments, and level four piano. Prerequisite: MUSC& 242.

Performance Ensemble I - VI
7539 MUSC 244A (1) ARR ARR WAH 107 Huffman
7540 MUSC 245A (1) ARR ARR WAH 107 Huffman
7541 MUSC 246A (1) ARR ARR WAH 107 Huffman
7542 MUSC 247A (1) ARR ARR WAH 107 Huffman
7543 MUSC 248A (1) ARR ARR WAH 107 Huffman
7544 MUSC 249A (1) ARR ARR WAH 107 Huffman
An ensemble is for the advanced performer (Instrumentalists or Vocalists). Music reading is imperative. Will perform many styles of music. Concert performances will be both on and off campus and/or tour. By audition ONLY.

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 Technology
8108 MUSC 276A (3) 1:30-3pm TTh WAH 125 Woodcock
Detailed study of Finale and Pro Tools used by music institutions of higher education and industry. Required of all music majors. Corequisite: MUSC& 121 or MUSC& 131.

NURSING

Common Alterations II
7559 NURS 103A4 (12) ARR Daily WSC 202 Hinderlie
7560 NURS 103B4 (12) ARR Daily WSC 202 Hill
Progressive competencies reflecting program themes are applied to surgical, neurologic, musculoskeletal, renal, and gastrointestinal nursing care. On-campus theory and skills labs and off-campus acute care clinical experiences are provided. Prerequisite: NURS 101, 102 or equivalent. Lab fee $48.47.

Electrocardiography for Health Care Professionals
7561 NURS 108A3 (2) ARR ARR ARR Hinderlie
Review of cardiac anatomy and physiology; ECG equipment operation and supplies; patient preparation; ECG testing procedure; rhythm recognition and interpretation; cardiovascular disorders; pharmacology in ECG testing. Includes hands on ECG training and practice. Corequisite: RN, LPN, or nursing student or instructor permission. Lab fee $10.87.

Complex Management
7562 NURS 203A4 (8) ARR Daily WSC 213 Fritz
7563 NURS 203B4 (8) ARR Daily WSC 213 Ormrod/Sullivan
Progressive competencies reflecting program themes are applied to the care of clients with complex alterations in health. Community-based and acute care inpatient clinical opportunities are provided at regional facilities. Prerequisite: NURS 201 and 202 or equivalent. Lab fee $55.23.

Transition to Practice
7565 NURS 222A4 (4) ARR Daily WSC 213 Hill
7566 NURS 222B4 (4) ARR Daily WSC 213 Ormrod/Sullivan
Preceptor-guided experiences in a variety of community health care organizations are provided. Community-based and personal professional development projects are assigned. Prerequisite: NURS 201 and 202 or equivalent; corequisite: NURS 203. Lab fee $46.95.

NURSING ASSISTANT

Nursing Assistant Certification
7399 HLSV 131A (9) 8am-12pm MTWTh TEC 115 Holifield
7398 HLSV 131B (9) 8am-12pm MTWTh TEC 115 Holifield
7394 HLSV 131NA (9) 5-9pm MTWTh TEC 115 Speer
7393 HLSV 131NB (9) 4-10pm MTWTh TEC 115 Speer
7397 HLSV 131S (9) 4-8:30pm MTWTh TEC 115 Staff
 Awareness of the role of the nursing assistant in nursing care and skill development. Topics: maintain a safe environment, provide restorative care, communication, and practice basic concepts of care. Background check is required for clinical. Lab fee $194.58. Section S lab meets 4/10 and 4/24.

Nurse Delegation
7399 HLSV 132A (2) 12-4pm MTWTh TEC 115 Speer
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 4/15, 16, 20, 21, 22, 23.

Mental Health
7400 HLSV 133A (1) 12-4pm TW NRA Speer
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 4/29, 30.

Dementia
7401 HLSV 134A (1) 12-4pm MT NRA Speer
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 4/27, 28.

NUTRITION

Nutrition (S)
7567 NUTR 101A4 (5) 10-10:50am Daily WSC 109 Priday
7568 NUTR 101B1 (5) Online Priday
An exploration of the six basic nutrients with diet planning principles, human metabolism, weight control and digestion also being studied. Some chemistry or biology background is helpful. Prerequisite: prior knowledge of chemistry or biology would be helpful.

OCEANOGRAPHY

Intro to Oceanography (S)
7569 OCEA 101AP1 (5) Online Khandro
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.

PHILOSOPHY

Intro to Philosophy (H)
7596 PHIL 101AP1 (5) Online Diamant
Investigate the assumptions philosophers have made about reality, knowledge, truth, God, morality, social construction, freedom, and paternalism.

Introduction to Ethics (H)
7595 PHIL 103A3 (5) 12-2:20pm TTh WAH 216 Diamant
Focus on choices made in concrete circumstances. Study traditional ethical theories and present-day moral dilemmas.
PHYSICAL EDUCATION

Physical Fitness (HF)

7570  P E  110A  (1)  11-11:50am  TTh  HWC 125  Oien
Study all five areas of fitness: aerobic endurance, muscle strength, muscular endurance, flexibility, and body composition. Students work at their own fitness levels. Lab fee $3.10.

Volleyball

7573  P E  115A  (1)  12-12:50pm  TTh  HWC 103  Ewings
This course will cover the fundamental skills and techniques of beginning volleyball. Includes basic rules, scoring and strategy. Lab fee $3.10.

Lifestyle Management and Exercise (HF)

7574  P E  120A3  (2)  9-9:50am  MTWTh  HWC 125  Sanchez
Designed to assist individual in making lifestyle changes associated with health and fitness. Lab fee $3.10.

Basic Weight Training/Conditioning (HF)

7575  P E  123A  (1)  10-10:50am  TTh  HWC 125  Oien
7576  P E  123B  (1)  11-11:50am  MW  HWC 125  Staff
Designed to condition the musculature of the body using machine and free weights. Lab fee $3.10.

Free Weights (HF)

7577  P E  125A  (1)  10-10:50am  TTh  HWC 130  Sanchez
Designed to develop muscle fitness through lifting free weights, Olympic lifts, plyometrics and power lifting. Students need prior weight training experience. Lab fee $3.10.

Baseball Application I

7578  P E  131A  (3)  ARR  ARR  HWC 103  Le Duc
Learn the techniques and strategies in a practice or game situation with an emphasis on fundamentals, conditioning, team concept and sportsmanship. Lab fee $18.75.

Boot Camp Basics (HF)

7579  P E  140A  (1)  10-10:50am  MW  HWC 200  Johnson C
8163  P E  140B  (1)  8-8:30am  TTh  HWC 200  Sanchez
A high-impact exercise class designed to improve muscle strength, endurance, flexibility and aerobic capacity. Lab fee $3.10.

Cardio Combo (HF)

7580  P E  142A  (1)  10-10:50am  MW  HWC 103  Sanchez
8204  P E  142B  (1)  12-12:50pm  TTh  HWC 200  Oien
A combination of cardio exercises 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)

7581  P E  150A  (1)  10-10:50am  TTh  HWC 200  Schnabl
8164  P E  150N  (1)  6-6:50pm  TTh  HWC 200  Parnham
An exercise class integrating components of flexibility, muscular strength and endurance, and relaxation. Students will be encouraged to work at their own level of fitness. Lab fee $3.10.

Pilates/Core (HF)

7582  P E  152A  (1)  11-11:50am  MW  HWC 200  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)

7583  P E  153A  (1)  8-8:50am  MW  HWC 200  Barr
Develop balance, lower-body strength and relaxation in motion with Wu Style Tai Chi. Students will work at their own level of fitness. Lab fee $3.10.

Beginning Tae Kwon Do

7584  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 will work at their own level of fitness. Lab fee $3.10.

Intermediate Tae Kwon Do

7585  P E  159N  (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.

Advanced Tae Kwon Do

7586  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 and orange belt in the Korean martial art of Tae Kwon Do. Lab fee $3.10.

Softball Applications I

7587  P E  165A  (3)  ARR  ARR  HWC 103  Bajo
Learn how to apply the fundamentals of softball in game like situations. Lab fee $3.10.

Lifetime Fitness (HF)

7588  P E  168A3  (2)  11-11:50am  T  HWC 115  Sanchez
7589  P E  168B3  (2)  10-10:50am  F  WAH 105  Sanchez
Cardiovascular endurance, muscle fitness, weight management and flexibility will be studied. One lecture hour and two hours of activity per week. Lab fee $3.10.

Advanced Physical Fitness (HF)

7590  P E  210R  (1)  5-5:50pm  MW  MOR 108  Staff
Designed to continue the individual's personal health-related physical fitness - cardiovascular endurance, muscular strength, muscular endurance, body composition and flexibility. Students will be encouraged to work at their own level of fitness. Prerequisite: PE 110 or instructor permission. Lab fee $3.10.

Advanced Volleyball

7591  P E  215A  (1)  12-12:50pm  TTh  HWC 103  Ewings
Advanced techniques and skills included in competitive volleyball. Advanced offensive and defensive tactics and strategy will be covered. Prerequisite: PE 115 or instructor permission. Lab fee $3.10.

Physical Fitness Concepts (HF)

7592  P E  229A3  (3)  12-12:50pm  MWF  HWC 115  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.
### Baseball Application II

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Learn advanced techniques and strategies in a practice or game situation with an advanced emphasis on fundamentals, conditioning, team concept and sportsmanship. Prerequisite: PE 131 or instructor permission. Lab fee $18.75.

### Softball Applications II

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Learn how to apply the advanced techniques of softball in game-like situations. Prerequisite: PE 165 or instructor permission. Lab fee $3.10.

### PHYSICS

#### Engineering Physics III (S)

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Optics modern physics, electricity and magnetism. Includes geometrical and physical optics, Maxwell’s equations, AC/DC circuits and special relativity. Prerequisite: PHYS& 222 and MATH& 153. Lab fee $18.46.

#### Research in Physics

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Design a research project, set up experiments, collect data in the lab or in the field, and/or analyze data. Each credit hour requires 3.3 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. This class meets at the Chehalis Tribal (Community) Center at 461 Secena Road in Oakville.

#### American Government (SS)

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Students will examine the American political structure and its ideological roots. We will explore how the structure is organized and how it operates.

### PSYCHOLOGY

#### General Psychology (SS)

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An introduction to the scientific study of behavior: history, research methods, biology of behavior, lifespan development, sensation and perception, learning, memory, intelligence, motivation, emotion, personality, psychological disorders and therapies, and social psychology.

#### Lifespan Psychology (SS)

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Human development from conception to death. Basic concepts and principles of biological, cognitive, and psychosocial development are integrated for each age period. Typical developmental tasks as well as problems are emphasized. Prerequisite: PSYC& 100 or instructor permission.

#### Social Psychology

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The scientific study of how a person’s thoughts, emotions and behaviors are influenced by other people. Includes an exploration of: propaganda, persuasion, social cognition, human aggression, prejudice, love, and interpersonal sensitivity. Prerequisite: PSYC& 100 or instructor permission.

### READING

#### Independent Study

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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.

#### Specific Reading Skill Development

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This course is designed to provide students with opportunities to improve their reading 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 by this class.

#### Improvement of Reading

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Students strengthen thinking, reading comprehension, and vocabulary skills in learning to read and study textbooks, writing summaries, note taking, and test taking. Completion of course satisfies the basic skill deficiency in reading. Prerequisite: ASSET placement (reading) 33-41.

#### Technical Reading

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Designed to teach discipline-specific reading strategies useful to students in both vocational and academic areas. It will also teach awareness of academic though processes and present skills to enhance that thinking process.

#### Speed Reading

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Self-paced course for students wishing to increase reading rate and comprehension using proper eye movements, improved vocabulary, and correct reading methods based on reading material. Prerequisite: college level reading and vocabulary skills.
SCIENCE

Intro to Physical Science (S)
- 7623 SCIE 104AP1 (5) Online Brown D
Study the basic concepts of physical science, learn to apply the scientific method to problem solving and popular science, and apply the scientific methods to a project.

Weather and Climate (S)
- 7625 SCIE 115AP1 (5) Online Brown D
Study of Earth's atmosphere, atmospheric processes, weather, climate, and climate history. Experience will be provided in weather map interpretation, use of instruments, forecasting, interpretation of past climate conditions, and hands-on dendrochronology. Prerequisite: MATH 098 or equivalent.

SOCIOLGY

Intro to Sociology (SS)
- 7641 SOC& 101A4 (5) 8-8:50am Daily WSC 211 Coffman
- 7642 SOC& 101B (5) 9-9:50am Daily KMP 104 White
- 7643 SOC& 101C (5) 11-11:50am Daily KMP 104 White
- 7644 SOC& 101DP1 (5) Online Medlin
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.

Cooperative Work Experience
7639 SOC 190A (1-12) ARR ARR ARR White
See description under Cooperative Work Experience heading.

Social Problems (SS)
- 7645 SOC& 201A (5) 10-10:50am Daily WSC 208 van Alstyne
Investigate problems within society and how we view certain social conditions as social problems. Topics include technology, environment, population, economy, class, race/ethnic relations, sexism, ageism, family problems, education, cities, deviance, crime, mental health, physical health.

Cultural & Ethnic Pluralism in Contemporary Society (SS)(D)
- 7640 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)
- 8205 SPAN& 121A4 (5) 12-12:50pm Daily WSC 210 Gorecki
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 II (H)
- 7646 SPAN& 122A4 (5) 1-1:50pm Daily WSC 210 Martinez
Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures. Compact discs are used outside of class to promote oral proficiency. Prerequisite: SPAN& 121 or instructor permission.

Spanish III (H)
- 7647 SPAN& 123A4 (5) 8-8:50am Daily WSC 210 Gorecki
- 7648 SPAN& 123B4 (5) 10-10:50am Daily WSC 210 Gorecki
- 7649 SPAN& 123N4 (5) 6-8:20pm MW WSC 210 Martinez
Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures. Compact discs are used outside of class to promote oral proficiency. Prerequisite: SPAN& 122 or instructor permission.

Spanish VI (H)
- 7651 SPAN& 223A4 (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& 222 or instructor permission.

SPEECH

Fundamentals of Public Speaking (H)
7652 SPEE 101A (3) 10-10:50am 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.

Principles of Speech Communication (H)
- 7653 SPEE 110A4 (5) 9-9:50am Daily WSC 109 McQuarrie
- 7654 SPEE 110B4 (5) 8-8:50am Daily WSC 109 McQuarrie
- 7655 SPEE 110C4 (5) 11-11:50am Daily WSC 206 McQuarrie
- 7656 SPEE 110D4 (5) 12-12:50pm Daily WSC 109 Tyrrell
Introduction to principles of human communication emphasizing interpersonal/intercultural relationships, group process, and problem-solving skills; designing, preparing, and delivering effective informative and persuasive speeches; reducing anxiety; and preparing and using visual aids.

Theory and Practice of Public Speaking (H)
- 7657 SPEE 220AP1 (5) Online McQuarrie
Development, preparation, and delivery skills needed for a variety of public speaking events plus visual aids utilization. Ethics of public speaking are examined and applied. Study of classic speeches provides historical framework.

STUDENT DEVELOPMENT

Study Skills
7628 SDEV 099N (1-5) 5-7:20pm MW WSC 111 Shriver
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.
Career Planning

7629 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

8222 SDEV 150A (3) 12-12:50pm MWF KMP 104 Burr
College success strategies: goal-setting, memory improvement, textbook reading strategies, note-taking, project management. Taught by lecture, group and individual work. Includes Saturday field trip for challenge course activities.

WELDING

Industrial Drafting

7659 WELD 126B (2) 1-2:50pm TTh TEC 105 Cotton
Basic concepts in developing working drawings for use in industry. Emphasis is on the use of freehand sketching and drawing instruments to produce drawings of three-dimensional objects. Also included is basic dimensioning and pictorial drawing.

Welding Theory for Mechanics

7660 WELD 151A4 (5) 8-11:50am TTh TEC 105 Lucas
Introduction to principles of gas and arc welding and cutting processes. Includes information in welding equipment and material, various welding techniques and proper safety procedures. Corequisite: concurrent enrollment in WELD 152 or instructor permission.

M.I.G. Welding Theory

7662 WELD 164A (4) 10-11:20am MWF TEC 105 Cotton
Theory related to gas metal-arc welding (GMAW) and flux cored arc welding (FCAW); process and shop safety; machine setup, operation and troubleshooting; welding procedures and techniques; filler electrode selection and AWS weld testing.

Gas Shielded Arc Welding Lab

7664 WELD 165A (6) 12-2:50pm MWF TEC 103 Cotton
Welding lab consists of GMAW and FCAW gas shielded arc welding instruction, practices and procedures on butt, lap, tee, and corner joints in all positions on steel. Also includes GMAW with aluminum. Lab fee $143.09.

Oxyacetylene and Gas Tungsten Arc Welding

7666 WELD 180N (5) 5-8:50pm TTh TEC 103 Staff
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

7667 WELD 182N (5) 5-8:50pm TTh TEC 103 Staff
Safety, setup, and welding in all positions using gas metal arc welding equipment. Lab fee $73.78.

Gas Metal Arc Welding

7668 WELD 190A (1-12) ARR ARR TEC 105 Driscoll
See description under Cooperative Work Experience heading.

Advanced Fabrication and Welding Theory

7670 WELD 269A (4) 12-12:50pm MWF TEC 103 Driscoll
Fabrication and fitting tools, setup and procedures. Correct steps to follow when designing, cost estimating, and planning a large scale welding project. Blueprint interpretation and the completion of scale drawing will also be required. Prerequisite: WELD 267 or instructor permission.

Advanced Fabrication and Welding Procedure Lab

7671 WELD 270A (6) 9-11:50am MWF TEC 103 Driscoll
Fabrication and fitting tools, setup, and procedures. Butt and tee joint will be required in the flat position using various welding processes. Students will have the opportunity to work on individual projects. Prerequisite: WELD 268 or instructor permission. Corequisite: WELD 269. Lab fee $73.78.

Arc Welding Certification

7672 WELD 285N (5) 5-8:50pm TTh TEC 103 Staff
Practical exercises enable students to prepare for the Washington Association of Building Officials (WABO) certification tests in gas metal arc welding (GMAW), flux cored arc welding (FCAW), and Shielded metal arc welding (SMAW). Prerequisite: prior welding experience required. Lab fee $73.78.

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
eLearning

If you are unable to attend regularly scheduled classes on campus, an eLearning course may be a way for you to earn college credits. For the latest information, check www.centralia.edu/elearning.

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.

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.)

For the latest information, check www.centralia.edu/elearning
### CENTRALIA COLLEGE ONLINE CLASSES
Classrooms open starting on March 23  
Instruction begins March 30  
Instruction ends June 12

<table>
<thead>
<tr>
<th>Code</th>
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<th>Course</th>
<th>Section</th>
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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 March 26  
Instruction begins April 2  
Instruction ends June 10

<table>
<thead>
<tr>
<th>Code</th>
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<td>AW1</td>
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<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.

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
• 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 detailed descriptions, additional class times or questions, please call 360-736-9391, ext. 427 or visit www.centralia.edu/academics/cont-ed

BASKET WEAVING

Basket Weaving
Weaving classes for the beginner, intermediate & advanced weavers. All baskets are working baskets. We’ll be weaving with Date Palm, also known as Rattan, a pliable, strong material for baskets. Beginner: learn the basics of weaving and new techniques with each new basket. Intermediate: continue weaving skills, more techniques when weaving larger baskets and learning some pattern weave. Complete two beginning classes prior to taking an intermediate class. Advanced: challenge yourself as you continue to grow your weaving skills with a more difficult pattern. Complete two beginner classes and one intermediate class prior to taking an advanced class. Material fee is due to the instructor at each class. Supply cost (listed below). Instructor Carolyn Snedigar. One finished basket per class.

Beginners:
- Bread Basket 6”x10” ($12)
  - Apr 11 Sa 9:30am-3:00pm WAH 116
  - Code 8655 Course CS 101L $2
- Wine Basket with swing handle ($20)
  - Apr 25 Sa 9:30pm - 3:00pm WAH 116
  - Code 8656 Course CS 101M $2

Beginner - Intermediate:
- Casserole Carrier multi color with leather handles ($30)
  - May 9 Sa 9:30pm - 3:00pm WAH 116
  - Code 8657 Course CS 101N $2
- Medium Quilt Basket with wood handle ($28)
  - May 30 Sa 9:30pm - 4:00pm WAH 116
  - Code 2602 Course CS 101B $2

Advanced: Complete 2 beginner & 1 intermediate classes prior to attending
- Farm Bushel Basket with leather handles ($30)
  - Jun 6 Sa 9:30pm - 4:00pm WAH 116
  - Code 2603 Course CS 101C $60

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.

- Mar 30 - Apr 20 M 6:00pm-8:30pm WAH 212
  - Code 8628 Course CS 152B $50
  - Lifelong Learners 50+
    - Code 8630 Course SNRC 043C $30

Intermediate Computer
This course is for students who have completed Computer Basics or have an understanding of creating and saving documents. We will continue to work with file management skills, 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. Use “search” to find anything on your computer! We will also learn to maintain your computer and work with the Control Panel to make common personalization changes. Navigating the Internet and how to effectively find and save information. This class uses Windows 7, Not Windows 8. Instructor Amanda Warner. No class 5/25.

- May 4 - Jun 1 M 6:00pm-8:30pm WAH 212
  - Code 8632 Course CS 152D $50
  - Lifelong Learners 50+
    - Code 8633 Course SNRC 043D $30

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

- Apr 1 - Apr 22 W 6:00pm-8:30pm WAH 212
  - Code 8630 Course CS 152C $50
  - Lifelong Learners 50+
    - Code 8631 Course SNRC 043C $30

BEEKEEPING

Beginning Beekeeping/Apprenticeship
This class will focus on the hobby, residential and small farm beekeeper. Emphasis will be put on the seasonal care of new hives and colonies. Our style is networking, participation and interaction. Our discussions are focused to your needs and questions. We have examples and hands-on learning aides. You see, hold, analyze and feel what the books only talk about. You will 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 participants will receive an Apprenticeship Certificate. Instructor Tim Weible.

- Mar 30 - May 4 M 7:00pm - 9:00pm WAH 103
  - Code 8649 Course CS 118A $20
Microsoft Excel
Introductory class! Students will learn to create new worksheets and edit existing worksheets. Learn to input data, use auto fills to save time and improve accuracy, format data using color, fonts, size and how to sort and select data effectively. Class will also cover writing formulas and creating charts to present data. Instructor Amanda Warner.

May 6 - May 27 W 6:00pm-8:30pm WAH 212
Code 8634 Course CS 152E $50
Lifelong Learners 50+ Code 8635 Course SNRC 043E $30

DANCE

Belly Dancing
Introduction to a fusion of dance styles. Middle Eastern steps and music blended with other cultures. Belly Dance is a wonderful way to tone both body and spirit. Intro: Building your Foundation – Learn proper alignment and technique, including shimmies. Advanced Beginning: Let’s Dance – applying what was learned in Intro, to choreographed dances and furthering your brain muscle connections with more advanced steps. It is recommended that students wear flexible layers and bring a water bottle. Instructor Geneva Lombardi.

Apr 3 - Jun 5
Building your Foundation: F 6:00pm-7:15pm HWC 200
Code 8704 Course CS 157C $48
Let’s Dance: F 7:20pm-8:30pm HWC 200
Code 8705 Course CS 157D $48
Both classes: F 6:00pm-8:30pm HWC 200
Code 8706 Course CS 158A $60

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, Centralia. Instructor Marie Kiser.

Mar 30 - Jun 8 M 6:00pm-7:00pm FTEAC
Code 8711 Course CS 157F $55
Lifelong Learners 50+ Code 8712 Course SNRC 093A $25
Mar 30 - Jun 8 Th 7:00pm-8:00pm FTEAC
Code 8713 Course CS 157G $55
Lifelong Learners 50+ Code 8714 Course SNRC 093B $25

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, Centralia. Instructor Marie Kiser.

Mar 30 - Jun 8 Th 6:00pm-7:00pm FTEAC
Code 8715 Course CS 157H $47
Lifelong Learners 50+ Code 8716 Course SNRC 093C $25

Advanced Ballroom Dancing
For those who love dancing and are comfortable with 7-10 patterns in most of the dances. You will learn show lines, syncopations, and continuous movement in closed and open positions. Enhances your personal style and whets your appetite for more. Will include optional dances such as Viennese Waltz and Quickstep, and others. Classes will be held at Flying Tiger Exercise Arts Center at 219 S. Tower, Centralia. Instructor Marie Kiser.

Mar 30 - Jun 8 M 7:00pm-8:00pm FTEAC
Code 8717 Course CS 157J $47
Lifelong Learners 50+ Code 8718 Course SNRC 093D $25

DRAWING

Beginning Drawing: Drawing What You See
This is a beginning class for those who would like some techniques and tips for drawing basic shapes and scenes. It will cover using the materials, “seeing like an artist”, creating dimension, creating space, showing light and shadow, and the importance of darks and lights (value) in your drawings. No previous drawing experience is necessary. Supplies: 2B & 4B pencils, kneaded eraser, hand sharpener, 9”x12” sketch pad. Instructor Jeanne Hamilton.

May 2 Sa 9:00am -2:30pm WAH 116
Code 8638 Course CS 136A $45

Drawing with your Whole Brain
Students will discover their talent and develop drawing skills using both left and right brain techniques to learn proportion, perspective and shading to render still life, landscape and figure. Minimum materials available for the first class. A list of materials will be emailed and more details about what you might wish to purchase will be provided during the first class. Suggested drawing pencils: 6B, 2B, HB or #2, 2H as a basics, eraser, Masonite or other light weight drawing board. Instructor Julie Szten.

Apr 18 - May 16 Sa 10:00am -1:00pm WAH 109
Code 8646 Course CS 138A $150

Zen Doodling II
If you love to create stunning, abstract art but have no artistic talent, this class is for you! Known among cancer patients and combat-exposed military for its meditative and stress-reducing effects, ZenDoodle is a satisfying and popular drawing technique that produces a distinct look now seen everywhere from fashion and interior design to commercial product design. Intended for - but not limited to - individuals familiar with or experienced in ZenDoodle (similar to ZenTangle), this class will explore more advanced drawing patterns and students will apply ZenDoodling concepts in completing classroom projects. Bring your pens and portfolios if you have them; instructor will provide all needed supplies and materials for students who do not have their own. Supply cost $12. Instructor Susan Alexander.

Apr 30 - May 21 Th 10:00am-12:00pm TEC 109
Code 8650 Course CS 137A $75

Registration begins February 18!
Please register no later than 24 hours before the beginning of a class.
**FIBER ART**

**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 multi-media, 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 mediums. 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 2 days prior to clinic with your choices. 5 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 $10 each scarf

**Beginning Silk Dyed Scarf with Wax Batik**: 1 session, supplies $15 each scarf

**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 Wall Painting**: 1 session, supplies $20 (session may run longer)

**Wet Felted/Silk Scarf**: 1 session, supplies $20

**Rainbow/Multi-layered Silk Ruffled Felted Scarf**: 2 sessions, supplies $40, wet felting experience helpful.

**April 1**
- W: Code 8641 Course CS 101F Centralia $30
- T: Code 8642 Course CS 101G Centralia $30

**April 7**
- T: Code 8642 Course CS 101G Centralia $30

**May 2**
- Sa: Code 8643 Course CS 101H Centralia $30
- Sa: Code 8644 Course CS 101J Centralia $30

**May 5**
- T: Code 8645 Course CS 101K Centralia $30

**June 2**
- T: Code 2601 Course CS 101A Centralia $30

**FIRST AID/CPR**

**First Aid & CPR Certification**

Emergency care of an injured or ill person to prevent death or further injury, relieve pain, and counteract shock until aid is obtained. Upon completion, students receive an American Heart Association card. This course includes certification for adult, child and infant First Aid, CPR and AED. No refunds will be given if you do not withdraw at least 24 hours before the start of class. Cost for each class is $60. Instructor Chris Layton.

**Mar 28**
- Code 8602 Course CE 207A HWC 106

**Apr 25**
- Code 8603 Course CE 207B

**May 16**
- Code 8601 Course CE 207C

**Jun 13**
- Code 8602 Course CE 207A

**FITNESS**

**Yoga**

This exercise class combines flexibility, muscular strength, endurance, and relaxation. Students will be encouraged to work at their own level of fitness. Bring a Yoga mat. Instructor Emily Parnham. No class 5/14.

**Mar 31 - Jun 4**
- TH: Code 8623 Course CS 129E HWC 200 $54

**Senior Adult Fitness (previously Cardiac Capri)**

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 Jana Dean, 360-748-6892. No class 5/25.

**Mar 30 - Jun 8**
- MWF: Code 8624 Course SNRC 090A HWC 200 $42

**Lifelong Learners 50+**

**Mar 30 - Jun 8**
- MWF: Code 8625 Course SNRC 090B HWC 200 $42

**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 5/25.

**Mar 30 - Jun 8**
- MWF: Code 8626 Course CS 129B HWC 200 $42

**Lifelong Learners 50+**

**Mar 30 - Jun 8**
- MWF: Code 8627 Course SNRC 090A HWC 200 $42

**Beginning-Advanced Tae Kwon-do**

Multi-level classes for men, women, and young adults (ages 16 and up) providing excellent exercise, body conditioning and mental discipline. Basic through advanced Karate techniques and forms required for advancement from white belt through black belt. Helps develop self-confidence, balance, and self-defense. Associated with Northwest Tae Kwon-do Association. Instructor Larry Grove. No class 5/25.

**Mar 30 - Jun 8**
- MW: Code 8618 Course CS 129A $54

**Lifelong Learners 50+**

**Mar 30 - Jun 8**
- MW: Code 8619 Course CS 129B $54

**Beginning-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 5/25.

**Mar 30 - Jun 8**
- MWF: Code 8620 Course CS 129B HWC 200 $42

**Intermediate**

**Mar 30 - Jun 8**
- Code 8621 Course CS 129C $42

**Advanced**

**Mar 30 - Jun 8**
- Code 8622 Course CS 129D $42

**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 5/25.

**Mar 30 - Jun 8**
- Code 8626 Course CS 129C $54

**Senior-Friendly T’ai Chi, Wu Style Level 2**

For students who have taken at least two quarters of Senior-Friendly T’ai 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 5/25.

**Mar 30 - Jun 8**
- Code 8627 Course CS 129C $54
**FLAGGER**

Flagger Training & Certification

Students are 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 work book, 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 $55. Instructor Rich Bunker.

Mar 21  T  6:30pm-8:30pm WAH 115
Code 8619  Course CS 102H $70

Mar 31 - May 5  T  7:00pm-8:30pm WAH 115
Code 8670  Course CS 102J $70

Apr 4  T  2:00pm-4:00pm TEC 109
Code 8651  Course CS 102C $75

May 9  T  2:00pm-4:00pm TEC 109
Code 8651  Course CS 102C $75

Jun 13  T  2:00pm-4:00pm TEC 109
Code 8651  Course CS 102C $75

**FORKLIFT**

Forklift Certification

This 8-hour course is designed to certify operators of sit-down counterbalance lift trucks, light, medium, and heavy duty. Students will have written and hands on testing. Cost for the class $140. If you are interested in Forklift Certification please call our office for more information, 360-736-9391 ext. 427.

**GARDENING**

Unique Planting and Gardening Techniques

During this lecture and workshop, we’ll discuss three unique planting methods that will help you get more from your garden or small farm. First we’ll discuss hugelkulture garden beds. We’ll talk about the do’s and don’t of building a hugelkulture bed, and what works well to plant in them. Then we’ll discuss how to build an herb spiral. It’s an effective way to plant your herbs in a way that benefits multiple species of herbs and spices so they can grow together in harmony. Last we’ll discuss no-till gardening by using seed balls, a technique that was developed by a Japanese farmer, Masanobu Fukuoka. At the end of the class, you’ll even get to make your own seed ball! Classes held at 3479 Centralia Alpha Rd., Onalaska. Instructor Chris Hodge.

Apr 18  Sa  10:00am-12:00pm Onalaska
Code 8696  Course CS 181H $50

May 16  Sa  2:00pm-4:00pm WAH 105
Code 8697  Course CS 181J $30

**HEALTH & WELLNESS**

Meditation and Self-Hypnosis

This course will present supporting modalities for meditation and hypnosis as it relates to assisting in clarity of mind, focus on achievement and assisting the body to heal. The expected outcome is a centered, balanced practice and outlook for the participant. Instructor Charles Nesmith.

Mar 31 - May 12  T  6:30pm-8:30pm WAH 113
Code 8640  Course CS 206A $70

**KNITTING**

Beginning Knitting

Casting on, yarn size, vocabulary and definitions of knitting terms, needle sizes, how to read patterns, styles of knitting and sewing garments together, these are just a few of the things you will learn in this class. Together with the instructor students will choose the class project. Supply kit includes needles, yarn and pattern. Supply cost $15-$20. Instructor Evelyn Baxter.

Mar 31 - May 5  T  2:00pm-4:00pm WAH 111
Code 8720  Course CS 102J $70

**MOSAICS**

Mosaics for the Garden

Bird houses, stepping stones, flower pots, light catchers, gazing balls. Every garden is a perfect setting for creative garden mosaics! They add interest, color, whimsy, and individuality and they’re fun to make. Students in this class will learn the basic techniques of mosaic art, then choose from a great selection of garden items to mosaic, all provided by the instructor, along with adhesives, grout, and tools. Students may also bring their own treasures to transform. All experience levels are welcome to come and work at their own pace; beginners are welcome! Supply cost $20. Instructor Susan Alexander.

Apr 30 - May 21  T  2:00pm-4:00pm TEC 109
Code 8651  Course CS 102C $75

**MUSIC**

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. Directed by Louie Blaser.

Mar 31 - Jun 2  T  7:00pm-9:00pm WAH 150
Code 8654  Course CS 163B $25

**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; 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. No class 5/25.

Mar 30 - Jun 1  M  7:00pm - 9:00pm WAH 150
Code 8653  Course CS 163A $25
**PAINTING**

*Four Basics of Successful Painting*

This class is designed for the intermediate artist who would like to increase the success of their paintings. Students will learn the importance of these four elements of art: proportion (shape), space, value and color. You may use acrylic, oil, watercolor, gouache or pastel in the color portion. This is not a class on how to use your paints so some experience is necessary. Most of class will be exercises in pencil but these will lead to paintings. The last class will put concepts into a painting. Supply list will be mailed. Instructor Jeanne Hamilton.

- **Apr 9 - Apr 30** Th 6:15pm-7:45pm WAH 116
  - Code 8639 Course CS 136B $30

**PHOTOGRAPHY**

*Photo Preservation and Restoration*

Have you recently inherited a shoe box full of old photos? Do you know what to do with them? This course will provide you with the basic knowledge and tools that you will need to save and share your favorite photos, negatives, and slides. In one 3-hour lecture, we will discuss the process of preserving your images, both physically and digitally. We will also discuss how to digitally restore (or “fix”) and share your images. Bring a note pad. Instructor Lindsay Hodge.

- **May 23** Sa 10:00am - 1:00pm WAH 212
  - Code 8647 Course CS 121A $30

*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, then this is the class for you! Nikon, Cannon, 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 how to choose a setting based on lighting and occasion. Other topics include photography terminology, how to find a user manual if yours gets lost or damaged, 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.

- **April 25** Sa 10:00am-12:00pm WAH 113
  - Code 8648 Course CS 121B $30

**SCARF DYING**

*Silk Scarf Dying – Rochester*

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

- **Apr 21** T 6:30pm - 9:00pm Rochester
  - Code 8702 Course CS 101V $30
- **May 12** T 6:30pm - 9:00pm Rochester
  - Code 8703 Course CS 101W $30
- **Jun 2** T 6:30pm - 9:00pm Rochester
  - Code 2610 Course CS 101D $30

**SCIENCE**

*Bigfoot Solved*

Proving the legal and scientific cases for a new giant ape species in the Pacific Northwest. This course will prove the existence of Bigfoot beyond a reasonable doubt. With newly discovered forensic dental evidence and a very large collection of contemporary science, this course will create the atmosphere for a scientific inquiry under courtroom conditions. Students will become jurists in the search for truth by maintaining a unique courtroom “Scientific Inquiry” Evidence Assessment Instrument from which they will render a verdict. Instructor Mitchel Townsend.

- **Apr 4, 8 May 2, 16, 30** Sa 11:00am - 1:00pm WAH 103
  - Code 8637 Course CS 227A $5

**SIGN LANGUAGE**

*American Sign Language I*

This beginning ASL course will educate students with a brief history of the origin of American Sign Language and Deaf Culture, as well as provide them a strong basic vocabulary of signed words and phrases. Students will be given opportunities for in-class signing assignments and practice, and also offer an agenda of community events for student participation. Students will be expected to attend at least one community event during the quarter. In-class participation is a MUST. Students will need pens/pencils, notebook paper and a 1”to 3”-ring binder and the textbook: “Talking with Your Hands, Listening with Your Eyes” widely available online. Instructor Julie Lobaugh.

- **Mar 31 - Jun 2** T 6:00pm-8:00pm WSC 111
  - Code 8652 Course CS 238A $50

**SOCIAL MEDIA**

*Facebook for Everyone*

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

- **Apr 4, 18, May 2, 16** Sa 9:00am - 10:30am WAH 209
  - Code 8636 Course CS 151A $20

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

Stained Glass – Lead & Foil

Learn all the techniques to make and complete your first stained glass panel. Class covers selecting design, leading basics, soldering, and finishing techniques. Equipment provided by the instructor. Students will purchase their supplies from the instructor at class. Glass supplies will cost approximately $100-$120, payable to the instructor. Class held at 18245 Irwin St SW, Rochester. Call for directions 360-273-6562. Please bring a fine or medium black sharpie to class. Students may bring a sack lunch or snack to the day classes. Instructor Karen Milton.

Day class:
Mar 25 - Apr 22 W 11:00am - 2:00pm Rochester
Code 8670 Course CS 102D $107
Lifelong Learners 50+
Code 8671 Course SNRC 081J $54
Apr 29 - May 27 W 11:00am - 2:00pm Rochester
Code 8672 Course CS 102E $107
Lifelong Learners 50+
Code 8673 Course SNRC 081K $54
Jun 3 - Jul 1 W 11:00am - 2:00pm Rochester
Code 2604 Course CS 102A $107
Lifelong Learners 50+
Code 2605 Course SNRC 081A $54

Evening class:
Mar 26 - Apr 23 Th 6:00pm-9:00pm Rochester
Code 8676 Course CS 102F $107
Lifelong Learners 50+
Code 8677 Course SNRC 081L $54
Apr 30 - May 28 Th 6:00pm-9:00pm Rochester
Code 8678 Course CS 102G $107
Lifelong Learners 50+
Code 8679 Course SNRC 081M $54
Jun 4 - Jul 2 Th 6:00pm-9:00pm Rochester
Code 2606 Course CS 102B $107
Lifelong Learners 50+
Code 2607 Course SNRC 081B $54

Stained Glass Workshops

Beginners Welcome! One day workshops are a great way to “sample” stained and fused glass and create a project to keep or give as a gift! Material cost listed below is for each piece created. Supplies: Cutter, Grozier, Sharpie, bring supplies if you have them, otherwise will be provided. Class held at 18245 Irwin St SW, Rochester. Instructor Karen Milton.

Dragon Fly (free standing) ($10 - $20)
Apr 20 - Apr 22 M W 6:00pm - 9:00pm Rochester
Code 8682 Course CS 1010 $35

Fused Name Sign ($20-$25)
Apr 11 Sa 10:00am - 2:00pm Rochester
Code 8685 Course CS 1011 $35

Fused Flowers ($10)
Apr 10 F 6:00pm-9:00pm Rochester
Code 8686 Course CS 101S $35

Fused Flowers ($10)
Jun 10 W 6:00pm-9:00pm Rochester
Code 8687 Course CS 101T $35

Windchimes ($15-$25)
Apr 13 - Apr 15 M W 6:00pm - 9:00pm Rochester
Code 8683 Course CS 101P $35

Fused Handkerchief Vase ($10-$15)
May 6 W 6:00pm - 8:00pm Rochester
Code 8688 Course CS 101Q $20

Fused Handkerchief Vase ($10-$15)
Jun 8 M 6:00pm - 8:00pm Rochester
Code 2608 Course CS 101C $20

SENIOR COLLEGE

Centralia College offers courses through Senior Center outreach sites in Lewis County. Classes range from fitness to drawing and painting to computer skills. Please contact the site directly for information on available classes.

Morton Senior Center 103 Westlake Ave • Morton • 360-496-3230

Olequa Senior Center 119 NW Kerron • Winlock • 360-785-4325

Packwood Senior Center 12931 Hwy 12 • Packwood • 360-494-6331

Toledo Senior Center 150 Coal Street • Toledo • 360-864-2112

Twin Cities Senior Center 2545 North National • Chehalis • 360-748-0061
Notice of nondiscrimination

Centralia College provides equal opportunity and access in education and employment and does not exclude, deny benefits to, or otherwise discriminate against any person on the basis of race, ethnicity, creed, color, sex, gender, citizenship status, national origin, age, marital status, religious preference, the presence of any sensory, mental, or physical disability, reliance on public assistance, sexual orientation, veteran status, political opinions or affiliations, or genetic information under any of its programs, activities and services. The College complies with all Washington State anti-discrimination laws (RCW 49.60) and the following federal laws relating to equal opportunity: Title VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans with Disabilities Act (ADA) of 1990.

The following person has been designated to handle inquiries regarding non-discrimination, equal opportunity, affirmative action or the ADA policies: Vice President of Human Resources and Legal Affairs, 600 Centralia College Blvd, Centralia, WA 98531, 360-736-9391, ext. 285, 360-807-6227/TTY. For Title IX/504 compliance, contact: Vice President Human Resources and Legal Affairs at the same number.
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.

Please use the following options to register for the below classes.
- Mail in registration to Centralia College Office of Admissions and Records.
- Phone in using a credit card by calling (in Morton) 360-496-5022 or 360-736-9391, ext. 380.
- Walk in registration at the CC East Branch campus in Morton.

**MORTON – SPECIAL INTEREST**

**Better Bones and Balance**
- 7125 ASI 015R (1) 8:30-9:20am TTh MOR 108 Cooper
  Reap the benefits OSU Bone Research studies have shown: 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 I – For the Fearful**
- 7127 ASI 020R (1) 8:30-11am TTh MOR 112 Burres
  If computers intimidate you, this is the class for you! 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.

**Computers II**
- 7128 ASI 021R (1) 8:30-11am TTh MOR 112 Burres
  Become familiar with the Windows Help system, My Computer, Control Panel and other exciting features of the operating system. Prerequisite: Computers I - For the Fearful. Class fee $27.

**Introduction to Digital Cameras**
- 7129 ASI 025R (2) 8:30-11am TTh MOR 112 Burres
  Learn how to: download, rename, and organize digital images; apply basic image retouching, resizing and color balance; insert images into a Power Point presentation for displaying on the computer and/or overhead display. Class fee $53.

**Natural History of Mount St. Helens**
- 8247 ASI 046S (2) 6-9pm W MOR 108 Burres
  In depth training on the ecology, geology, and history of Mount St. Helens, including the 1980 eruption, biological recovery, local ecology, wildlife tracking, bird and plant identification, social impacts of the eruption, and geology. The course is taught in partnership with the Mount St. Helens Institute as part of their Volcano Naturalist Curriculum. Class fee $40.

**Foreign Film Festival**
- 7130 ASI 050R (2) 11am-2:30pm F Roxy Cantin
  Discover and explore the art of film. Eight films from various parts of the world will be shown with instructor-led discussions following each film.

**Art Exploration**
- 7131 ASI 050RR (2) 1-2:50pm MW MOR 101 Cantin
  Discover and explore works of art through slide lectures, seminars, and creative hands-on art activities. Designed for adults of all artistic abilities and experience. Class fee $51.

**MORTON – BUSINESS MANAGEMENT**

**Microsoft Excel – Brief**
- 7632 SMGT 120R (2) 1-3pm Th 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 $43.13.

**Introduction to Bookkeeping II**
- 8237 SMGT 156S4 (3) 5:30-7pm TTh MOR 110 Langrell
  Accounting theory as applied to bookkeeping systems of small business including the completion of the accounting cycle. Prerequisite: SMGT 152. Class fee $63.13.

**Computer Keyboarding**
- 7633 SMGT 157R (2) 11am-1pm TTh MOR 112 Cantin
  Beginning keyboarding. Upon completion of this class, students should be able to type at 20 wpm. Class fee $43.13.

**Quickbooks**
- 7635 SMGT 161S4 (4) 5:30-7:50pm MW MOR 112 Langrell
  +3 hours/week TBA
  Courseware incorporates a step-by-step, project-based approach to creating a company, working with customer, vendor and banking transactions along with inventory, payroll, and balance sheet accounts. Use quick learning tutorials for audio instruction. Class fee $83.13.

**Microsoft Word**
- 7636 SMGT 197R (3) 1-3pm T MOR 112 Cantin
  Courseware incorporates a step-by-step, project-based approach to develop competency in Microsoft Word learning 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 $63.13.

**Microsoft PowerPoint**
- 8298 SMGT 298R (3) 11:30am-1:30pm Th MOR 112 Cantin
  Courseware incorporates an accelerated, step-by-step, project-based approach, to develop competency in Microsoft PowerPoint learning to create, edit, and format professional presentations using tables, graphics, sound, animation, Smart Art and other common features. Class fee $63.13.

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NEW at Centralia College!

Chemical Dependency Professional Program

Train at Centralia College for a rewarding career in alcohol and drug rehabilitation.

Certified Chemical Dependency Professionals are needed locally and across the state in treatment facilities, probation and corrections offices, mental health agencies, and prevention programs. Jobs are waiting for you!

Get Started NOW!  www.centralia.edu

Workforce Education • 360-736-9391, ext. 427