### Accounting

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td><strong>Practical Accounting I</strong></td>
<td>15684</td>
<td>ACCT 110A5</td>
<td>MTWTh</td>
<td>Virtual</td>
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<tr>
<td><strong>Prin of Accounting I (AE)</strong></td>
<td>15687</td>
<td>ACCT&amp;201A3</td>
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<td>WAH 109</td>
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<td>15688</td>
<td>ACCT&amp;201B1</td>
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### American Sign Language

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<th>Section</th>
<th>Time</th>
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<tr>
<td><strong>American Sign Language I (H)</strong></td>
<td>14289</td>
<td>ASL&amp; 121A3</td>
<td>TTh</td>
<td>WSC109</td>
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<tr>
<td><strong>American Sign Language I (H)</strong></td>
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<td>ASL&amp; 121B3</td>
<td>TTh</td>
<td>WSC109</td>
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### Anthropology

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<tr>
<td><strong>Survey of Anthropology (D) (SS)</strong></td>
<td>14283</td>
<td>ANTH&amp;100A1</td>
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<td>ANTH&amp;206A1</td>
<td>MTWTh</td>
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### Art

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<thead>
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<th>Location</th>
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<tr>
<td><strong>Art Appreciation (D) (H)</strong></td>
<td>14286</td>
<td>ART&amp; 100A3</td>
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<td><strong>Art Appreciation (D) (H)</strong></td>
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<td>31790</td>
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</table>
Drawing I (H)
14277 ART 102A3 (5) 1-2:50pm MW WAH 108 Frey +1 hours/week TBA
An introduction to the fundamentals of drawing. Emphasis is placed on exploration of materials, observational study and technique development. Lectures on historical and contemporary artists provide cultural context for student work. No prior drawing experience necessary. Lab fee $9.33. Low Cost Textbook

Drawing II
14284 ART 103A3 (5) 1-2:50pm MW WAH 108 Frey +1 hours/week TBA
Intermediate level study of the fundamentals of drawing: composition, technique and manipulation of materials, exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Prerequisite: ART 102 or instructor permission. Lab fee $9.33. Low Cost Textbook

2D Design (H)
14264 ART 110A3 (5) 1-3:50pm MW WAH 116 Solomon Learn and utilize the principles of two-dimensional design and its application on a two-dimensional plane through lecture and studio practice. Lab fee $40. Low Cost Textbook

Digital Photography (H)
14272 ART 174A3 (5) 12-12:50pm MW WAH 209 Solomon +3 hours/week TBA
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 $85. Low Cost Textbook

Art History: Ancient (D) (H)
14268 ART 200A3 (5) 11-11:50am MTWTh WSC 110 Frey +2 hours/week TBA
A survey of the development of art in Europe, the Near East and Asia from prehistoric times through the 14th century CE. The course will explore developments in architecture, painting, sculpture and other art forms. Students will attend class sessions online at set times and days. OER course: No textbook to purchase.

ASTRONOMY

The Solar System & the Universe (NS)
14297 ASTR 127AP1 (5) Online Garcia Brief overview of the history and scope of astronomy, followed by a systematic study of the solar system, stars, galaxies, and the universe. Prerequisite: one year HS algebra or MATH 098.

BIOLOGY

General Biology w/Lab (NS)
14323 BIOL & 160AP1 (5) Online Hammon Surveys the structures and functions of cells and organisms. Explores basic genetic and evolutionary processes. Outlines the characteristics of life, its history, and biodiversity. Lab fee $18.46. OER course: No textbook to purchase.

Human Biology (NS)
14317 BIOL & 170AP1 (5) Online Jewell 14318 BIOL & 170BP1 (5) Online Jewell Presents the structure, organization, and life functions of the human; cells, tissues, and organ systems; development from embryo to adult; aging and disease; human evolution and ecology. Low Cost Textbook

Human Biology Lab (AE)
14314 BIOL & 172A1P1 (5) 1-2:50pm Th WSC 314 Jewell Investigate the structure and function of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, immune, respiratory, digestive, urinary, and reproductive systems. Prerequisite: BIOL & 170. Lab fee $18.46.

Majors Ecology/Evolution (NS)
14755 BIOL & 221A3 (5) 11-11:50am M WSC 121 Carson +3 hours/week TBA
14757 221B3L 1-2:50pm T WSC 307 Carson
14758 221C3L 9:30-11:20am W WSC 307 Carson
14760 221D3L 1-2:50pm W WSC 307 Carson L
Eco110104130y, prevention and control of environmental problems. First course in a three-quarter series (BIOL & 221, 222, 223). Prerequisite: HS biology or BIOL & 160 and MATH 098 or equivalent. Lab fee $20.96. This class is a combination of virtual and face to face with the instructor on campus at required dates/times.

Human A & P 1 (NS)
14325 BIOL & 241A3 (5) 12-12:50pm MTWTh WSC 121 Norton
14326 241A3L 2-3:50pm T WSC 314 Norton
14425 241B3L 4-5:50pm T WSC 314 Norton
14485 241C3L 2-3:50pm W WSC 314 Norton
14486 241D3L 4-5:50pm W WSC 314 Norton
Investigate interactions between structures and functions essential for human health. Levels include macromolecules, membranes and the cell, tissues, integument, skeleton and articulations, skeletal muscles, nerves, and central nervous systems. First quarter of a two-quarter sequence. Prerequisite: HS biology and chemistry or BIOL & 160 or BIOL & 170 and CHEM & 121. Lab fee $18.46.

BUSINESS ADMINISTRATION

Intro to Business (AE)
15919 BUS & 101A5 (5) 10-10:50am MWF Virtual McClain +2 hours/week TBA
Introduction to the world of business. Emphasis will include functions of business, management, types of business ownership, human resources, production, marketing, ethics, and the role of accounting.

Business Law (AE)
15924 BUS & 201A5 (5) 8-8:50am MWF Virtual Newman +2 hours/week TBA
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. Low Cost Textbook

Human Resource Mgmt
15941 BUS 203AP1 (5) Online King 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. Prerequisite: BUS & 101, college level reading and writing.

Principles of Finance
15937 BUS 215AP1 (5) Online Crawford A broad survey of the field of Finance. Topics include: interest rate theory, financial statement analysis, time value of money, and building stock and bond portfolios. Managerial finance is also studied. Prerequisite: ACCT & 201 or ACCT 200 or permission.

Marketing
15939 BUS 220AP1 (5) Online McClain +2 hours/week TBA
A broad overview of the market structure and marketing philosophies currently being used in business. Includes a description, analysis, and evaluation of the marketing system. Each student will conduct a marketing research project.
Keyboarding for Business
- 15994 BTEC 101A3 (3) 9-9:50am MTWTh WAH 207 O'Hem
- 19086 BTEC 101B3 (3) 12-12:50pm MTWTh WAH 207 O'Hem
For students without keyboarding skills. Develop speed to 25 wpm by touch. Develop speed, accuracy, and basic word processing techniques for letters, reports, and tables. Low Cost Textbook

Keyboard Skillbuilding I
- 15967 BTEC 102A (3) 9-9:50am MTWTh WAH 207 O'Hem
- 19086 BTEC 102B3 (3) 12-12:50pm MTWTh WAH 207 O'Hem
Individualized program for improving keyboarding techniques and increasing speed and accuracy. Upon course completion, students should be able to type at a minimum of 35 wpm with one error per minute. Prerequisite: BTEC 101 and typing speed of 25 wpm or instructor permission. Low Cost Textbook

Electronic Medical Records
- 15708 BTEC 107A1 (1) Online O'Hem
Provides an overview of medical records as legal documents. Topics include the make-up of an electronic medical record, charting methods, patient scheduling, privacy, and administrative management.

Applied Business Math
- 15712 BTEC 120A3 (5) 10-10:50am Daily WAH 115 Crawford
- 32234 BTEC 120B5 (5) 10-10:50am Daily Virtual Crawford
Fundamental arithmetic skills applied to a wide range of business activities. Topics include: banking, discounts, payroll, simple interest, compound interest, present value, annuities, amortization, and depreciation. Textbook: Contemporary Business Mathematics for Colleges, by Robert Brechner. Prerequisite: IT 117, typing speed of 35 wpm or instructor permission.

Cooperative Work Experience
- 15777 BTEC 190A1 (1-12) Online Lazo
This course 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. Prerequisite: current or prior enrollment in BTEC 191 or instructor signature. Low Cost Textbook

Work Experience Seminar
- 15781 BTEC 191A1 (1) Online Lazo
Discussion topics include professional image, business etiquette, sexual harassment, resolving conflict, and diversity in the workplace. Must be taken prior to or concurrently with Cooperative Work Experience. Low Cost Textbook

Word 1
- 15893 BTEC 210A3 (5) 12-12:50pm MTWTh WAH 205 Lazo
+2 hours/week TBA
- 15898 BTEC 210B1 (5) Online Lazo
- 16029 BTEC 210RP1 (5) Online Cantin
Course covers Microsoft Word in depth: document preparation, formatting, graphics, WordArt, SmartArt, tabs, columns, sorting, mail merge, styles, Quick Parts, headers/footers, references. Students will format documents to business standards. Prerequisite: IT 117, typing speed of 35 wpm, instructor permission.

Access I
- 16043 BTEC 212RP1 (5) Online Cantin
An introduction to Microsoft Access. Students will learn basic concepts of database software and be able to integrate Access with Word and Excel. Prerequisite: keyboard speed of 30 wpm, BTEC 210, BTEC 214 or instructor permission.

Excel 1
- 15912 BTEC 214A3 (5) 9-9:50am MTWTh WAH 205 Lazo
- 15914 BTEC 214B1 (5) Online Cantin
+2 hours/week TBA
- 16040 BTEC 214RP1 (5) Online Cantin
This course is a hands-on approach for beginning through intermediate level applications of Excel spreadsheet using a variety of business applications. Students will learn formulas, charts, formatting, and management of Excel files. Prerequisite: IT 117, typing speed of 35 wpm, instructor permission.

Desktop Publishing
- 16048 BTEC 218RP1 (4) Online Cantin
This course covers terminology, concepts, and tasks related to desktop publishing. Students will plan, create, and design publications for business and personal use. Prerequisite: IT 117, BTEC 210, typing speed of 35 wpm or instructor permission.

Word 2
- 16046 BTEC 219RP1 (5) Online Cantin
This course covers advanced Microsoft Word features such as: linked textboxes, outlines, multilevel lists, sections, translator, AutoCorrect, Building Blocks, Quick Parts, macros, bibliographies, citations, footnotes, endnotes, formal reports, table of contents, indexes, and fill-in forms. Prerequisite: BTEC 210.

Ten-Key Calculator
- 16052 BTEC 220RP3 (1) CANCELED Cantin
Touch control of the 10-key calculator with emphasis on speed and accuracy. Complete business calculations using the function keys. Business Math recommended first. Computer Lab is available from 10am to 3pm on Fridays. Class meets 10/1-11/5. Lab fee $7.15.

Microsoft Office-PowerPoint Module
- 16053 BTEC 222RP1 (1) Online Cantin
Class covers PowerPoint in depth: presentations, formatting, graphics, charts, design, and appropriate visual elements for professionals. Prerequisite: IT 117, typing speed of 35 wpm or instructor permission. Computer Lab is available from 10am to 3pm on Fridays.

Records Management
- 15714 BTEC 233A3 (5) CANCELED O'Hem
+1 hour per week
- 31980 BTEC 233B1 (5) Online O'Hem
Principles and procedures of effective records management for physical and electronic systems. Practice in indexing, coding, and filing for alphabetic, numeric, subject, and geographic systems. Introduction to laws, regulations, security risks and e-discovery.

Medical Terminology
- 15717 BTEC 260A3 (4) CANCELED O'Hem
Development of a medical vocabulary with emphasis on definition and spelling. Upon completion of this course students should be able to recognize spoken medical terms, analyze word parts for meaning, and understand basic medical terminology.

Chemical Dependency
- 14537 CDP 100A5 (5) 10-11:50am MW Virtual Rabe
Introduction to the field of chemical dependency counseling. Topics include theories surrounding the etiology of addiction, basic psychopharmacology, Federal and State regulations, introduction to prevention, intervention, assessment, treatment planning and case management.

CDP Law and Ethics
- 14540 CDP 120A5 (4) 1-2:50pm TH Virtual Rabe
Contemporary legal and ethical issues in chemical dependency counseling including professional and peer relationships, boundaries, NAADAC code of ethics, multiple relationships and values in the counseling relationship and laws surrounding counseling including confidentiality and HIPAA. Prerequisite: CDP 100 with 2.0 or higher or instructor permission.

Counseling Adolescents
- 14545 CDP 140B1 (3) Online Starloff
An overview course covering the Bio-Psycho-Social factors associated with adolescent substance use, misuse, and dependency. Topics: Adolescent brain development; cultural implications in adolescent substance use; screening, assessment, and diagnosis. Prerequisite: CDP 100 and PSYCY 200 or instructor permission.
Cultural Diversity
14546 CDP 230AP1 (3) Online Rabe
Designed to explore self-awareness and improve knowledge and skills of cultural diversity professionals while working with clients from diverse cultural backgrounds. Prerequisite: CDP 100 with a 2.0 or higher or instructor permission.

Chemistry

Chemical Concepts w/ Lab (NS)
14336 CHEM&110AP1 (5) 10-10:50am MTWTh WSC 110 Sprafka
Survey course of basic chemical principles and the real world applications of chemistry. Meets NS distribution. Not intended for Allied Health or general chemistry prep. Will be offered with various themes. Math 096 prerequisite. Lab fee $27.69. Low Cost

Introduction to Chemistry (NS)
14780 CHEM&121A3 (5) 11-11:50am MTWTh WSC 204 Sprafka
Survey course of basic chemical principles and the real world applications of chemistry. Meets NS distribution. Not intended for Allied Health or general chemistry prep. Will be offered with various themes. Math 096 prerequisite. Lab fee $27.69. Low Cost

Problem Solving in Chemistry
14330 CHEM 159A3 (1) 10-10:50am F WSC 206 Goodwin

Chemistries

Research in Chemistry (AE)
14331 CHEM 270A3 (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. Lab fee $13.85. Low Cost

Chinese

Chinese I (D) (H)
14376 CHIN&121A2 (5) 11-11:50am Daily Virtual Wynder
Learn the fundamental skills of listening comprehension, speaking, and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture.

Chinese IV (H)
14377 CHIN& 221A3 (5) CANCELED Wynder
Continued study of the fundamental skills of listening comprehension, speaking, and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture. Prerequisite: CHIN& 123 or instructor permission.

Commercial Drivers

Commercial Truck Driving
14603 CDL 100A (12) ARR ARR ARR ARR ARR ARR McKinley
This course is designed to prepare students to take the State of Washington test necessary to obtain a Commercial Driver License for the professional truck driving industry. Prerequisites: 18 years of age or older; pass Federal Department of Transportation health and drug screening; valid Washington state driver license; no DUI, hit and run, reckless, or negligent infractions within the past five years; have no more than three moving violations in the past three years. Lab fee $3,100. Low Cost

Communication Studies

Intro to Mass Media (H)
14837 CMST&102A3 (5) 11-11:50am Daily WAH 115 Fisher
14838 CMST&102BP1 (5) Online Fisher
A survey of the mass media in America: newspapers, magazines, books, recorded music, radio, television, motion pictures, the World Wide Web: with an emphasis on structure, function, audience, content, effect and social responsibility.

Public Speaking (H)
14867 CMST&220A3 (5) 9-9:50am Daily WAH 103 McQuarrie
14868 CMST&220B3 (5) 10-10:50am Daily WAH 103 McQuarrie
16013 CMST&220R5 (5) 10am-12:20pm MOR 108 Kreilkamp
14869 CMST&220C1P1 (5) Online McQuarrie
14870 CMST &220EP1 (5) Online McQuarrie
Apply methods for managing speech anxiety, holding attention and making points in a variety of public speaking situations, including techniques for being credible and ethical. Communication theories and interpersonal skills also studied. Section R3 will meet one day/week via Zoom and one day in person. Low Cost

Intercultural Communication (D) (H)
14832 CMST 250A3 (5) 8-9:50pm F WSC 206 Seabert
Students will explore the dynamics of intercultural communication; how various situations, language usage, nonverbal style, gender, class, and values influence face-to-face communication among individuals of different cultures; and strengthen communication skills.
COMMUNICATIONS

Dragon Naturally Speaking
14871 COMM 100AP1 (2)  Online  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. Low Cost Textbooks

CRIMINAL JUSTICE

Intro to Criminal Justice (AE)
14806 CJ & 101A3 (5) 10-10:50am MTWTh WAH 105 Gilbertson
- Examines local, state and Federal law enforcement agencies and the judicial and correctional systems. Career opportunities and qualifying requirements are studied. Lab fee $15.31.

Constitutional Case Law
14418 CJ 103A3 (5) 11-11:50am MTWTh WAH 103 Gilbertson +1 hour/week TBA
- Examines the Constitution and Bill of Rights in relation to law enforcement, the judiciary, and corrections. Defines guilt-laden facts, reasonable suspicion, and probable cause. Lab fee $14.86.

Intro to Law Enforcement (AE)
14821 CJ 104A1 (5)  Online  Belden
- A broad survey of the theories, procedures and methods of police operations studied. Also examines police discretionary powers, career opportunities, and trends in law enforcement. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $14.86.

Intro to Corrections (AE)
14811 CJ & 105A3 (5) 12-1:50pm TTh WAH 109 Gilbertson +1 hour/week TBA
- A broad survey of the history and evolution of adult and juvenile correctional models in America. All forms of incarceration and restrictive custody are studied. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $14.86.

Criminology (AE)
14825 CJ & 112A1 (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
14819 CJ 116AP1 (5)  Online  Belden
- Community corrections, alternative sentencing, probation and diversion concepts studied. Explores technology innovations pertaining to community supervision. Pre/corequisite: CJ& 101 or instructor permission.

Homicide Investigation
14426 CJ 126A3 (5) 12-1:50pm MW WAH 109 Gilbertson +1 hour/week TBA
- Tactics, procedures, and forensic techniques of homicide investigation are examined. Various tools and processes systematically employed to identify, arrest, and convict perpetrators are studied. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $14.44.

DIESEL EQUIPMENT TECHNOLOGY

Mobile Electrical Systems II
14359 DET 200A5 (7) 7-7:50am WTh TEC 133 Staff
- Students will examine electrical components and electronic systems. This course will cover electronic control modules and advanced direct current troubleshooting. Prerequisite: DET 110 or instructor permission. Lab fee $85.69.

Internal Combustion Engines II
14361 DET 220A5 (7)  WTh  TEC 133/135 Dunn
- This course will cover diesel engine analysis and testing for optimal performance and longevity. Students will perform live engine testing, troubleshooting, and repairs. Prerequisite: DET 110 or instructor permission. Lab fee $85.69.

DRAMA

Introduction to Theater (H)
14873 DRMA&101A3 (5) 10-10:50am MTThF WAH 113 Kreilkamp +1 hour/week TBA
- Overview of theatre as an art form with emphasis on the play in production and the roles of various theatre artists. Students are expected to attend two plays during the quarter at their own expense.

Beginning Acting (H)
14872 DRMA 107A3 (5) 11am-12:50pm TTh WAH 150 Kreilkamp
- Introduction with emphasis on concentration, characterization, and improvisation. Students will be expected to attend two plays during the quarter at their own expense. Low Cost Textbooks

Dramatic Performance (H)
17844 DRMA 115AP1 (5) Online  Kreilkamp
- 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. Low Cost Textbooks

ECONOMICS

Microeconomics (SS)
14876 ECON&201A3 (5) 9:30-11:20am MW WSC 111 Rodriguez L
14877 ECON&201B3 (5) 11:30-1:20pm MW WSC 111 Rodriguez L
- Microeconomics is the study of households and firms and how they interact in markets under varying degrees of competition. OER course: No textbook to purchase.

Macroeconomics (SS)
14874 ECON&202A3 (5) 1:30-3:20pm MW WSC 108 Rodriguez L
- Macroeconomics is the study of how any system allocates limited resources to meet unlimited wants. Major concerns of macroeconomic policy are: inflation, full employment, national income accounting, fiscal policy, the money supply and trade. OER course: No textbook to purchase.

EDUCATION

Guiding Behavior
7722 EDUC&130A3 (3) 4-5:40pm T WAH 146 Kirkpatrick/Spain +1 hours/week TBA
7681 EDUC&130AS1 (3) CANCELED Price
29133 EDUC&130BP1 (3) Online Spain
- 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. Online section AS1 meets 9/23 – 12/2. Low Cost Textbooks

Child, Family, Community
7740 EDUC&150A3 (3) 2-3:40pm Staff WAH 146 Staff
31972 EDUC&150BP1 (3) Online Kreilkamp
- Integrate the family and community contexts in which a child develops. Explore cultures and demographics of families in society, community resources, strategies for involving families in the education of their child, and tools for effective communication. Low Cost Textbooks
Intro to Ed w/Field Experience
7743 EDUC&205A3 (5) 12-1:40pm T WAH 115 Spain
An overview of education in America including history, purpose, philosophies, characteristics, social aspects and current issues. Exploration of teaching as a profession in the K-12 system. Includes 30 hours in K-12 classroom. Lab fee $18.19.

EDUCATION-EARLY CHILDHOOD

Intro Early Child Ed (SS)
7699 ECE&D105A3 (5) 2-3:40pm T WAH 146 Kirkpatrick
Explore the foundations of early childhood education. Examine theories defining the field, issues, trends, best practices, and program models. Observe children, professionals and programs in action. Lab fee $25. This course includes 33 hours of field experience and requires a background check, TB test, and proof of MMR.

Practicum-Nurturing Relationships
7718 ECE&D120AP1 (2) CANCEL Kirkpatrick
In an early learning setting, engage in establishing nurturing, supportive relationships with all children and professional peers. Focus on children's health and safety, promoting growth and development, and creating a culturally responsive environment. Lab fee $12. This course includes 33 hours of field experience and requires a background check, TB test, and proof of MMR. Low Cost Textbooks

Infant/Toddler Care
7720 ECE&D132AP1 (3) Online Spain
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. Low Cost Textbooks

Family Child Care
7674 ECE&D134AW1 (3) Online Staff
Learn how to manage a family childcare program. Topics include: licensing requirements, record-keeping, relationship building, communication strategies, guiding behavior, and promoting growth and development. Class meets 9/23 – 12/2. Low Cost Textbooks

Home Visiting & Family Engagement
7676 ECE&D134AW1 (3) Online Staff
Plan and provide home visits and group activities. Promote secure parent-child relationships. Support families to provide high-quality early learning opportunities embedded in everyday routines and experiences. Class meets 9/23 – 12/2. Low Cost Textbooks

Administration of ECE
7678 ECE&D134AW1 (3) Online Staff
Develop administrative skills required to develop, operate, manage and improve early childhood education and care programs. Acquire basic business management skills. Explore resources and supports for meeting Washington State licensing and professional NAEYC standards. Class meets 9/23 – 12/2. Low Cost Textbooks

Electronics/Robotics

Digital Electronics
14521 ERA 212A5 (4) 3-4:50pm TTh lab 212A3L 2-2:50pm TTH Lab ERA 212A5 Lab B 2-2:50pm TTh Staff
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. Prerequisites: MATH 115, ERA 115. Lab fee $29.61.

ENERGY TECHNOLOGY

Plant System Boilers
32505 PPO 201A5 (5) 12-2:00pm W TEC 159 Steidel
Provides a background in power boilers, boiler systems & equipment, an introduction to the safe operation, maintenance & control of boilers. Prerequisite: PPO 102.

ENGINEERING

Introduction to Engineering
17849 ENGR 100A3 (2) 11-11:50 TTh WSC 108 Thearetpson
Introduction to the various fields and careers of engineering. Topics will include: educational planning and transfer issues; problem solving, engineering design, teamwork, and communication skills. Low Cost Textbooks

Mechanics of Materials (AE)
14903 ENGR&225A (5) 9-9:50am Daily WSC 108 Thearetpson
The last of a three-course sequence. Includes the study of stress, strain, deflection in beams, columns, machine and structural members. Includes bending moments, shear, torsion, deformation, unsymmetrical bending, and eccentric loading. Prerequisite: ENGR& 214.

ENGLISH

Writing & Grammar Review
15719 ENGL 098A3 (1-5) 9-9:50am MTW WSC 211 Burr
This is a bucket class.
15725 ENGL 098B3 (1-5) 1-2:20pm T WSC 108 Burr
This is a bucket class
15755 ENGL 098N3 (1-5) 5:30-7:20pm TTh Shriver T
This is a bucket class. Low Cost Textbook.

Fundamentals of English
15723 ENGL 099A3 (1-5) 9-9:50am MTW WSC 211 Burr
This is a bucket class.
15728 ENGL 099B3 (1-5) 1-2:20pm T WSC 108 Burr
This is a bucket class.
15715 ENGL 099C3 (1-5) 11-1:50am MTW WSC 109 Burr
15793 ENGL 099N3 (1-5) 5:30-7:20pm TTh Shriver T
This is a bucket class. Low Cost Textbook.

Vocabulary I
15144 ENGL 099N3 (1-5) 5:30-7:20pm MW Shriver
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. Low Cost Textbooks

Vocabulary II
15145 ENGL 099N3 (1-5) 5:30-7:20pm MW Shriver
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. Low Cost Textbooks

Vocabulary Dev III
15746 ENGL 099N3 (1-5) 5:30-7:20pm TTh Shriver T
Course provides a systematic study of college level academic words and their roots, prefixes, and suffixes to increase proficiency in oral and written comprehension and communication. Class meets face to face Thursday ONLY until Oct 12; Starting Oct 12 class meets TTh. Low Cost Textbooks
English Composition I (C)  14889 ENGL&101P1 (5) Online  Young +1 hour/wk TBA
14890 ENGL&101BP1 (5) Online  +1 hour/wk TBA
14891 ENGL&101K3 (5) 9-9:50am MWF TAC 338  Williams
14890 ENGL&101M3 (5) 10-10:50am MWF TAC 338  Williams
14897 ENGL&101AP1 (5) Online  Young +1 hour/wk TBA
14882 ENGL&101D3 (5) 11-11:50am TTh WSC 215  Erickson
14881 ENGL&101C3 (5) 12-12:50pm TTh WSC 215  Erickson
14886 ENGL&101H3 (5) 1-1:50pm MWF WSC 206  Williams A
14887 ENGL&101P1 (5) Online  Schwarz +2 hours/wk TBA
14883 ENGL&101EP1 (5) Online  Waliezer
14884 ENGL&101FP1 (5) Online  Waliezer
14885 ENGL&101GP1 (5) Online  schwartz

Composition II (C)  14906 ENGL&102C3 (5) 2-2:50pm MWF WSC 206 Williams A
14894 ENGL&102AP1 (5) Online  Weil
14895 ENGL&102BP1 (5) Online  Weil
14897 ENGL&102DP1 (5) Online  Waliezer
14898 ENGL&102EP1 (5) Online  Schwarz

Intro to Creative Writing (H)  14900 ENGL 208AP1 (5) Online  Young

Technical Writing (H)  16201 ENGL 235AP1 (5) CANCEL  Schwarz

Writing in the Workplace  15682 WRT 105AP1 (5) Online  Foss
15683 WRT 105BP1 (5) CANCEL  Schwarz

Survey of Env Science (NS)  14906 ENV&S100AP1 (5) Online  Hammon

Intro to Env Science w/lab (NS)  14904 ENV&S101AP1 (5) Online  Carlson L

Intro to Physical Geology (NS)  14911 GEOL&101A (5) 11-11:50am MTWTh WSC 105  Harris
14912 GEOL&101B (5) 11-11:50am MTWTh WSC 105  Harris

Natural Hazards and Catastrophes (NS)  14907 GEOL 108A3 (5) Virtual  Harris
14909 GEOL 108B3L (5) Virtual  Harris
16000 GEOL 108R5 (5) ARR ARR ARR  Harris
16035 GEOL 108SL5 (5) 3-4:50pm W Online  Harris

Exercise & Nutrition (HF)  15667 HLTH 140A3 (3) 11-11:50am MW MSG 115  Johnson
14973 HLTH 140B3 (3) Online  Johnson

Health & Wellness (HF)  14979 HLTH 130A3 (3) 9-9:50am MW MSG 115  Johnson

Global Health Issues (D)(HF)  16010 HLTH 141RP1 (3) Online  Jones
### Community First Aid & CPR
- 31827 HLTH 145AN (1) 5-7-7:45pm W MSG 106 Johnson
  - Basic First Aid/CPR/AED class covering critical skills needed to respond to and manage first aid, choking and sudden cardiac arrest emergencies in the first few minutes until emergency medical services (EMS) arrives. Class meets 10/6-10/13.

### Stress Management (HF)
- 15008 HLTH 143A (2) 9-9:50am TTh WAH 105 Johnson
- 15007 HLTH 143CP (2) Online Johnson
  - Understand how stress can impact quality of life. Learn methods for identifying stressors and strategies to effectively manage them. Construct a personalized stress management program. **Low Cost Textbooks**

### Safety and Fitness (HF)
- 14995 HLTH 145A (3) 8-8:30am MW MSG 106 Johnson
- 14996 HLTH 145CP (3) Online McManus
  - The 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 the American Heart Association Heartsaver First Aid/CPR and AED certification. Lab fee $44.25. [Online class section has on-campus, required labs on 9/28 and 10/5, 2-6pm in WSC 208.]

### Western Civilization I (SS)
- 14927 HIST& 116A (5) 10-10:50am Daily WSC 204 Peterson
  - Analysis of the development of major political, economic, social and cultural characteristics of Antiquity and Medieval Europe. [Low Cost Textbooks]

### US History I (SS)
- 14917 HIST& 146A (5) 12-12:50pm Daily WSC 204 Peterson
  - Analysis of American history from the pre-invasion to the Antebellum Era. Emphasis will be on the political, social, and economic changes. [Low Cost Textbooks]

### US History II (SS)
- 14920 HIST& 147AP1 (5) Online Mayfield
  - Analysis of American history from Antebellum Era to the Progressive Era. Emphasis will be on the political, social, and economic changes. [Low Cost Textbooks]

### US History III (SS)
- 14925 HIST& 148A (5) 9-9:50am Daily WSC 110 Mayfield
  - Analysis of American history from World War One to the present. Emphasis will be on the political, social, and economic changes. [Low Cost Textbooks]

### Human Relations 101
- 15969 H R 101A3 (2) 8-8:50am MTWTh WAH 103 Hafezil
- 15971 H R 101B3 (2) 8-8:50am MW WAH 103 Hafezil
- 15986 H R 101H3 (2) CANCELED Staff
- 15972 H R 101C3 (2) 10-10:50am MW WAH 215 O'Hem
- 15975 H R 101E3 (2) CANCELED Preston
- 15976 H R 101F3 (2) 11-11:50am MW WSC 215 Smejkal
- 15985 H R 101G3 (2) 11-11:50am TTh TAC 333 Hafezil
- 16012 H R 101R5 (2) 12-12:50pm TTh MOR Hafezil
- 15973 H R 101DP1 (2) Online Rauscher
- 31978 H R 101MS (2) 10-10:50am MW Virtual O'Hem
- 31979 H R 101OS (2) 8-8:50am MTWTh Virtual Hafezil
  - Students learn and put into practice concepts related to college success. Topics include exploration of self, learning styles, academic strategies, degree and certificate planning, campus and online resources, effective communication, Financial Aid, and campus involvement. Section A3 meets from 9/20-10/22; B3 meets 10/25-12/6; G3 meets 10/25-12/6; R5 meets 9/20-12/2. Low Cost Textbook for sections: A3, B3 and R5. OER course: No textbook to purchase for sections: C3, DP1. Section M5 meets using ZOOM.

### Employment Relations – Workplace
- 15967 H R 110A3 (5) CANCELED McClain
  - 3 hours/wk TBA
  - CANCELED
  - The 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. Pre-requisite: HR 101 or instructor permission. **OER course:** No textbook to purchase.

### Ethics and Cultural Values (D) (H)
- 15033 HUM 110A3 (5) 11-11:50am T WAH 105 Mitchler
  - 4 hours/wk TBA
- 15043 HUM 110B3 (5) 11-11:50am W WAH 105 Mitchler
  - 4 hours/wk TBA
- 15048 HUM 110C3 (5) 11-11:50am Th WAH 105 Mitchler
  - 4 hours/wk TBA
  - A survey of the major movements in art, architecture, music, philosophy and literature in a historical context, from pre-history to 1400 C.E.

### Lyceum I (AE)
- 15180 HUM 281A (1) CANCELED Bannish
  - 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.

### Intro to Programming
- 18985 IT 101A5 (5) 9-9:50am MTWTh Virtual Hagen
  - This course provides an introduction to programming using Microsoft Visual Studio. Course focus is on building basic graphical applications using the Python programming language. Lab fee $30.

### Programming III
- 19011 IT 113A5 (5) 12-12:50pm MTWTh Virtual Hagen
  - A survey of common data structures and algorithms used in computing. Students will implement and analyze the efficiency of common data structures and algorithms. Topics include data structures, sorting algorithms, searching algorithms, and asymptotic analysis. Lab fee $50.

### Intro to Windows OS
- 14553 IT 117AP1 (3) Online Coleman
- 14554 IT 117BP1 (3) CANCELED Coleman
  - An introduction to Windows Operating System. Course will cover such things as the taskbar, Start menu, recycle bin, windows views, Window Explorer, storage devices, printing, saving, control panels, etc. Lab fee $25.

### Computer Science I: Java
- 18987 CS 141A5 (5) 8-8:50am MTWTh Virtual Harlan
  - A study of rapid application development (RAD) JAVA. Development of GUIs using Swing Technology. Object Oriented Programming as it is implemented in JAVA. Introduction to graphics, animation, and multi-threading. Prerequisite: MATH 099 or equivalent. Lab fee $25.10.
Relational Databases

Students learn the tools and processes for data modeling in Relational Database Management Systems. Topics include Structured Query Language (SQL), functional dependencies, normalization, database design methodologies and entity relationship modeling. Lab fee $50.

Web Development II

A course in front-end web frameworks. Students will utilize front-end web frameworks to develop, test, and debug web applications. Topics include front-end web frameworks (e.g., Angular, Reach), routing, templates, frameworks to develop, test, and debug web applications. Topics include front-end web frameworks (e.g., Angular, Reach), routing, templates, and local storage, testing techniques. Prerequisite: IT 121 and IT 111 or instructor permission. Lab fee $50.

INTENSIVE ENGLISH PROGRAM

Comprehension Language 1 - 4

Students will develop listening and reading comprehension skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score. Low Cost Textbook

Communicative Language 1 - 3

Students will develop speaking, grammar, and composition skills needed. Prerequisite: Official Language Test score or Accuplacer score. Lab fee $20. Low Cost Textbook

Communicative Language 4

In this Level 4 Comm Language course, students will develop speaking, grammar, and composition skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score. Lab fee $24.95.

MATHEMATICS

Basic Mathematics

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

Pre-Algebra

Introduces the concept of functions, their graphs and properties. Particular attention will be paid to linear, quadratic, exponential and logarithmic functions. Prerequisite: MATH 096 or equivalent. OER course: No textbook to purchase.

Pre-Calculus

 Supports skill development in students registered in MATH& 141 Pre-Calculus 1. Topics covered in this course include those defined in MATH& 141 and/or any prerequisite skills needed by the student to be successful in MATHS 141. Corequisite: MATH& 141. Students attend class sessions online at set times and days. Low Cost Textbook
Pre-Calculus I (M)  
- 15241 MATH&141A3 (5) 8-9:50am Daily WSC 107 Adams  
- 15222 MATH&141B2 (5) 9-9:50am Daily Virtual Ziegler  
- 15230 MATH&141C3 (5) 12-12:50pm Daily WSC 108 Treapleton  
- 15236 MATH&141DP1 (5) Online Ziegler  
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. OER course: No textbook to purchase for sections: A3, B2, & DP1

Pre-Calculus II (M)  
- 15243 MATH&142A3 (5) 9-9:50am Daily WSC 107 Adams  
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. OER course: No textbook to purchase.

Statistics Prep Seminar  
- 15215 MATH 145A3 (1) 11-11:50am MTWTh Virtual Kiekel  
Refreshes and enhances the necessary prerequisite skills for a college-level statistics course. Topics include algebra for statistics, spreadsheet software skills, and probabilistic reasoning. Prerequisite: MATH 097, 099 or equivalent, or instructor permission. Students attend class sessions online at set times and days. Low Cost Textbook

Introduction to Stats (M)  
- 15219 MATH&146A3 (5) 12-12:50pm Daily WSC 213 Kiekel  
- 15220 MATH&146B3 (5) 1-1:50pm Daily WSC 213 Kiekel  
- 15218 MATH&146CP1 (5) Online Kiekel  
- 32367 MATH& 146D2 (5) 12-12:50pm Daily Virtual Kiekel  
- 32369 MATH& 146E2 (5) 1-1:50pm Daily Virtual 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 097, MATH 099 or equivalent. OER course: No textbook to purchase.

Calculus I (M)  
- 18207 MATH&151AP1 (5) Online Taylor  
The first in a four-quarter sequence. Limits, derivatives of algebraic and some transcendental functions, applications of derivatives, and introduction to integrals. Topics covered from numerical and graphical viewpoints. Prerequisites: MATH& 142 or equivalent. OER course: No textbook to purchase.

Calculus II (M)  
- 15216 MATH&152A3 (5) 11-11:50am Daily WSC 107 Adams  
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. OER course: No textbook to purchase.

Discrete Math (M)  
- 15210 MATH 228A2 (5) CANCELED Taylor  
+2 hours/wk TBA  
This class introduces the basic concepts of mathematics that are used in computer science. Topics covered include logic, mathematical induction, combinatorics, set theory, relations, and functions. Prerequisite: MATH& 142 or MATH 128.

MECHATRONICS

Preventative Maintenance  
- 32503 MEC 155A5 (3) 9-9:50am WTh TEC 159 Lipp  
- Lab MEC 155A3 10-10:50am WTh TEC 159 Lipp  
Basic Preventive and predictive maintenance procedures. Topics include facility upkeep, safety monitoring and risk management, teardown and inspection techniques, and technologies used in PM procedures. Prerequisite: MEC 151. Lab fee $50.25

Sensors and Instruments  
- 14527 MEC 220A5 (5) CANCELED Staff  
Examination of sensors and diagnostic tools used in industrial environments. Electrical and mechanical measurement instruments will be studied and troubleshooting steps performed to prove competency. Control systems will also be studied. Prerequisite MEC 151. Lab fee $83.75. Low Cost Textbook

Industrial Electronics  
- 14529 MEC 250A5 (2) 1-1:50pm Th TEC 159 Steidel  
Lab 12-12:50pm Th TEC 159 Steidel  
Study of electricity in an industrial facility. Topics covered will focus on 3-phase power analysis and motion control devices including motors, motor drivers and controls. Prerequisite: MEC 116 or equivalent knowledge of AC electricity. Lab fee $33.50.

Allen Bradley PLCs  
- 14531 MEC 260A5 (5) CANCELED Staff  
Study of Allen Bradley programmable logic controllers. Input and output modules will communicate with peripheral devices such as sensors, motors, lights and relays. Heavy emphasis on ladder logic, safety, troubleshooting and efficiency. Lab fee $83.75.

MEDIAS STUDIES

Sports Announcing for Football (C)  
- 15208 M ST 126A3 (1) 2-2:50pm M WAH 113 Fisher  
Learn and apply the basic skills and knowledge required of today's football announcers. This course will emphasize practical tips, ideas and theories that will help you on your way to becoming a quality football announcer. Low Cost Textbook

Intro to Radio Broadcasting (C)  
- 15185 M ST 230A3 (5) 12-12:50pm Daily WAH 105 Fisher  
As an introduction to radio broadcasting you will learn about programming philosophies, announcing skills, production techniques, copy writing and the FCC rules and regulations that apply to the industry. Lab fee $17.94. Low Cost Textbook

Intro to TV & Video Production (AE)  
- 15187 M ST 260A3 (5) 1-1:50pm MWF WAH 105 Fisher  
- 1-2:50pm Th WAH 105 Fisher  
Learn studio and control room operations, field and studio camera techniques, basic script writing and video editing. At the end of the quarter students will be able to write, produce and edit short videos. Lab fee $17.94. Low Cost Textbook

Radio Broadcasting Internship  
- 15188 M ST 271A3 (1) ARR ARR WAH 140 Fisher  
- 15189 M ST 274A3 (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. Low Cost Textbook

MEDICAL ASSISTANT

Medical Math  
- 14555 M A 130A3 (5) CANCEL Staff  
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 ATA. Prerequisite: MATH 096 or equivalent.

MA Medical Terminology  
- 14556 M A 139A3 (5) 9-9:50am MTWTh WAH 146 Boemer  
A required class for all students enrolled in the Medical Assistant Program to develop a medical vocabulary from an anatomy, physiology, and pathology format. It is suitable for others entering medical-related fields. Lab fee $5.
Intro to Medical Assistant
14580 M A 140A3 (6) 7:30-8:50am MTWTh TEC 115 Rose
An introduction to the profession of the Medical Assistant in the health care setting. Designed to explore the fundamentals of the scope of practice in a lecture and lab setting. Lab fee $33.

MA Clinical Procedures
19181 M A 241A5 (6) 1-2:50pm MTWTh TEC 115 Boemer
Overview of physical examinations, procedures, and testing that a medical assistant would assist a health care provider within an ambulatory care setting. Prerequisite: acceptance into 2nd year MA. Lab fee $77.

MA Admin Procedures
19163 M A 249A5 (8) 10-11:30am MTWTh TEC 115 Boemer
Administrative protocols and procedures related to front and back office responsibilities in an ambulatory care setting; with emphasis on communications, medical records management, and fiscal management practices. Prerequisite: acceptance into 2nd year MA program. Lab fee $15.

MUSIC

Fundamentals of Music (H)
15268 MUSC 100A3 (5) 9-9:50am TTh WAH 125 Odonel
Introduction to the elements of music theory, including scales, intervals, keys, triads, elementary ear training, notation, meter and rhythm. Low Cost Textbook

Music History (D)(H)
19552 MUSC 101 (5) CANCELED May
An overview of music in its historical context, including both the Western Classical canon and musical traditions from Asia, Africa, the Middle East, the Pacific Islands, and the Americas. (D) (H)

Music Appreciation (D)(H)
15406 MUSC6105AP1 (5) Online May
Developing an understanding of music through the study of musical elements and cultural contexts. Low Cost Textbook

Jazz Ensemble I – VI (AE)
15392 MUSC 124N (2) CANCELED Blaser
Performing ensemble made up of students and community members. The ensemble's instrumentation is flexible, depending on availability of musicians. One evening rehearsal and one evening concert will be required. Off campus performances may be required. Lab fee $17.49. Low Cost Textbook

Music of the World (D) (H)
15402 MUSC 139AP1 (5) Online O'Donel
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. Low Cost Textbook

History of American Music (D) (H)
15391 MUSC 140A3 (5) Online May
This course offers students a thorough and general study of American music from Tin Pan Alley to the first part of the 21st Century.

Music Theory I (H)
15409 MUSC6141A3 (5) CANCELED May
A study of musical concepts, such as pitch and rhythmic notation, scales and modes, key signatures, intervals, seventh chords and triads. Prerequisite: MUSC 100 or placement by instructor. Low Cost Textbook

Concert Choir I – VI (AE)
15314 MUSC 144N (2) CANCELED Jardine-Tobin
15316 MUSC 146N (2) CANCELED Jardine-Tobin
15317 MUSC 147N (2) CANCELED Jardine-Tobin
15318 MUSC 148N (2) CANCELED Jardine-Tobin
18053 MUSC 149N (2) CANCELED Jardine-Tobin
A vocal ensemble performing both sacred and secular music literature. Availability for up to two evening performances is required. Lab fee $17.49. Low Cost Textbook

Functional Piano I (AE)
15376 MUSC 151A (1) CANCELED May
Functional piano study/skill for music majors. A practical course to accompany the music theory courses. Corequisite: simultaneous enrollment in music theory class. Low Cost Textbook

Applied Music Classes
These courses teach performance skills to students majoring in music. Musical literature from various style periods and composers will be selected to acquaint the student with a wide range of repertoire written for the instrument. Instructor permission and/or audition required. Corequisite: ensemble and/or music theory. Lab fee $300.

Applied Flute (AE)
15244 MUSC 150A (1) ARR ARR ARR O'Donel
Low Cost Textbook

Applied Trumpet (AE)
15248 MUSC 155A (1) ARR ARR ARR Blaser
Low Cost Textbook

Applied Piano (AE)
15246 MUSC 160A3 (1) ARR ARR ARR May
Low Cost Textbook

Applied Violin (AE)
15261 MUSC 161A (1) ARR ARR ARR Scarborough
Low Cost Textbook

Applied Voice (AE)
15301 MUSC 167A (1) ARR ARR ARR Colgan
18121 MUSC 167B (1) ARR ARR ARR Jardine-Tobin
This course teaches performance skills to students majoring in music. Musical literature from various style periods and composers will be selected to acquaint the student with a wide range of repertoire written for the instrument. Instructor permission and/or audition required. Corequisite: ensemble and/or music theory. Lab fee $300. Low Cost Textbook

Community Band I - VI (AE)
15302 MUSC 175N (2) 7-9pm T WAH 152 Blaser
15303 MUSC 176N (2) 7-9pm T WAH 152 Blaser
15304 MUSC 177N (2) 7-9pm T WAH 152 Blaser
15307 MUSC 178N (2) 7-9pm T WAH 152 Blaser
15308 MUSC 179N (2) 7-9pm T WAH 152 Blaser
18190 MUSC 180N (2) 7-9pm T WAH 152 Blaser
Performance ensemble consisting of students and community members. Repertoire will vary and be selected by the band director(s). The ensemble consists of band instrumentation and meets weekly for three hours. Lab fee $10. Low Cost Textbook

Community Orchestra I – VI (AE)
15309 MUSC 185N (2) 7-9pm M WAH 152 Staff
15310 MUSC 186N (2) 7-9pm M WAH 152 Staff
15311 MUSC 187N (2) 7-9pm M WAH 152 Staff
15312 MUSC 188N (2) 7-9pm M WAH 152 Staff
15313 MUSC 189N (2) 7-9pm M WAH 152 Staff
18183 MUSC 190N (2) 7-9pm M WAH 152 Staff
Performing ensemble made up of students and community members. Repertoire will vary and will be selected by the orchestra director. The ensemble consists of orchestral instrumentation and meets weekly for three hours. Lab fee $10. Low Cost Textbook
NURSING

Basic Nursing Care Concepts
- 14566 NURS 101A3 (12) ARR Daily WSC 202 Team Taught
Program themes of homeostasis, the role of the nurse, and continuum of care are applied at on-campus theory and skills labs and off-campus clinical experiences at assisted living and long-term care facilities. Prerequisite: admission to the Centralia College Nursing Program. Lab fee $208.82.

Mental Health & Lifespan
- 14570 NURS 201A3 (10) ARR Daily WSC 202 Team Taught
Progressive competencies reflecting program themes are applied to the care of clients with mental health alterations, complications of child-bearing and high-risk newborns and children. Community-based and in-patient clinical experiences are provided. Prerequisite: NURS 101, 102, 103; corequisite NURS 220 or equivalent. Lab fee $220.08.

Basic Life Support for Healthcare Providers
- 14583 NURS 210A3 (1) ARR ARR MSG 106 Layton
Covers the information and skills needed for adult, child, and infant cardiopulmonary resuscitation; use of an automated external defibrillator; recognition and treatment of choking; safety factors in training and actual rescue. Prerequisite: admission to the nursing program or instructor permission. Lab fee $36.52

Management & Leadership
- 14579 NURS 220A3 (2) ARR Daily WSC 202 Staff
Expands on the program theme of the role of the nurse to provide a stronger theoretical foundation for assuming a management and leadership role in a variety of care settings. Prerequisite: NURS 101, 102 and 103 or equivalent; corequisite: NURS 201. Lab fee $54.16.

NURSING ASSISTANT

Nursing Assistant Certification
- 14584 HLSV 131A3 (9) 8-9am MTWTh FTC 110 Speer
- 19504 HLSV 131B3 (9) 9am-12pm MTWTh FTC 110 Speer
- 19504 HLSV 131B3 (9) 1-2pm MTWTh FTC 110 Speer
- 19504 HLSV 131B3 (9) 2-5pm MTWTh FTC 110 Speer
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 $192.23.

Nurse Delegation
- 14595 HLSV 132A3 (2) 8am-5pm Sa FTC 110 Speer
Class for Washington caregivers who will or work with specific populations in community-based care settings. Course covers laws pertaining to delegation and hands-on skills. Class meets 10/9. Low Cost Textbook

Mental Health 1
- 14596 HLSV 133A3 (1) 12-30pm Sa FTC 110 Speer
Course identifies types of mental illness and common signs and symptoms. Learn capable caregiving for mental wellness. A DSHS curriculum that meets population specific training requirements. Class meets 10/16. Low Cost Textbook

Dementia 1
- 14600 HLSV 134A3 (1) 8am-12pm Sa FTC 110 Speer
Learn how dementia affects a person’s body and mind. This basic understanding is the foundation on which to build skills needed to provide the best care for people with dementia. Class meets 10/16. Low Cost Textbook

Traumatic Brain Injury
- 28261 HLSV 135 (2) CANCELED Speer
Learn the basics of brain anatomy and function and how injury may affect a Traumatic Brain Injury (TBI) survivor. Topics include brain injury management, understanding changes in behavior and mood, communication strategies and self-care strategies. Lab fee $15. Class meets 10/23.

NUTRITION

Nutrition (NS)
- 15451 NUTR&101A1 (5) Online Jewell
- 15452 NUTR&101B1 (5) Online Ibrahim
- 15453 NUTR&101C1 (5) Online Ibrahim
An exploration of human nutrition with an emphasis on metabolism, digestion, dietary planning and analysis, and weight control. Prerequisite: HS level biology or chemistry. Section AP1 Low Cost Textbook

OCEANOGRAPHY

Intro to Oceanography (NS)
- 15459 OCEA&101A3 (5) 10-10:50am MTWTh WSC 301 Norton
2:3-5:00pm Th WSC 303 Norton
+1 hours/wk TBA
- 15457 OCEA&101BP1 (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. Lab fee $17.94. Section BP1 OER course: No textbook to purchase.

PHILOSOPHY

Intro to Philosophy (H)
- 15522 PHIL& 101A1 (5) Online Diamant
Investigate the assumptions philosophers have made about reality, knowledge, truth, God, morality, social construction, freedom and paternalism.

Intro to Ethics (H)
- 15519 PHIL 103A1 (5) Online Diamant
Focus on choices made in concrete circumstances. Study traditional ethical theories and present-day moral dilemmas.

PHLEBOTOMY

Intro to Phlebotomy Tech
- 14557 PHLE 131A (5) CANCELED Staff
Overview of laboratory procedures and regulations for the medical office laboratory.

Phlebotomy for Healthcare 1
- 31913 PHLE 201B5 (8) CANCELED Rose
Overview of laboratory procedures and regulations for the medical office laboratory. Prerequisite: Health-care provider license MA, RN, NA-C. Lab fee $125.

Phlebotomy for Healthcare 2
- 31915 PHLE 202B5 (8) CANCELED Rose
Expansion of Phlebotomy skills introduced in PHLE 201. This course will offer lecture and lab sessions with emphasis on hands on practice and dexterity for successful and safe venipuncture. Prerequisite: PHLE 201 with a 2.5 GPA or higher and healthcare license. Lab fee $125.

PHYSICAL EDUCATION

Soccer Fundamentals
- 15511 P E 108A (1) ARR ARR ARR Staff
This course will cover the basic skills and techniques of soccer. Includes team defense and team offense. Lab fee $3.10. Low Cost Textbook

Lifestyle Mgmt & Exercise (HF)
- 15502 P E 120A1 (2) Online Johnson
Designed to assist individual in making life style changes associated with health and fitness. Lab fee $3.10. Low Cost Textbook
Stretching & Flexibility (HF)
15512 P E 121A3 (1) 12-12:50 TTh MSG 200 Johnson
Learn and perform safe stretches to increase flexibility and range of motion. Understand how stretching can help decrease injury, recover after other workouts and calm the mind and body. Lab fee $3.10. Low Cost Textbook

Basic Weight Training/Conditioning (HF)
15516 P E 123A3 (1) 10-10:50am MW MSG 125 Fox
Designed to condition the musculature of the body using machine and free weights. Lab fee $3.10. Low Cost Textbook

Volleyball Applications
15515 P E 139N (3) ARR ARR ARR Gordon
A course designed to provide experiences in advanced strategies, skills, and team concepts of volleyball. Prerequisite: PE 115 or instructor permission. Lab fee $3.10. Low Cost Textbook

Cardio Conditioning (HF)
15497 P E 142A3 (1) 11-11:50am MW MSG 200 Goss
A combination of current cardio exercises to improve cardiovascular endurance, body composition, muscle fitness and flexibility. A variety of movements will be explored, including step aerobics, kickboxing, HIIT, Zumba and circuits. Lab fee $3.10. Low Cost Textbook

Yoga (HF)
15517 P E 150A3 (1) 9-9:50am MW MSG 200 Fox
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. Low Cost Textbook

Pilates/Core (HF)
☐ 16020 P E 152R3 (1) CANCELED Johnson
An exercise class designed to teach breathing with movement, body mechanics, balance, coordination, spatial awareness, strength and flexibility. Lab fee $3.10. Low Cost Textbook

Beginning Tae Kwon Do (HF)
15496 P E 158N3 (2) CANCELED Newkirk
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. Low Cost Textbook

Softball Fundamentals
15492 P E 162A (1) ARR ARR CEN Staff
A mental and physical approach to the fundamentals of fastpitch softball. An emphasis will be placed on the basic skills and concepts needed to play the game effectively. Lab fee $3.10. Low Cost Textbook

Baseball Fundamentals
15493 P E 166A (1) ARR ARR ARR Harley
On-the-field practice in development of the basic fundamentals of baseball. Emphasis on basic skills and conditioning. Lab fee $15.65. Low Cost Textbook

Lifetime Fitness (HF)
15503 P E 168AP1 (2) Online +1 hour/week TBA
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. Low Cost Textbook

Physical Fitness Concepts (HF)
15505 P E 229AP1 (3) Online McMullan
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. Low Cost Textbook

Advanced Softball Fundamentals
15495 P E 262A (1) ARR ARR CEN Staff
Continuation of the physical and mental skills needed for playing fastpitch softball. Emphasis will be on a variety of strategies utilized in the game of softball. Lab fee $3.10. Low Cost Textbook

Advanced Baseball Fundamentals
15493 P E 366A (1) ARR ARR ARR Harley
On the field practice in development of the advanced fundamentals of baseball. Emphasis on advanced skills, strategies, and techniques. Prerequisite: PE 166 or instructor permission. Lab fee $15.65. Low Cost Textbook

Engineering Physics I (NS)
15525 PHYS&221A (5) 8-8:50am MTWTh WSC 108 Threapleton +1 hours/week TBA
First in a three quarter calculus-based sequence for science and engineering majors stressing classical mechanics. Include dynamics of translational, rotation, and oscillatory systems of solids, particles and fluids. Prerequisite: MATH& 151; corequisite: MATH& 152. Lab fee $18.68.

PSYCHOLOGY

General Psychology (SS)
15567 PSYC&100C3 (5) 12-2:20pm TTh WSC 110 MacNamara
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. Low Cost Textbook

Lifespan Psychology (SS)
15664 PSYC&100AP1 (5) Online MacNamara
15668 PSYC&100BP1 (5) Online MacNamara
15669 PSYC&100EP1 (5) Online Staroff
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. Low Cost Textbook

Improvement of Reading
15571 READ 099A3 (1-5) 10-10:50am Daily LIB 112 Embry
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: COMPASS placement (reading) 49. Low Cost Textbook
Speed Reading
- 15141 READ 110N3 (3) 5:30-7:00pm Daily Embody

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. Low Cost Textbook

Intro to Sociology (SS)
- 15676 SOC& 101B3 (5) 9-9:50am Daily WSC 101 Lytle
- 15675 SOC& 101C3 (5) 11-11:50am Daily WSC 101 Seabert
- 15674 SOC& 101D1P (5) Online Tate-Libby
- 32370 SOC& 101F2 (5) 11-11:50am Daily Virtual Seabert

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. Section B3 and C3 OER course: No textbook to purchase.

Sociology of the Family (SS)
- 18608 SOC 125AP1 (5) Online Bryant-Anderson

This course is an introduction to the study of the family as a social institution. An overview of social theories and methodological underpinnings will be included. Emphasis will be on the family as an agent of socialization, the changing roles of men and women in context, contemporary issues related to the family, social policy, and the relationship between the family and society across time and cultures.

Social Problems (SS)
- 15676 SOC& 201AP1 (5) Online Bryant-Anderson

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. Low Cost Textbook

Spanish I (H)
- 15677 SPAN&121A3 (5) 8-8:50am Daily WSC 210 Gorecki
- 15678 SPAN&121B3 (5) 10-10:50am Daily WSC 210 Gorecki
- 15680 SPAN&121C2 (5) 1-1:50pm Daily Virtual Martinez
- 15679 SPAN&121D1P (5) Online Martinez

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

Spanish IV (H)
- 15681 SPAN&221A3 (5) 11-11:50am Daily WSC 210 Gorecki

Fourth class in sequence. Learn the fundamental skills of listening comprehension, speaking, reading, and writing. Develop an awareness of Spanish speaking countries and their cultures. Prerequisite: Spanish III or equivalent amount of high school Spanish. Low Cost Textbook

Technical Reading
- 15572 READ 100A3 (3) 10-10:50am Daily TBA Embody
- 15540 READ 100N3 (3) 3:30-3:20pm MW TBA Embody

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

Speed Reading
- 15141 READ 110N3 (3) 5:30-7:00pm Daily Embody

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. Low Cost Textbook

Intro to SUDP
- 28481 SUDP 100A5 (5) 10-11:50am MW Rabe

Introduction to the field of substance use disorder counseling. Topics include theories surrounding the etiology of addiction, basic psychopharmacology, Federal and State regulations, introduction to prevention, intervention, assessment, treatment planning and case management.

Industrial Safety
- 18820 TRDS 100B5 (5) 12-12:50pm WTh TEC 133 Lipp

Theory and application of tools and practices as used in an industrial setting. Students will develop skills and habits as well as safety practices, procedures, and equipment. Basic firefighting equipment and procedures will be included. Lab fee $70.

Mechanical Systems Lab
- 18933 TRDS 110A3L (2) 10-11:50am MT TEC 154 Steidel
- 18934 TRDS 110B3L (2) 10-11:50am WTh TEC 133 Steidel

Introduction to components and safe operation of mechanical drive systems. Machines, drive systems, and operation of various tools will be studied. Applying mechanical power transmitting devices and associated components as used in an industrial setting. Co-requisite: TRDS 120. Lab Fee $83.75.

Fluid Systems Lab
- 19050 TRDS 130A5 (2) CANCELED Staff

Students will engage in practical exercises that will aid understanding basic fluid systems. Safe operation of fluid systems will be emphasized. Course covers fluid characteristics, component symbols, control valves, pumps, and reservoirs. Co-requisite: TRDS 140 Fluid Systems. Lab fee $83.75.

Fluid Systems
- 19049 TRDS 140A5 (3) CANCELED Staff

Application of mathematical operations in Industrial Trades settings, emphasizing the use of mathematics to study the engineering field of Fluids: Hydraulics and Pneumatics, as used in industry. MATH 95 or equivalent. Co-requisite: TRDS 130.

Print Reading
- 19048 TRDS 150A5 (2) CANCELED Hegsted

The foundation of print reading in the industrial trades. Included is print reading relative to welding, pipe-fitting, electrical, fluids, and construction.

Shielded Metal Arc Welding
- 14383 WELD 181N5 (5) 6-6:50pm TTh TEC 103 Hegsted

Safety, setup, and welding in all positions using AC/DC arc welding equipment on carbon steel. Lab fee $73.78.
Introduction to SPED

This course provides an introduction to the terminology, identification, and issues when addressing the needs of diverse students with disabilities.

Low Cost Textbook

Teaching and Technology

This course focuses on various educational technologies, ranging from classroom equipment to online learning management systems, with a particular focus on students’ physical and emotional safety.

Diversity in Students

Using theory, research, and practice, students will understand and recognize issues of diversity. Behavioral supports will be assessed relative to vulnerable, special, and minority populations. Topics will include race, ethnicity, gender, class, sexuality, disability, and age. Prerequisite: admission to BAS-TE/ instructor permission.

Support: Child & Family

Study techniques for communicating with families and professionals about characteristics and needs of individuals with differing abilities. Strategies for collaborating with families, recognizing and respecting family, cultural, and societal diversity. Identify local resources. Prerequisite: admittance into BAS-TE program or administrator approval.

Curriculum & Instruction

Explore a variety of evidence-based instructional strategies for successful education of students with differing social and cultural backgrounds, and learning styles. Plan and implement class activities that involve students in an active learning environment. Lab fee $25. Low Cost Textbook

Integrated Methods

Students explore integrated methods, strategies, and materials for teaching science, math, and social studies in K-8 classrooms. Students will apply standards and design inquiry-based lessons with cooperative learning strategies infusing literacy, creative arts, and technology. Lab fee $25. Low Cost Textbook

Practicum 4

This course allows students to integrate into schools and participate in the beginning of the year classroom set-up, teacher in-service, and first days of school for the classroom in which they will be student teaching. Lab fee $67. Class includes 33 hours of Field Based experience. Low Cost Textbook

Environmental Issues (NS)

This class focuses on object-oriented programming techniques using classes, polymorphism, inheritance, abstraction and interfaces. Application design will be emphasized. Additional topics include UML diagramming, architectural frameworks such as MVC. Prior basic understanding of OOP recommended. Course Requisite: admission into BAS program or administrator approval. Lab fee $50.
Business Intelligence App

Students gain practical experience and skills to develop business intelligence solutions. Students will create reports, dashboards, setup and perform statistical analysis, data mining, and classification/clustering of data using both programming and tools. Lab fee $50.

Teaching Math (M)

Provides the requisite knowledge and skills to teach K-8 students core math concepts. Current state standards for math learning will be reviewed with a focus on understanding how to teach and apply mathematical concepts. Students attend class sessions online at set times and days using Zoom.

Fundamentals of Mgmt

Explores organizational theory and introduces the principles and concepts of effective management including the functions of planning, organizing, leading, and controlling. How a manager's personality and leadership style impacts the workplace will be explored. Prerequisite: admittance into BAS program or administrator approval.

Applied Financial Management

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

Business Principles, Planning & Strategies

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

Marketing for Managers

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

Mgmt of Human Resources

Core course in the responsibilities and role of human resource management in today's workplace. Material will concentrate on both regulatory and strategic responsibilities of HR. Topics include recruitment, interviewing, compensation and current HR issues.

Supply Chain Management

This course provides an overview of Supply Chain Management (SCM) and various interconnected roles. Elements of internal and external demand, quality management, process improvement and design, distribution, and SCM strategy will also be included.

Operations Management

A capstone course which focuses on the key aspects that must be addressed for sustained organizational success, effective problem solving, and the capture of opportunities from the perspective of the general manager or the entrepreneur. Prerequisite: BAS 460 or instructor permission.

Leadership & Org. Behavior (SS)

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

Social Studies for Teachers (SS)

Explores the specific concepts and topics in social studies. Applies methods used to teach through integrated thematic units of curriculum and instruction. Incorporating current research and best practices for teaching. Prerequisite: admittance to BAS-TE or administrator approval.