

SPRING 2024

First Day of Classes 4/8/2024
Advising Schedule updated 3/25/2024

SCHEDULE KEY

☞ Class has an online component(s); enrollment in an online, hybrid, or virtual/hybrid class will result in a once-per-quarter, once-per-student \$4 fee. Additionally, a \$2 per credit fee will be applied for online courses.

Shaded Class is offered after 4:30pm

☐ Class is offered at Centralia College East in Morton

CLASS SECTION CODES

Most courses require reliable access to a computer or laptop (a cell phone is not sufficient) and internet access to complete online homework and access online materials.

If a class section code contains a number, then there is an online component to the class:

1 = Online section. Class is held online with no required dates/times for meeting. All activities delivered online through Canvas or similar system.

2 = Virtual section. Class meets with instructor through Zoom, WebEx, etc. (subject to instructor preference) with required dates and times.

3 = Hybrid section. Class is a combination of online and face-to-face with instructor on campus at required dates/times.

5 = Hybrid/Virtual section. Class is a combination of online and using meeting platforms like Zoom, WebEx, etc. with required dates and times specified.

A Face-to-Face class is held on campus with required dates and times. Based on the state's COVID-19 response and college scheduling, the number of these courses may be limited and/or shifted to Virtual or Hybrid/Virtual.

ACCOUNTING

Principles of Accounting II (AE)

☐☞ 12020 ACCT& 202R1 (5) Online Germann

Accounting for partnerships and corporations. Topics include accounting for payroll, current and long-term liabilities, partnerships, corporations, and investments; preparation of the statement of cash flows; and financial statement analysis. Prerequisite: ACCT& 201 or ACCT 110 and 120 or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Principles of Accounting III (AE)

☞ 12327 ACCT& 203A3 (5) 10-10:50am MTWTh WAH 105 Ushman

☞ 12328 ACCT& 203B1 (5) Online Ushman

Managerial accounting for manufacturing businesses. Topics include job order and process costing; cost behavior and cost-volume-profit relationships; variable and contribution margin income statements; standard costs; flexible budgets; relevant costs; and capital budgeting decisions. Prerequisites: ACCT& 201 or ACCT 110 and 120. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Introduction to Audit

☞ 12326 ACCT 210A1 (5) Online

Ushman

An introduction to the audit environment of financial accounting and reporting following Generally Accepted Auditing Standards (GAAS). Topics include: auditing standards, planning, risk assessment, audit evidence, documentation, sampling, the auditor's report, and ethics. Prerequisite: ACCT& 201 or ACCT 110 and 120. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

QuickBooks

☞ 12434 ACCT 220A3 (4) 12-12:50pm MW WAH 205 Ushman

This course introduces students to QuickBooks to record accounting transactions for small business operations. The focus is on vendors, customers, inventory, payroll, and banking. Topics include establishing files; purchases, bills, and checks; sales, invoices, payments, discounts, and deposits; end-of-period accounting procedures; inventory; payroll; transferring funds; and reconciling. Students must have basic accounting knowledge. Prerequisites: ACCT& 201 or ACCT 110 & ACCT 120. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Business Entity Tax

☐☞ 12021 ACCT 240R1 (5) Online

Germann

Calculation of tax liability and preparation of tax forms for business entities, rental property, and other property disposition. Also includes tax research. Prerequisite: ACCT& 201 or ACCT 110 and 120 and ACCT 260. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Bookkeeper Certification Course

☞ 12019 ACCT 285A3 (5) 11-11:50am MTWTh WAH 214 Ushman

The capstone course in the Associate in Applied Science (AAS) Accounting/Tax program, covering principles of accounting, payroll, and taxation. Students earn up to 6 Certificates of Completion from the American Institute of Professional Bookkeepers (AIPB) and can optionally take additional exams necessary for the AIPB Certified Bookkeeper (CB) designation. Prerequisite: ACCT& 202, ACCT 260, ACCT 270. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

AMERICAN SIGN LANGUAGE

American Sign Language I (H)

☞ 12204 ASL& 121A3 (5) 2-3:20pm TTh WSC 109 Depuye

An introductory course in American Sign Language (ASL). Topics covered include visual awareness, vocabulary, basic grammatical principles, comprehension skills, and the historical overview of the deaf community and its language. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

American Sign Language II (H)

☎ 12643 ASL& 122A3 (5) 12-1:20pm TTh WSC 109 Depuye
A continuation of ASL 121, with emphasis on developing fluency in American Sign Language. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

ANTHROPOLOGY

Cultural Anthropology (D) (SS)

☎ 12208 ANTH& 206A3 (5) 10-10:50am MTWTh WSC 210 Avalos
☎ 12209 ANTH& 206B1 (5) Online Avalos
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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Bioanthropology w/Lab (NS)

☎ 12742 ANTH& 215B1 (5) Online Avalos
Lab Online Avalos
Exploration of human biology, evolution, paleontology, taxonomy, primatology, genetics and human variation. A student cannot receive credit for both ANTH& 205 and ANTH& 215. Lab fee \$12.07. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

ART

Art Appreciation (H) (D)

☎ 12227 ART& 100A3 (5) 10-10:50am MTWTh WAH 109 Frey
☎ 43777 ART& 100B1 (5) Online Frey
Examine the nature of visual art, its role in society, and methods of creative expression. Provides an overview of art history, surveys contemporary artists, and introduces studio methods in a variety of media. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B1 meets 4/22 – 6/21.**

Drawing I (H)

☎ 29063 ART 102R3 (5) 11am-12:50pmTTh MOR 101 Cantin
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 \$68. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Drawing II

☎ 12205 ART 103A3 (5) 12-1:50pm MW WAH 108 Solomon
Lab ARR ARR WAH 108 Solomon
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 \$68. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Printmaking (H)

☎ 12347 ART 106A3 (5) 2-3:50pm MW WAH 144 Solomon
Lab ARR ARR WAH 144 Solomon
An introduction into the studio methods of printmaking as well as its historical significance and contemporary applications. Create multiples of using various matrixes including screen prints, etchings and relief prints. Lab fee \$50. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Computer Graphics (H)

☎ 12207 ART 130A3 (5) 10-10:50am MTW WAH 209 Solomon
Lab ARR ARR WAH 209 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 \$85. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Introduction to Fibers (H)

☎ 29543 ART 160A3 (5) 1-3:30pm TTh WAH 116 Frey
Lab ARR ARR WAH 144 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

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

☎ 29542 ART 202A3 (5) 11-11:50am MTWTh 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

BIOLOGY

General Biology w/Lab (NS)

☎ 12273 BIOL& 160A1 (5) Online Hammon
Lab 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Human Biology (NS)

☎ 12196 BIOL& 170A3 (5) 10-10:50am MW WSC 215 Jewell
☎ 42648 BIOL& 170C3 (5) 10-10:50am TTh WSC 215 Staff
☎ 12737 BIOL& 170B1 (5) Online Hammon
Overview of the major anatomy of humans including genetics, cells, tissues, and organ systems with their interactions and development from embryo to old age, including representative diseased conditions. Includes contextualization of humans in larger evolutionary, ecological, and social structures as related to their biology. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Majors Organismal Physiology (NS)

12197 BIOL& 223A (5) 11-11:50am MTWTh WSC 121 Bozzolo/Jung
Lab 1-2:50pm W WSC 307 Bozzolo/Jung

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 Anatomy and Physiology 2 (NS)

12379 BIOL& 242A (5) 12-12:50pm MTWTh WSC 121 Jung
Lab A 1-2:50pm T WSC 314 Jung
Lab B 3-4:50pm T WSC 314 Jung

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.

Microbiology (NS)

12199 BIOL& 260A3 (5) 11-11:50am TTh WSC 111 Jewell
Lab 1-2:50pm TTh WSC 301 Jewell
Lab 3-4:50pm TTh WSC 301 Jewell

Introductory microbiology focused on human health covering eukaryotes, prokaryotes, and viruses. Includes laboratory applications of lecture concepts. Prerequisite: both a college-level chemistry and biology course, or instructor permission. Lab fee \$31.52. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Research in Biology (AE)

12195 BIOL 270A (1-12) ARR ARR WSC 314 Staff

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 (NS)

12348 BOTA 113A3 (5) 9-9:50am MTWTh WSC 307 Bozzolo
Lab 2-3:50pm M WSC 307 Bozzolo

Identification and classification of vascular plants of western Washington with emphasis on important plant families, conservation, and native plant uses. Field trips during labs to observe native plants in local habitats. Lab fee \$17.72. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Dendrology (NS)

12350 BOTA 150A3 (5) 10-10:50am MTWTh WSC 307 Bozzolo
Lab 2-3:50pm T WSC 307 Bozzolo

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

BUSINESS ADMINISTRATION

Introduction to Business (AE)

12034 BUS& 101A3 (5) 11-11:50am MTW WSC 108 McClain
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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Business Law (AE)

12035 BUS& 201A1 (5) Online Newman
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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Project Management

12231 BUS 250A1 (5) Online McClain
Explore the concept of projects and the unique administrative approach needed to successfully complete a project on time and within budget. Identify the components of projects and the tools available to track project progression. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

BUSINESS OFFICE TECHNOLOGY

Intermediate Keyboarding

42345 BTEC 102A1 (3) Online O'Hern
Elevate your typing skills. Refine touch typing accuracy and speed, integrate ergonomic excellence, and create professional business documents in Microsoft Word. Enhance technique, accuracy, and speed for a competitive edge in the workplace. Recommended Prerequisite: I T 117 and BTEC 101 or 30+ net wpm. Lab fee \$59. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Applied Business Math

12022 BTEC 120A1 (5) Online Crawford
Fundamental arithmetic skills applied to a wide range of business activities. Topics include; banking, discounts, payroll, simple interest, markups and markdowns and promissory notes. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Cooperative Work Experience

~ 12023 BTEC 190A1 (1-12) Online O'Hern

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. 33-396 hours, on-the-job per quarter. Instructor's permission is required. Co-requisite: 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Work Experience Seminar

~ 27539 BTEC 191A1 (1) Online O'Hern

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Word 1

~ 27540 BTEC 210A1 (5) Online McClain

□ ~ 12029 BTEC 210R1 (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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Excel 1

~ 27542 BTEC 214A1 (5) Online McClain

□ ~ 12031 BTEC 214R1 (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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Desktop Publishing

□ ~ 12032 BTEC 218R1 (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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Word 2

~ 18351 BTEC 219A3 (5) 10-10:50am TTh WAH 205 O'Hern

~ 40951 BTEC 219B1 (5) Online O'Hern

□ ~ 12030 BTEC 219R1 (5) Online Cantin

The course covers advanced Microsoft Word features that allow users to develop more detailed, professional documents such as reports with navigable table of contents and indices, integrated data and charts, and fill-in forms. Students will learn to customize various tools to be more efficient in the workplace. Prerequisite: BTEC 210 Word I. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Ten-Key Calculator

12025 BTEC 220A (1) 9-9:50am TTh WAH 205 O'Hern

Touch control of the 10-key calculator with emphasis on speed and accuracy. Complete business calculations using the function keys. Prerequisite: Business Math suggested. Lab fee \$7.15.

PowerPoint

□ ~ 12033 BTEC 222R1 (1) Online Cantin

Class covers PowerPoint in depth: presentations, formatting, graphics, charts, design, and appropriate visual elements for professional presentations. Prerequisite: IT 117, typing speed of 35 wpm or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

General Office Procedures

~ 12026 BTEC 224A1 (5) Online O'Hern

Topics include professional image, employer expectations, human relations, receptionist techniques, telephone procedures, mail processing, business ethics, job safety, office equipment and supplies, travel and meeting arrangements, financial activities, and composing and preparing professional documents. Prerequisite: BTEC 110, BTEC 210, BTEC 233, BTEC 214. **Instructor Permission is required. This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Medical Office Procedures

~ 12027 BTEC 261A1 (5) Online O'Hern

Culminating course for Medical Office students. Topics cover the expected skills for successful employment in a medical setting, such as professional image, medical ethics and law, appointment scheduling, office finances, and telephone procedures. Prerequisite: BTEC 107, BTEC 110, BTEC 233, BTEC 260. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Medical Documentation

~ 12028 BTEC 263A1 (4) Online O'Hern

Medical documentation prepared through the transcription of chart notes, procedure notes, letters, and other medical documents using transcription or speech recognition files. Prerequisite: BTEC 260, BTEC 210, BTEC 110. Lab fee \$35. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Medical Law and Ethics

☞ 12329 BTEC 266A2 (3) 8-8:50am MW Virtual Newman
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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets virtually.**

CHEMISTRY

Introduction to Chemistry (NS)

12180 CHEM& 121A (5) 9-9:50am MTWTh WSC 109 Sprafka
Lab 1-2:50pm T WSC 308 Sprafka
☞ 12352 CHEM& 121B3 (5) 3-3:50pm T WSC 213 Sprafka
Lab 4-5:50pm T WSC 308 Sprafka

One quarter survey of general chemistry intended for Allied Health students. Topics include: atoms, bonds, reactions, solutions, and acids and bases. Prerequisite: MATH 097 or MATH 098. Lab fee \$27.69. **Section B3 requires reliable access to a computer or laptop (a cell phone is not sufficient) and internet access to complete online homework and access online materials.**

Introduction to Organic/Biochemistry (NS)

12183 CHEM& 131A (5) 11-11:50am MTWTh WSC 109 Sprafka
Lab 1-2:50pm Th WSC 308 Sprafka

One quarter study of major organic functional groups and their properties, major biochemical compounds, and major cellular energy pathways and metabolism. Targeted for Allied Health programs. Prerequisite: CHEM& 121 with a 2.0 or better or instructor permission. Lab fee \$22.04.

General Chemistry Preparation (NS)

☞ 12185 CHEM& 139A3 (5) 10-10:50am MTWTh WSC 111 Neal
Preparatory chemistry for science/engineering majors intending to take the CHEM& 161 sequence. Emphasizes quantitative reasoning, focusing on how mathematics is used in chemistry. Introduces nomenclature, dimensional analysis, stoichiometry, atomic structure, gas laws and solutions. Prerequisite: MATH 098 or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

General Chemistry w/Lab II (NS)

12186 CHEM& 162A (6) 9-9:50am MTWTh WSC 211 Neal
Lab 1-4:50pm W WSC 302 Neal

Second of a three-quarter sequence. Includes periodic trends, chemical bonding and structure, valence bond/molecular orbital theory, intermolecular forces, liquids and solids, solutions, and kinetics. Lab emphasizes data analysis and interpretation. Prerequisite: CHEM& 161 with a 2.0 or better or instructor permission. Lab fee \$27.69.

General Chemistry w/Lab III (NS)

12188 CHEM& 163A (6) 10-10:50am MTWTh WSC 109 Sprafka
Lab 1-4:50pm W WSC 308 Sprafka

Third of a three-quarter sequence. Includes equilibrium, acids and bases, acid/base and solubility equilibria, thermodynamics, electrochemistry, and an introduction to organic and nuclear chemistry. May include polymers, transition metal, and/or coordination chemistry. Prerequisite: CHEM& 162 with a 2.0 or better or instructor permission. Lab fee \$27.69.

Research in Chemistry (AE)

12179 CHEM 270A (1-12) ARR ARR WSC 308 Sprafka
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.

CHINESE

Chinese I (D) (H)

☞ 12359 CHIN& 121A2 (5) 11-11:50am MTWTh Virtual Wynder
Learn the fundamental skills of listening comprehension, speaking, reading and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets virtually.**

COLLEGE & CAREER

College & Career Success

☞ 27517 COLL 100B3 (3) 9-9:50am MW WSC 107 Pennington
☞ 27516 COLL 100E1 (3) Online Queen

Prepares students for college and career success through activities enhancing self-awareness, and developing self-management skills and strategies. Students will learn to navigate college, reflection on the value diversity, identify career goals, and develop essential skills for academic success, information literacy, critical thinking, effective communication, time management, resource utilization, and financial planning. Lab fee \$15. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

COMMERCIAL DRIVERS LICENSE

Commercial Truck Driving

12496 CDL 100A (12) 7:30am-4:30pm Daily FTC 109 Halstead
12498 CDL 100B (12) 7:30am-4:30pm Daily FTC 109 Halstead

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. **Section A meets 4/8 – 5/10; section B meets 5/13 – 6/14. Instructor permission is required.**

COMMUNICATION

Dragon NaturallySpeaking

☞ 12663 COMM 100A1 (2) Online Hoel
Lab 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

COMMUNICATION STUDIES

Introduction to Mass Media (H)

12169 CMST& 102A (5) 11-11:50am MTWT WAH 113 Fisher
~ 12170 CMST& 102B1 (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 emphasis on structure, function, audience, content, effect and social responsibility. **Section B1 requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Debate I (H)

~ 12168 CMST 130A3 (5) 11am-12:20pm MW WAH 103 McQuarrie

Students will learn to analyze, construct and deliver arguments on controversial topics using supportive evidence to respond to opposing viewpoints. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Public Speaking (H)

~ 12172 CMST& 220B3 (5) 8-8:50am MTWTh WAH 103 McQuarrie
~ 12171 CMST& 220A3 (5) 9-9:50am MTWTh WAH 103 McQuarrie
~ 12738 CMST& 220E3 (5) 11-11:50am MTWTh WAH 105 Kreilkamp
~ 41495 CMST& 220N3 (5) 6-7:50pm Th WSC 215 Smallwood
~ 12173 CMST& 220C1 (5) Online McQuarrie
~ 44063 CMST& 220F1 (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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section F1 meets 4/22 – 6/21.**

CONSTRUCTION TRADES

CTAP classes are linked; students must have all five CTAP classes (30644 CTAP 120A, 30648 CTAP 130A, 30651 CTAP 140A, 30654 CTAP 150A, and 30657 CTAP 160A) in their shopping cart to enroll.

Construction Trades Math

30644 CTAP 120A (3) 8am-3pm MTWTh FTC 108 Staff

This course will provide students with a solid foundation in mathematical principles needed for a variety of vocational trades. **Class meets 5/13 – 5/21.**

Work Behavior & Safety

30648 CTAP 130A (5) 8am-3pm MTWTh FTC 108 Staff

Provided instruction in health and safety needed for the trades. Topics included physical fitness, healthy eating habits, worksite assessment, identifying workplace hazards and hazard prevention and safety training. **Class meets 4/24 - 5/10.**

Tools and Blueprints

30651 CTAP 140A (5) 8am-3pm MTWTh FTC 108 Staff

This course focuses on identification, maintenance and safe usage of tools and equipment in the trades. **Class meets 5/22 – 6/7.**

Introduction to the Trades

30654 CTAP 150A (5) 8am-3pm MTWTh FTC 108 Staff

This course will provide exposure to Masonry, Carpentry, Laborers, Plumbers and Pipefitters, Electricians, Ironworkers trades. **Class meets 4/8 – 4/23.**

Capstone Project

30657 CTAP 160A (2) 8am-3pm MTWTh ARR Staff

In this capstone course, students will experience the link between theory and practicum through completing a relevant project. **Class meets 6/10 – 6/21.**

CRIMINAL JUSTICE

Introduction to Criminal Justice

~ 29645 CJ& 101A3 (5) 10-10:50am TTh TAC 331 Miller

Examines local, state and Federal law enforcement agencies and judicial and correctional systems. Career opportunities and qualifying requirements are studied. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Juvenile Justice (AE)

~ 29646 CJ& 106A3 (5) 11-11:50am TTh TAC 331 Miller

Juvenile deviance and theories of criminality are studied. Economic, social, and psychological impact of juvenile delinquency trends examined. Pre/corequisite: CJ& 101 or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Community Policing

~ 29709 CJ 109A1 (5) Online Miller

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Criminal Justice Ethics

~ 29714 CJ 111A1 (5) Online Miller

Presents an in-depth analysis of the practical, theoretical, ethical and moral considerations found in the criminal justice system. Pre/corequisite: CJ& 101 or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Reports, Forms & Affidavits

~ 12175 CJ 204A1 (5) Online McFadden

Investigative report writing including narratives, police reports, common forms, affidavits, and search warrants. This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Criminal Interviews and Interrogation

~ 30296 CJ 224A1 (5) Online McFadden

Basic and intermediate skills required for criminal and forensic interviews and interrogations. Study, practice, role-play, and evaluate the techniques used to elicit factual information from victims, witnesses and suspects in the course of criminal investigations. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

DIESEL EQUIPMENT TECHNOLOGY

Forklift Certification

12210	DET	102A	(1)	8am-5pm	F	TEC 133	Lipp
12211	DET	102B	(1)	8am-5pm	F	TEC 133	Lipp

A comprehensive classroom training with practical, and hands-on instruction on forklift operation and safety. Course covers state and federal regulations. For successful completion student must be 18 and pass both practical and hands on exams. Lab fee \$40. **Section A meets 4/26; section B meets 5/31.**

Internal Combustion Engines I

40761	DET	120A3	(7)	7-8:50am	WTh	TEC 135	Conrad
	Lab			9am-2:50pm	WTh	TEC 135	Conrad

This course covers the operating principles of internal combustion engines. A variety of diesel engines will be disassembled and reassembled with the use of service manuals. Prerequisite: DET 110 or instructor permission. Lab fee \$69.47. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/8 – 5/10.**

Cooperative Work Experience

12241	DET	190A	(1-7)	ARR	ARR	ARR	Lipp
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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. Positive work habits are emphasized. Prerequisite or co-requisite: Cooperative Work Experience Seminar.

Practical Shop Application

12212	DET	230A3	(7)	7-8:50am	WTh	TEC 133	Lipp
	Lab			9am-2:50pm	WTh	TEC 135	Lipp

The discussion and implementation of proper shop practices and repair procedures. Lab fee \$104.01. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 5/13 – 6/21.**

Mobile HVAC Systems

12515	DET	235A3	(7)	7am-8:50am	WTh	TEC 133	Lipp
	Lab			9am-2:50pm	WTh	TEC 135	Lipp

The theory and application of basic principles used in Heating Ventilation and Air Conditioning (HVAC) systems of diesel-powered equipment. Lab fee \$87.69. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/8 – 5/10.**

DRAMA

Dramatic Performance (H)

12166	DRMA	115A	(5)	ARR	ARR	WAH 111	Kreilkamp
	Lab			ARR	ARR	WAH 111	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.

Musical Theatre (H)

12167	DRMA	118A	(5)	10-10:50am	MTWTh	WAH 113	Kreilkamp
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The study of musical theatre, its major works, its significance in theatre history, and role in American culture with an emphasis on production elements and the play in performance.

Multicultural Theatre (D) (H)

33840	DRMA	210A3	(5)	1-1:50pm	MW	WAH 115	Kreilkamp
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An introduction to the dramatic literature and contemporary theatre practices of people of color; the study of the intersections of cultures in American society as portrayed in American theatre and performance. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

ECONOMICS

Microeconomics (SS)

12164	ECON&	201A3	(5)	10-10:50am	MTWTh	WSC 211	Rodriguez
12741	ECON&	201B1	(5)	Online			Rodriguez

Microeconomics is the study of households and firms and how they interact in markets under varying degrees of competition. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Macroeconomics (SS)

12165	ECON&	202A3	(5)	11-11:50am	MTWTh	WSC 211	Rodriguez
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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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

EDUCATION

Child Development (SS)

12226	EDUC&	115A1	(5)	Online			Kirkpatrick
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Build foundation for explaining how children develop in all domains, conception through early adolescence. Explore various developmental theories, methods for documenting growth, and impact of brain development. Prerequisite: co-enrollment or previous enrollment in an ECED/EDUC course. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Guiding Behavior

18305	EDUC&	130AW1	(3)	Online			Minnich
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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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/4 – 6/12.**

School Age Care

12046	EDUC&	136AW1	(3)	Online			Staff
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Develop skills to provide developmentally appropriate and culturally relevant activities/care for children ages 5-12 in a variety of settings. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/4 – 6/12.**

Introduction to Education with Field Experience

☞ 12486 EDUC& 205A1 (5) Online Fritch

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. Students who have completed EDUC& 201 cannot earn credit for EDUC& 205. Lab fee \$18.19. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

EDUCATION-EARLY CHILDHOOD

Health/Safety/Nutrition

☞ 12036 ECED& 107A3 (5) 1-3:30pm M WAH 146 Fritch

Introduction to implementation of equitable health, safety and nutrition standards for the growing child in group care. Develop skills necessary to keep children healthy, safe, report abuse and neglect, and connect families to community resources. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Family Child Care

☞ 18012 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/4 – 6/12.**

Home Visiting & Family Engagement

☞ 12225 ECED& 138AW1 (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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/4 – 6/12.**

Administration of Early Childhood Education

☞ 18013 ECED& 139AW1 (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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/4 – 6/12.**

Curriculum Development

12037 ECED& 160A (5) 1-3:30pm Th WAH 146 Kirkpatrick

Investigate learning theory, program planning, tools and methods for curriculum development promoting language, fine/gross motor, social-emotional, cognitive and creative skills and growth in children birth through age 8 utilizing developmentally appropriate and culturally responsive practice. Lab fee \$20.

Language/Literacy Development

☞ 12038 ECED& 180A1 (3) Online Gauthier

Teaching strategies for language acquisition and literacy skill development are examined at each developmental stage (birth-age 8) through the four interrelated areas of speaking, listening, writing, and reading. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

ECE Practicum 2

12453 ECED 233A (5) 4-5:30pm M WAH 146 Fritch
Develop a professional understanding of teaching methods and practices with an opportunity to evaluate teaching skills and learning environment. Must have completed at least 30 credits in ECE or have instructor permission. Lab fee \$18.19. Course includes 60 hours of field experience in an early learning classroom. Current TB test, proof of MMR and background check required.

ELECTRONICS/ROBOTICS

Introduction to Industrial Systems

12649 ERA 119A (3) 9-10:50am Th TEC 159 Gill
Lab 11am-12:50pm Th TEC 159 Gill

This course will cover the basics of modern industrial systems. Students will learn about the different components that work together to produce a physical product or system from its conception to being delivered to the customer. Lab fee \$50.

Communication Systems

☞ 12214 ERA 235A3 (3) 9-10:50am M TEC 159 Gill
Lab 11am-3:50pm M TEC 159 Gill

Survey of communication systems used in electronics. Wired systems will include Serial, Parallel, Ethernet, fiber optic, industrial communication protocols and others. Wireless systems will include RF, IR, Bluetooth and wi-fi including basic applications in robotics. Lab fee \$50.25. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

ERA Capstone

☞ 12429 ERA 276A3 (4) 12-12:50pm W TEC 159 Gill
Lab 1-4:50pm W TEC 159 Gill

Class will cover systematic design process, project management, and lean manufacturing principles through research and product development. Students will put these principles into practice by designing a prototype of a system that will provide a solution to a community/industry need/challenge. Students will be required to supply project proposals, plans, budgets, report, and a final prototype. Prerequisite: Instructor permission required. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

ENGINEERING

Electrical Circuits (AE)

12081 ENGR& 204A (5) 10-10:50am MTWTh WSC 108 Threapleton
Lab 1-2:50pm F WSC 106 Threapleton

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 (AE)

12082 ENGR& 214A (5) 12-12:50pm Daily WSC 108 Threapleton
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. Co-requisite: MATH& 151.

ENGLISH

Writing & Grammar Review

12220 ENGL 098A3 (1-5) CANCELED	Burr
12144 ENGL 098B3 (1-5) 11am-12:20pmMTW WSC 101	Burr
12376 ENGL 098N3 (1-5) 5:30-7:20pm TTh TAC 340	Sire

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Fundamentals of English

12145 ENGL 099A3 (1-5) CANCELED	Burr
12146 ENGL 099B3 (1-5) 11am-12:20pmMTW WSC 101	Burr
12377 ENGL 099N3 (1-5) 5:30-7:20pm TTh TAC 340	Sire

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

English Composition I (C)

12147 ENGL& 101A3 (5) 8-8:50am MTWTh WSC 110	Young
12151 ENGL& 101B3 (5) 9-9:50am MTWTh WSC 111	Erickson
12148 ENGL& 101C3 (5) 10-10:50am MTWTh WSC 107	Erickson
12152 ENGL& 101D3 (5) 10-10:50am MTWTh WSC 110	Young
12149 ENGL& 101E3 (5) 12-12:50pm MTWTh WSC 107	Erickson
12150 ENGL& 101F1 (5) Online	Waliezzer
44064 ENGL& 101G1 (5) Online	Sire

An expository writing course encouraging students to think and write clarity and conciseness; to organize and develop their ideas; and to express themselves sharply, economically, and grammatically. Students must meet mandatory placements to enroll. Prerequisite: placement into ENGL& 101 or 5 credits of ENGL 099 or WRT 105 with 2.0+ or BTEC 221. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section G1 meets 4/22 – 6/21.**

Composition II (C)

12153 ENGL& 102A3 (5) 9-9:50am MW TAC 340	Waliezzer
12158 ENGL& 102B3 (5) 10-10:50am MW TAC 340	Waliezzer
12157 ENGL& 102C3 (5) 10-10:50am MW WSC 213	Williams
12156 ENGL& 102D3 (5) 12-12:50pm MW TAC 340	Williams
30316 ENGL& 102N3 (5) 6-7:50pm T WAH 211	Davidson
12154 ENGL& 102E1 (5) Online	Weil
12155 ENGL& 102F1 (5) Online	Weil

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section C3 is linked with 12385 MATH& 146A3; both class sections must be in your shopping cart to enroll.**

Children's Literature (D) (H)

12159 ENGL 233A1 (5) Online Williams
Examines the diverse body of literature written for children and adolescents, plus techniques used to read aloud to children. Classics and contemporary works will be approached chronologically and thematically. Prerequisite: college level reading and writing skills. Placement into ENGL& 101 or completing 5 credits of ENGL 099 with 2.0+. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Science Fiction (H)

12537 ENGL 251A1 (5) Online Weil
Surveys rise and development of science fiction, focusing on short stories; students may address novels in course projects. Explores common themes; science fiction as social commentary; technology; war; relationships; race; gender; defining 'human.' Creative writing options. Prerequisite: ENGL& 101. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Intermediate Creative Writing (H)

12383 ENGL 271A3 (5) 9-9:50am MTWTh WSC 110 Young
Students will hone and focus their creative invention, workshopping, revision, and editing skills while working on a single fiction or creative nonfiction project. Prerequisite: ENGL& 101 and ENGL 208 or instructor approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Writing in the Workplace

12050 WRT 105A3 (5) 8-8:50am MTWTh WSC 109 Nelson
Study a variety of workplace communications, along with proper use of grammar, sentence structure, mechanics and vocabulary within those communications. Prerequisite: 5 credits of ENGL 098 with 2.0+ or placement into ENGL 099/WRT 105. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

GEOLOGY

Introduction Physical Geology (NS)

12138 GEOL& 101A (5) 11-11:50am MTWT WSC 105 Harris
Lab A 1-2:50pm W WSC 105 Harris
Lab B 3-4:50pm W WSC 105 Harris

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

Earth Surface Processes (NS)

30319 GEOL 102A (5) 10-10:50am MTWTh WSC 105 Harris
Lab A 1-2:50pm Th WSC 105 Harris
Lab B 3-4:50pm Th WSC 105 Harris

Introduces the processes that shape Earth's landscape. Includes the study of mass wasting, river dynamics, groundwater sources, glacial landforms, deserts, and coastal processes. One of more field trips may be required. Includes lab. Corequisite: MATH 098. Lab fee \$27.10.

Survey of Earth Sciences (NS)

☞ 43781 GEOL 106A1 (5) Online Reed

Study of Earth as a diverse system of interconnected processes. Explores topics in: geology, oceanography, atmospheric science, and astronomy with an emphasis on the interactions between humans and Earth. Includes lab. Lab fee \$10. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/22 – 6/21.**

Natural Hazards and Catastrophes (NS)

☞ 12134 GEOL 108A1 (5) Online Harris
Lab Online Harris

An examination of earth materials and processes through the study of earthquakes, volcanoes, landslides, floods, tsunamis, hurricanes, tornadoes, wildfires, and meteorite impacts. Examination of causes and effects on human populations and the environment; preparedness, prediction and forecasting; mitigation of risks, and case studies. Lab fee \$28.36. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Research in Geology (AE)

12137 GEOL 270A (1-12) ARR ARR WSC 105 Harris

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

HEALTH

Women's Health Issues (D) (HF)

☐☞ 12126 HLTH 120R1 (3) Online Jones

An opportunity to examine current women's health and well-being issues. Lab fee \$3.10. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Health & Wellness (HF)

☞ 12127 HLTH 130A3 (3) 9-9:50am MW MSG 106 Johnson

An exploration of current personal health issues and a presentation of contemporary approaches to obtaining and maintaining a high level of wellness. Lab fee \$3.10. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Exercise & Nutrition (HF)

☞ 12128 HLTH 140A3 (3) 11-11:50am TTh MSG 106 Johnson

☞ 12129 HLTH 140B1 (3) Online Johnson

☞ 30534 HLTH 140C1 (3) Online Bruhn

The two core components of a healthy lifestyle--a healthy diet and a safe exercise program--will be explored and developed. Students will be expected to exercise on their own. Lab fee \$3.10. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Stress Management (HF)

☞ 12130 HLTH 143A3 (2) 9-9:50am TTh MSG 106 Johnson

☐☞ 29062 HLTH 143R3 (2) 1:30-2:20pm W MOR 101 Johnson

☞ 12131 HLTH 143C1 (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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Safety and Fitness (HF)

☞ 12132 HLTH 145A3 (3) 8-8:50am MW MSG 106 Johnson

☞ 12133 HLTH 145B1 (3) Online McMullan

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 \$47.49. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B1 includes on-campus, required lab scheduled 4/26, 1-4:30pm in MSG 106.**

HISTORY

Western Civilization III (SS)

12122 HIST& 118A (5) CANCELED Peterson

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 I (SS)

☞ 12123 HIST& 146A1 (5) Online Mayfield

Analysis of American history from the pre-invasion to the Antebellum Era. Emphasis will be on the political, social, and economic changes. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

US History II (SS)

12124 HIST& 147A (5) 11-11:50am Daily WAH 115 Peterson
Analysis of American history from Antebellum Era to the Progressive Era. Emphasis will be on the political, social, and economic changes. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

US History III (SS)

12125 HIST& 148A (5) 12-12:50pm Daily WAH 115 Peterson
Analysis of American history from World War One to the present. Emphasis will be on the political, social, and economic changes.

HUMAN RELATIONS

Human Relations-Workplace

12049 H R 110A1 (5) Online McClain
43843 H R 110B1 (5) Online McClain
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. Prerequisite: HR 101 or instructor permission. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

HUMANITIES

Ethics & Cultural Values (H)(D)

12378 HUM 110A1 (5) Online Graham
An interdisciplinary course involving the study of philosophy, literature, history and religion within the context of Western and Oriental ethical systems of thought, focusing on cultural values through a study of virtue, duty, utility, and rights. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

INDUSTRIAL TRADES

Fluid Systems

12513 TRDS 140A3 (5) 8-8:50am MT TEC 133 Steidel
Lab 9-10:50am MT TEC 154 Steidel
Application of basic mathematical operations in relation to Industrial Trades. Emphasizes the use of mathematics in hydraulics and pneumatics. Includes hands-on work with hydraulic and pneumatic equipment, following safety standards. Prerequisite: MATH 095 or equivalent or instructor permission. Co-requisite: TRDS 100 or instructor permission. Lab fee \$50. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

CAD for Industry

12343 TRDS 160A3 (2) 9-10:50am W WAH 214 Gill
Introduction to computer-aided drafting (CAD), editing, dimensioning, drawing aids, and layer control design used in the industrial trades. Prerequisite: TRDS 150 or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Electrical Systems

12574 TRDS 180A3 (5) 12-12:50pm MT TEC 133 Steidel
Lab 1-2:50pm MT TEC 154 Steidel
Application of mathematical operations in relation to Industrial Trades electrical systems fundamentals, with hands on lab work using proper tools, meters and electrical equipment, always following industrial safety standards. Prerequisite: TRDS 100, TRDS 120, or equivalents; co-requisite TRDS 140 or equivalent. Lab fee \$50. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

INFORMATION TECHNOLOGY

Computer Science I Java

12504 CS& 141A3 (5) 11-11:50am MTWTh WAH 211 Kerschner
12580 CS& 141B5 (5) 11-11:50am MTWTh Virtual Kerschner
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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

Programming II

30568 IT 112A3 (5) 9-9:50am MTWTh WAH 211 Hagen
30570 IT 112B5 (5) 9-9:50am MTWTh Virtual Hagen
A course in object-oriented programming concepts. Students will develop, test, and debug object-oriented programs. Topics include classes, access modifiers, inheritance, polymorphism, encapsulation, and Unified Modeling Language (UML) class diagrams. Prerequisite: IT 111 or instructor permission. Lab fee \$50. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

Introduction to Windows OS

12140 IT 117A1 (3) Online Coleman
An introduction to the Windows Operating System. Course will cover such things as the taskbar, Start menu, recycle bin, window views, Window Explorer, storage devices, printing, saving, control panels, etc. Lab fee \$25. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Web Development I

30580 IT 121A3 (5) 10-10:50am MTWTh WAH 211 Kerschner
30582 IT 121B5 (5) 10-10:50am MTWTh Virtual Kerschner
An introduction to dynamic web design using client-side programming. The focus will be on rich user interfaces, interactivity, and asynchronous communications. Prerequisite: IT 119. Lab fee \$50. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

Software Development II

☞	30595	IT	221A3	(5)	11-11:50am	MTWTh	WAH 216	Harlan
☞	30597	IT	221B5	(5)	11-11:50am	MTWTh	Virtual	Harlan

A course in Test-Driven Development. Students will work in teams to complete complex software applications using Agile development strategies, version control systems, and testing frameworks. Prerequisite: IT 220 Software Development I. Lab fee \$50. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

Application Development Capstone

☞	30602	IT	280A3	(5)	9-9:50am	MTWTh	WAH 216	Harlan
☞	30604	IT	280B5	(5)	9-9:50am	MTWTh	Virtual	Harlan

Students will deliver a comprehensive software project that demonstrates mastery of the concepts introduced in the Application Development program. Prerequisite: IT 212, IT 220, or instructor permission. Lab fee \$50. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

MATHEMATICS

Pre-Algebra

☞	12373	MATH	096A3	(1-5)	8-8:50am	MWTh	TSB 001	Spitzer
☞	12375	MATH	096B5	(1-5)	8-8:50am	MWTh	Virtual	Spitzer
☞	12655	MATH	096C3	(1-5)	12-12:50pm	MWTh	TSB 001	Spitzer
☞	12656	MATH	096D5	(1-5)	12-12:50pm	MWTh	Virtual	Spitzer
☞	12083	MATH	096E1	(1-5)	Online			Salos

Covers percents, proportions, unit conversions, geometry, simplifying algebraic expressions and solving simple first-degree linear equations. Prerequisite: MATH 095 or appropriate test score placement. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Algebra I

☞	12374	MATH	098A3	(1-5)	8-8:50am	MWTh	TSB 001	Spitzer
☞	12086	MATH	098B5	(1-5)	8-8:50am	MWTh	Virtual	Spitzer
☞	12657	MATH	098C3	(1-5)	12-12:50pm	MWTh	TSB 001	Spitzer
☞	12658	MATH	098D5	(1-5)	12-12:50pm	MWTh	Virtual	Spitzer
☞	12087	MATH	098E1	(1-5)	Online			Salos

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Algebra II

☞	12647	MATH	099A3	(1-5)	8-8:50am	MWTh	TSB 001	Spitzer
☞	12648	MATH	099B5	(1-5)	8-8:50am	MWTh	Virtual	Spitzer
☞	12659	MATH	099C3	(1-5)	12-12:50pm	MWTh	TSB 001	Spitzer
☞	12660	MATH	099D5	(1-5)	12-12:50pm	MWTh	Virtual	Spitzer
☞	12401	MATH	099E1	(1-5)	Online			Salos

Introduces the concept of functions, their graphs and properties. Particular attention will be paid to linear, quadratic, exponential and logarithmic functions. Prerequisite: MATH 098 or equivalent. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Introduction to Discrete Structures

30379	MATH	102A	(5)	11-11:50am	MTWTh	WSC 110	Taylor
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This class is designed to introduce mathematical concepts in computer science. Topics include logic, set theory, graphs and trees, recursion, and basic modular arithmetic.

Math in Society (M)

☞	12092	MATH&	107A3	(5)	12-12:50pm	MTWTh	WSC 110	Taylor
☞	29064	MATH&	107R3	(5)	1-2:50pm	F	MOR 101	Spitzer
☞	12093	MATH&	107B1	(5)	Online			Ziegler

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Math for Elem Educ 1 (M)

☞	12641	MATH&	131AW1	(5)	Online			Staff
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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 course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/4 – 6/12.

Pre-Calculus I (M)

☞	12095	MATH&	141A3	(5)	9-9:50am	MTWTh	WSC 108	Taylor
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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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Pre-Calculus II (M)

☞	12096	MATH&	142A3	(5)	10-10:50am	MTWTh	WSC 208	Ziegler
☞	30380	MATH&	142B1	(5)	Online			Ziegler

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Introduction to Statistics (M)

12385	MATH& 146A3	(5)	9-9:50am	MTWTh	WSC 213	Kiekel
12384	MATH& 146B3	(5)	12-12:50pm	MTWTh	WSC 213	Kiekel
42355	MATH& 146N3	(5)	6-7:50pm	T	WSC 213	Lee
12103	MATH& 146C1	(5)	Online			Kiekel
42527	MATH& 146D1	(5)	Online			Kiekel
44065	MATH& 146F1	(5)	Online			Adams

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section A3 is linked with 12157 ENGL& 102C3 Composition II, both class sections must be in your shopping cart to enroll. Section F1 meets 4/22 – 6/21.**

Business Calculus (M)

12388	MATH& 148A1	(5)	Online			Ziegler
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An introduction to calculus concepts needed for business applications. Topics discussed are limits, derivative, integrals, and partial derivatives. Business applications are stressed. Prerequisite: MATH 147 or MATH& 141 or equivalent. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Calculus I (M)

12105	MATH& 151A3	(5)	8-8:50am	MTWTh	WSC 215	Taylor
12104	MATH& 151B1	(5)	Online			Lee

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Calculus II (M)

12106	MATH& 152A3	(5)	9-9:50am	MTWTh	WSC 215	Adams
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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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Elementary Differential Equations (AE)

12101	MATH 212A3	(5)	11-11:50am	MTWTh	WSC 213	Adams
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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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Calculus IV (AE)

12102	MATH 264A3	(3)	12-12:50pm	TWTh	WSC 215	Adams
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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 equivalent. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

MECHATRONICS

Sensors and Instruments

12506	MEC 220A3	(5)	9-11:50am	T	TEC 159	Gill
	Lab		12-1:50pm	T	TEC 159	Gill

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

MEDIA STUDIES

Sports Announcing for Baseball

12107	M ST 128A	(1)	2-2:50pm	W	WAH 113	Fisher
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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.

Introduction to Broadcast News (H)

12108	M ST 220A3	(5)	12-12:50pm	MTWTh	WAH 113	Fisher
	Lab		12-12:50pm	F	WAH 140	Fisher

An introduction to Broadcast News. This course includes instruction on writing, producing, and delivering news on various media outlets. Legal issues that affect the news industry will also be covered. Lab fee \$15. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Television Production

12109	M ST 262A3	(5)	1-1:50pm	MWF	WAH 113	Fisher
	Lab		1-2:50pm	TTh	WAH 140	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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

TV Broadcasting Internship

12110	M ST 281A	(1)	1-2:50pm	ARR	WAH 140	Fisher
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Designed for students who wish to produce independent video projects outside of the classroom environment. Permission of instructor required. Prerequisite: MST 260, 261, 262.

MEDICAL ASSISTANT

MA Medical Terminology

📅 12115 MA 139A3 (5) 9-9:50am MTWTh TEC 115 Layton T
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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

MA Electrocardiography

12218 MA 208A (2) ARR ARR TEC 115 Layton T
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.

MA Clinical Procedure II

📅 12120 MA 243A3 (6) 10-11:50am MTWTh TEC 115 Layton T
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. Lab fee \$175. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 4/8 – 5/10.**

MA Externship Seminar

📅 12508 MA 244A1 (1) Online Layton T
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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Class meets 5/13 – 6/21.**

MA Clinical Externship

42516 MA 245A (6) ARR ARR ARR Layton T
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 5/13 – 6/21.**

MUSIC

Music Appreciation (D) (H)

📅 12080 MUSC& 105A1 (5) Online May
Developing an understanding of music through the study of musical elements and cultural contexts. This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.

Musical Theatre (H)

12071 MUSC 118A (5) 10-10:50am MTWTh WAH 150 Kreilkamp
The study of musical theatre, its major works, its significance in theatre history, and role in American culture with an emphasis on production elements and the play in performance.

Jazz Ensemble I -VI (AE)

12419	MUSC	124N	(2)	6-8:30pm	W	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12421	MUSC	125N	(2)	6-8:30pm	W	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12627	MUSC	126N	(2)	6-8:30pm	W	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12629	MUSC	127N	(2)	6-8:30pm	W	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12632	MUSC	128N	(2)	6-8:30pm	W	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12633	MUSC	129N	(2)	6-8:30pm	W	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	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.

Music of The World (D)(H)

📅 12572 MUSC 139A3 (5) 10-10:50am TTh WAH 103 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

History of American Music (D) (H)

📅 12072 MUSC 140A1 (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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Music Theory III (H)

30417 MUSC& 143A (5) 12-1:15pm MTWTh WAH 125 Kim
A study of musical concepts, such as dominant substitutions, voice leading chords, secondary dominants, motives, and phrase structures. Prerequisite: MUSC& 142.

Concert Choir I - VI (AE)

12548	MUSC	144N	(2)	6:30-9pm	Th	WAH 107	Kim
	Lab			ARR	ARR	WAH 107	Kim
12550	MUSC	145N	(2)	6:30-9pm	Th	WAH 107	Kim
	Lab			ARR	ARR	WAH 107	Kim
12552	MUSC	146N	(2)	6:30-9pm	Th	WAH 107	Kim
	Lab			ARR	ARR	WAH 107	Kim
12554	MUSC	147N	(2)	6:30-9pm	Th	WAH 107	Kim
	Lab			ARR	ARR	WAH 107	Kim
12556	MUSC	148N	(2)	6:30-9pm	Th	WAH 107	Kim
	Lab			ARR	ARR	WAH 107	Kim
12558	MUSC	149N	(2)	6:30-9pm	Th	WAH 107	Kim
	Lab			ARR	ARR	WAH 107	Kim

A vocal ensemble performing both sacred and secular music literature. Availability for up to two evening performances is required. Lab fee \$17.49.

Functional Piano III (AE)

30416 MUSC 153A (1) 11-11:50am Th WAH 125 Kim
Functional piano study/skill for music majors. A practical course to accompany the music theory courses. Corequisite: simultaneous enrollment in music theory class. Prerequisite: MUSC 152 or instructor permission. Audition required.

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)

12538 MUSC 150A (1) ARR ARR ARR O'Donel

Applied French Horn (AE)

12539 MUSC 154A (1) ARR ARR WAH 125 Blaser

Applied Trumpet (AE)

12540 MUSC 155A (1) ARR ARR WAH 125 Blaser

Applied Trombone (AE)

12541 MUSC 156A (1) ARR ARR WAH 125 Blaser

Applied Tuba (AE)

12542 MUSC 157A (1) ARR ARR WAH 125 Blaser

Applied Euphonium (AE)

12543 MUSC 158A (1) ARR ARR WAH 125 Blaser

Applied Percussion (AE)

12544 MUSC 159A (1) ARR ARR WAH 125 Blaser

Applied Piano (AE)

12073 MUSC 160A (1) ARR ARR ARR May

Applied Violin (AE)

12074 MUSC 161A (1) ARR ARR ARR Staff

Applied Viola (AE)

12075 MUSC 162A (1) ARR ARR ARR Staff

Applied Cello (AE)

12076 MUSC 163A (1) ARR ARR ARR Staff

Applied Guitar (AE)

12077 MUSC 165A2 (1) ARR ARR Virtual Tillinghast

This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.

Applied Saxophone (AE)

12545 MUSC 166A (1) ARR ARR WAH 125 Blaser

Applied Voice (AE)

12078 MUSC 167A5 (1) ARR ARR Virtual Kim

This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.

Applied Composition (AE)

12079 MUSC 168A (1) ARR ARR May

This course teaches composition skills to students majoring in music. Students will study musical literature from various style periods and composers and will complete works based on guidelines set out by the instructor. Instructor permission and/or audition required. Corequisite: Ensemble and/or music theory. Lab fee \$300.

Applied Clarinet (AE)

12546 MUSC 169A (1) ARR ARR WAH 125 Blaser

Applied Oboe (AE)

12547 MUSC 170A (1) ARR ARR WAH 125 Blaser

Community Band I - VI (AE)

12423	MUSC	175N	(2)	7-9pm	T	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12635	MUSC	176N	(2)	7-9pm	T	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12425	MUSC	177N	(2)	7-9pm	T	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12427	MUSC	178N	(2)	7-9pm	T	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12637	MUSC	179N	(2)	7-9pm	T	WAH 152	Blaser
	Lab			ARR	ARR	WAH 152	Blaser
12639	MUSC	180N	(2)	7-9pm	T	WAH 152	Blaser
	Lab			ARR	ARR	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.

Community Orchestra I – VI (AE)

12560	MUSC	185N	(2)	7-9pm	M	WAH 152	Friedlander
	Lab			ARR	ARR	WAH 152	Friedlander
12562	MUSC	186N	(2)	7-9pm	M	WAH 152	Friedlander
	Lab			ARR	ARR	WAH 152	Friedlander
12564	MUSC	187N	(2)	7-9pm	M	WAH 152	Friedlander
	Lab			ARR	ARR	WAH 152	Friedlander
12566	MUSC	188N	(2)	7-9pm	M	WAH 152	Friedlander
	Lab			ARR	ARR	WAH 152	Friedlander
12568	MUSC	189N	(2)	7-9pm	M	WAH 152	Friedlander
	Lab			ARR	ARR	WAH 152	Friedlander
12570	MUSC	190N	(2)	7-9pm	M	WAH 152	Friedlander
	Lab			ARR	ARR	WAH 152	Friedlander

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.

NURSING

Basic Nursing Care Concepts

32233 NURS 101A3 (8) ARR ARR Gustafson

Introduction to the role of the nurse, the nursing process, and continuum of care. Professional identify, nursing scope of practice, comprehensive health assessment, infection control, skin integrity, mobility, pain and comfort, and care management are addressed in depth. Prerequisite: admission into Centralia College Nursing Program (CCNP); co-requisite: NURS 111. Lab fee \$485.52.

Common Alterations in Health 2

32235 NURS 103A5 (12) ARR MTh ARR Team Taught

Continues the development of progressive competencies which reflect program themes including the provision of a caring environment, homeostasis, and continuum of care as applied to the care of patients with alterations in renal, GI, neurological, musculoskeletal, mental health, and care of the child-bearing family. Prerequisite: NURS 102 or equivalent; co-requisite: NURS 113. Lab fee \$470.17. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Basic Nursing Care Concepts Practicum

32234 NURS 111A3 (4) ARR ARR ARR Team Taught

Practical application of health assessment and fundamental nursing skills. Emphasizes identification and mitigation of actual or potential health problems. Includes hands-on experience in the nursing lab, simulation lab, and direct patient care in the clinical setting. Prerequisite: admission into Centralia College Nursing Program (CCNP); co-requisite: NURS 101. Lab Fee \$167.79.

Common Alterations in Health 2 Practicum

32238 NURS 113A3 (5) ARR ARR ARR Team Taught

Practical application of health assessment and medical/surgical nursing skills. Emphasizes provision of medical surgical nursing care of adults in acute care, procedural, and community settings. Includes hands-on experience in the nursing lab, simulation lab, and direct patient care in the clinical setting. Prerequisite: NURS 102, NURS 112 (or equivalent); corequisite: NURS 103. Lab fee \$52.36.

Complex Management

12097 NURS 203A5 (8) ARR ARR ARR Morgenroth

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, NURS 202 and NURS 220 or equivalents, concurrent NURS 222. Lab fee \$476.11. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Transition to Practice

12094 NURS 222A (4) ARR ARR ARR Team Taught

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, NURS 202, NURS 220; co-requisite NURS 203 or equivalent. Lab fee \$46.95.

NURSING ASSISTANT

Basic Life Support for Healthcare

12510 HLSV 110A (1) ARR ARR FTC 110 Layton
30468 HLSV 110B (1) ARR ARR FTC 110 Layton

Course covers the information and skills needed for adult, child, and infant cardiopulmonary resuscitation; the use of an automated external defibrillator; recognition and treatment of choking; safety factors in training and actual rescue. Lab fee \$15. **This course is linked with HLSV 131. Students must have both linked class sections in their shopping cart in order to enroll, choose 12217 HLSV 131A3 and 12510 HLSV 110A OR 30470 HLSV 131B3 and 30468 HLSV 110B.**

Nursing Assistant Certification

12217 HLSV 131A3 (12) 8am-12pm MTWTh FTC 110 Speer
Lab ARR ARR FTC 110 Speer
Clinical 7am-12:30pm MTWTh FTC 110 Speer
30470 HLSV 131B3 (12) 1-5pm MTWTh FTC 110 Speer
Lab ARR ARR FTC 110 Speer
Clinical 12:30-5pm MTWTh ARR Speer

This comprehensive training course provides awareness of the role of the nursing assistant (WAC 246-841). A nursing assistant demonstrates competency in basic technical and communication skills and recognizes individual, cultural, and religious diversity. Specialty credentials in Dementia, Mental Health, Nurse Delegation, and Special Focus on Diabetes are included. A favorable background check is required to participate in clinicals (RCW 18.130.064). Co-requisite: HLSV 110 BLS for Healthcare. Lab fee \$290. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. This course is linked with HLSV 110. Students must have both linked class sections in their shopping cart in order to enroll. Choose 12217 HLSV 131A3 and 12510 HLSV 110A OR 30470 HLSV 131B3 and 30468 HLSV 110B.**

NUTRITION

Nutrition (NS)

12070 NUTR& 101A3 (5) 9-9:50am MTWTh WSC 210 Jewell
12069 NUTR& 101B1 (5) Online Staff
43516 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 biology or chemistry. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

OCEANOGRAPHY

Intro to Oceanography (NS)

12084 OCEA& 101A1 (5) Online Will
Lab Online Will

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

PHILOSOPHY

Introduction to Philosophy (H)

12068 PHIL& 101A1 (5) Online Baker

Investigate the assumptions philosophers have made about reality, knowledge, truth, God, morality, social construction, freedom, and paternalism. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Introduction to Ethics (H)

12067 PHIL 103A1 (5) Online Diamant

Focus on choices made in concrete circumstances. Study traditional ethical theories and present-day moral dilemmas. This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.

PHLEBOTOMY

Advanced Phlebotomy

12509 PHLE 132A3 (8) 1-2:30pm MTWTh TEC 133 Rose

Expansion of Phlebotomy skills introduced in PHLE 131. This course will offer lecture and lab sessions with emphasis on hands on practice and dexterity for successful and safe venipuncture. Prerequisite: PHLE 131 with a 2.5 GPA or higher. Lab fee \$125. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Phlebotomy for Healthcare 1

12392 PHLE 201A (5) 12:30-1:50pm MTWTh TEC 115 Boerner

Laboratory procedures and regulations as set forth by federal standards will be the focus of this course. The student phlebotomy technician will be taught how to perform Clinical Laboratory Improvement Amendments (CLIA) waived laboratory testing that is within their scope of practice in the medical office laboratory. Prerequisite: healthcare provider license MA, RN, NA-C. Lab fee \$150. **Class meets 4/8 – 5/10.**

Phlebotomy for Healthcare 2

12456 PHLE 202A (8) 10am-1:50pm MTWTh TEC 115 Boerner

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. **Class meets 5/13 – 6/21.**

PHYSICAL EDUCATION

Volleyball

30535 P E 115A (1) 12-1:30pm TTh MSG 103 Hoel

This course will cover the fundamental skills and techniques of beginning volleyball. Includes basic rules, scoring and strategy. Lab fee \$3.10.

Stretching & Flexibility (HF)

☞ 12064 P E 121A3 (1) 12-12:50pm TTh MSG 200 Johnson

☞ 12386 P E 121R3 (1) 3-3:50pm W MOR 108 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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Basic Weight Training/Conditioning (HF)

☞ 30536 P E 123A3 (1) 10-10:50am MW MSG 130 Robinson

☞ 30537 P E 123B1 (1) Online Staff

Designed to condition the musculature of the body using machine and free weights. Lab fee \$3.10. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B1 is intended for current CC athletes.**

Yoga (HF)

☞ 12065 P E 150A3 (1) 9-9:50am TTh MSG 200 Montee

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Pilates/Core (HF)

☞ 12340 P E 152A3 (1) 12-12:50pm MW MSG 200 Montee

An exercise class designed to teach breathing with movement, body mechanics, balance, coordination, spatial awareness, strength and flexibility. Lab fee \$3.10. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Beginning Tae Kwon Do (HF)

30538 P E 158N (2) 6-7:50pm MW MSG 200 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.

Lifetime Fitness (HF)

☞ 12431 P E 168B1 (2) Online Johnson

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Physical Fitness Concepts (HF)

☞ 12066 P E 229A1 (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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

PHYSICS

Engineering Physics III (NS)

12062 PHYS& 223A (5) 8-8:50am MTWTh WSC 108 Threapleton

Lab 1-2:50pm M WSC 106 Threapleton

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 \$19.22.

Research in Physics (AE)

12061 PHYS 270A (12) ARR ARR ARR Threapleton

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

POLITICAL SCIENCE

American Government (SS)

12063 POLS& 202A (5) 9-9:50am Daily WAH 115 Peterson

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

Comparative Government (D) (SS)

☞ 31661 POLS& 204A1 (5) Online Roberts

Examine political theory and application within a comparative framework: ideology, nature of participation, as well as a variety of governmental structures, and functions. Contemporary situations will provide the cases for example and analysis. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

PSYCHOLOGY

General Psychology (SS)

☞	12058	PSYC&	100A3	(5)	12-2:20pm	TTh	WSC 111	MacNamara
☐☞	12468	PSYC&	100R3	(5)	11am-12:50pm	M	MOR 108	Starroff
☞	12059	PSYC&	100B1	(5)	CANCELED			Starroff
☞	12057	PSYC&	100C1	(5)	Online			MacNamara
☞	42647	PSYC	100D1	(5)	Online			Osawa

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Lifespan Psychology (SS)

☞	12060	PSYC&	200A1	(5)	Online			MacNamara
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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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Research Methods (AE)

☞	18007	PSYC	209N3	(5)	5-6:50pm	T	WSC 208	Bryant
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Overview of scientific method, major research designs, statistical concepts and utilization of materials related to scientific journals. Prerequisites: PSYC& 100 (may be currently enrolled), eligible for ENGL& 101 and college-level math. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Introduction to Personality (AE)

☞	30424	PSYC	210A1	(5)	Online			MacNamara
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An introduction to the study of personality, including major theories, with a focus on basic principles of psychology and their application to personality development, personal growth and psychological adjustment. Prerequisite: PSYC& 100 or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Abnormal Psychology

	36034	PSYC&	220A1	(5)	Online			Starroff
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An introduction to the study of abnormal behavior, including behavioral problems, personality disorders and maladjustment, and the study of the causes, diagnoses, and treatment. Prerequisite: PSYC& 100.

SOCIOLOGY

Introduction to Sociology (D)(SS)

☞	12055	SOC&	101A3	(5)	9-9:50am	MTWTh	WSC 208	Lytle
☞	12054	SOC&	101B3	(5)	11-11:50am	MTWTh	WSC 111	Bryant
☞	12056	SOC&	101C1	(5)	Online			Tate-Libby
☞	43524	SOC&	101D1	(5)	Online			Tate-Libby

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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Introduction to Social Work

☞	34922	SOC	150A3	(5)	12-1:50pm	MW	WAH 105	Seabert
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Introduction to the field of social work, including the history of the profession; fields of practice and career opportunities; ethics and principles; diversity and social justice issues; and social welfare policies. Engages with sociological perspectives on social problems and the relationship between individuals and the social systems in which they participate. Temporary Course, Spring 2024. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Social Problems (SS)

☞	12053	SOC&	201A1	(5)	Online			Bryant
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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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

SPANISH

Spanish II (H)

☞	12052	SPAN&	122A3	(5)	1-1:50pm	MTWTh	WSC 210	Martinez
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Second 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: SPAN& 121 or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Spanish III (H)

	12051	SPAN&	123A	(5)	8-8:50am	MTWTh	WSC 210	Gorecki
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Third 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: SPAN& 122 or instructor permission.

SUBSTANCE USE DISORDER PROFESSIONAL

Introduction to SUDP

☞ 12433 SUDP 100A1 (5) Online 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Drug & Alcohol Responses

☞ 12344 SUDP 130A1 (5) Online Rabe
Physical, psychological, and behavioral response to alcohol, drugs, and compulsive behaviors. Topics include drug classification, the neurochemistry of addiction, and an overview of basic drug kinetics to include absorption, distribution, metabolism, and elimination. Prerequisite: SUDP 100 (2.0 or higher) or instructor permission is required for this course to count toward the Substance Use Disorder Professional degree. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Group Counseling

☞ 12495 SUDP 240A3 (5) 1-2:50pm T TAC 331 Rabe
An introduction to group dynamics and group process, as applied to Substance Use Disorder counseling. Topics include group formation and planning, ethical considerations, diversity, group developmental stages, documentation, and group counseling approaches/techniques. Prerequisite: SUDP 100 (2.0 or higher) or instructor permission is required for this course to count toward the Substance Use Disorder Professional degree. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Relapse Prevention

☞ 12345 SUDP 250A1 (2) Online Rabe
An overview of the recovery process with an emphasis on Relapse Prevention. Topics include identifying warning signs of relapse, Post-Acute Withdrawal Syndrome, and developing effective relapse prevention strategies and techniques with the client. Prerequisite: SUDP 100 (2.0 or higher) or instructor permission is required for this course to count toward the Substance Use Disorder Professional degree. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Supervised Practicum

☞ 12346 SUDP 260A3 (5) 8-9:30am M WAH 109 Rabe
Allows the student to bridge their classroom education and training in a supervised practicum in a pre-arranged faculty approved facility for 150 supervised hours that includes a minimum of 50 face-to-face hours under direct supervision. Prerequisite: SUDP 100 (2.0 or higher) or instructor permission is required for this course to count toward the Substance Use Disorder Professional degree. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

WELDING

Welding for Mechanics

☞ 12090 WELD 151A3 (5) ARR ARR TEC 103 Hegsted
Lab 8am-12:50pm F TEC 103 Hegsted
Introduction of cutting and welding processes. Includes information on welding equipment and material, various welding techniques and proper safety procedures. Prerequisite: DET 110 or DET 130 or instructor permission. Lab fee \$73.78. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

GTAW I

12523 WELD 159A (6) 8am-2pm MTWTh TEC 103 Peters/Hegsted
Theory and practice of oxyacetylene welding, brazing, cutting and gas tungsten arc welding (GTAW). Safety, handling and use of compressed gases, materials, types of weld joints, and procedures will be studied. Prerequisites: WELD 164, WELD 165 and WELD 267; co-requisites: WELD 195 and WELD 259. Lab fee \$143.09. **Class meets 4/8 – 5/10.**

SMAW I

32972 WELD 161A (6) 8am-2pm MTWTh ARR Peters/Hegsted
Introduction to shielded metal arc welding (SMAW). The lab consists of safety, machine setup and operation, joint design, and electrode selection. Co-requisite: WELD 165 and WELD 265. Lab fee \$173.44. **Class meets 4/8 – 5/10.**

FCAW/GMAW I

12525 WELD 164A (6) 8am-2pm MTWTh TEC 103 Peters/Hegsted
Gas metal-arc welding (GMAW) and flux-cored arc welding (FCAW) safety, setup, operation, and troubleshooting. Lab practices include butt, lap, tee, and corner joints in all positions. Prerequisite: WELD 161, WELD 165 and WELD 265. Co-requisites: WELD 175 and WELD 267. Lab fee \$173.44. **Class meets 4/8 – 5/10.**

SMAW Theory

32975 WELD 165A1 (2) Online Peters/Hegsted
Theory of shielded metal arc welding (SMAW). This class will cover safety, machine setup and operation, joint design, and electrode selection of the shield metal arc welding process as well as standards of certification and the certification process. Co-requisites: WELD 161 and WELD 265. Lab fee \$20. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

FCAW/GMAW Theory

☞ 12522 WELD 175A1 (2) Online Peters/Hegsted
Theory of GMAW and FCAW (gas and self-shielded). This class will cover safety, machine setup and operation, joint design, and electrode selection of the GMAW and FCAW processes as well as standards of certification and the certification process. Prerequisites: WELD 161, WELD 165 and WELD 265; co-requisites: WELD 164 and WELD 267. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Oxyfuel & GTAW

✓	12088	WELD	180N3	(5)	5-5:50pm	TTh	TEC 105	Daarud
		Lab			6-8:50pm	TTh	TEC 103	Daarud

Safety, setup, and welding in all positions using gas metal arc welding equipment. Lab fee \$73.78. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

GTAW Theory

✓	12528	WELD	195A1	(2)	Online			Peters/Hegsted
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Theory of the manual processes of gas tungsten arc welding (GTAW) and oxyacetylene brazing. This class will cover safety, machine setup and operation, joint design, and electrode selection as well as standards of certification and the certification process. Prerequisite: WELD 164 and WELD 267; co-requisite: WELD 259.

This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.

GTAW II

	12524	WELD	259A	(6)	8am-2pm	MTWTh	ARR	Peters/Hegsted
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Advanced Gas Tungsten Arc Welding (GTAW), all position plate and pipe welding. This course prepares welders for WABO certification. Prerequisite: WELD 164 and WELD 267; corequisite: WELD 195. Lab Fee: \$173.44. **Class meets 5/13 – 6/21.**

SMAW II

	32976	WELD	265A	(6)	8am-2pm	MTWTh	ARR	Peters/Hegsted
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The practice of advanced shielded metal arc welding (SMAW) to prepare for the Washington Association of Building Officials (WABO) certification tests on plate and pipe. Corequisites: WELD 161 and WELD 165. Lab fee: \$173.44. **Class meets 5/13 – 6/21.**

FCAW/GMAW II

	12526	WELD	267A	(6)	8am-2pm	MTWTh	TEC 103	Peters/Hegsted
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Advanced gas metal arc welding (GMAW) and flux cored arc welding (FCAW). All position plate and pipe welding. This course prepares welders for Washington Association of Building Officials (WABO) certification. Prerequisite: WELD 161 and WELD 265; Co-requisites: WELD 164 and WELD 165. Lab fee \$143.09. **Class meets 5/13 – 6/21.**

BACHELOR APPLIED SCIENCE

Intermediate Accounting II

☞ 18006 ACCT 302A1 (5) Online Brodersen

The second of a two-part course designed to teach a professional level understanding of financial accounting and reporting as it applies to business entities both publically traded and privately held. Prerequisite: BAS 301 or by permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Sociology of Health & Healthcare

☞ 18010 BASBH 325A1 (5) Online Bryant

This course explores health, illness, and healthcare from a sociological perspective. It considers the relationship between individuals' health and their cultural and structural realities, including the social determinants of health and social construction of illness. In addition, it examines healthcare professions from a sociological perspective and critically analyze the structure, functions, and outcomes of the U.S. healthcare system. Prerequisite: admission in BASBH program. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Case Management

☞ 12493 BASBH 400N3 (5) 7-8:50pm T WSC 210 McGlynn

Overview of case management within the context of human service delivery. Students develop observation, problem-solving, recording and relationships building skills through the exploration of the case management process which includes client engagement and assessment, interview techniques and collection of client engagement and assessment, interview techniques and collection of client information. Students learn how to plan and develop a case file, refer clients for services, monitor the service coordination process and terminate a case. They also explore professional responsibility and cultural diversity in the context of case management practice. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Practicum

☞ 18009 BASBH 470N3 (5) 7-8:50pm T WSC 215 Malroy

Through supervised clinical experience, the student begins hands-on training in a behavioral health/human service field. Skills focused upon are: intake interviewing, case management, assessment of client/consumer needs and intervention strategies to meet those needs, individual and group counseling, outreach activities, recording procedures, appropriate use of community referral and networking resources, staff relations, and inter-agency communications. One hundred sixty hours of recorded clinical experience are required. Prerequisite: completion of 45 credits of BASBH program coursework. Co-requisite: Enrollment in BASBH program. Lab fee \$7.21. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Capstone

☞ 30518 BASBH 471N3 (5) 7-8:50pm T WSC 215 Malroy

In the capstone course, students synthesize, apply, and extend content learned throughout the Behavioral Health degree program. In consultation with faculty, students will propose, complete, evaluate, and present a project that demonstrates their mastery of a specific component of their Behavioral Health coursework relevant to the field and to their own academic and professional goals. Prerequisite: completion of 45 credits of BASBH program coursework. Co-requisite: enrollment into BASBH program. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Metalwork & Fabrication

☞ 30527 DET 345A3 (5) 9-9:50am WTh ARR Peters/Lipp
Lab 10am-2:50pm WTh ARR Peters/Lipp

Apply layout, blueprint, weld symbol interpretation, dimension conversations, welding, machine set-ups and fabrication skills to safely complete metal fabrication projects correctly. Prerequisite: Enrollment in BAS-DT or instructor permission. Lab fee \$100. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.** Class meets 4/8 – 5/10.

Hybrid Drives Electric/Hydraulic

☞ 30531 DET 355A3 (5) 9-9:50am WTh TEC 133 Conrad
Lab 10am-2:50pm WTh TEC 135 Conrad

Theory and application of gasoline/electric hybrid, diesel/electric hybrid, and diesel/hydraulic hybrid systems as well as commonly used electric drive systems in on and off highway equipment. System maintenance and cost benefit analysis will be covered. Prerequisite: Enrollment in BAS-DT or instructor permission. Lab fee \$100. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.** Class meets 5/13 – 6/21.

Diesel Internship

30533 DET 365A (5) ARR ARR ARR Lipp

Culminating activity that requires the application of program learning outcomes to a specific job or project. Students will work to attain learning outcomes through activities and deliverables agreed upon between the student, internship provider, and instructor. Co-requisite: Admittance into BAS program or administrator approval, or co-enrolled in MGMT 460 and 25 credits of BAS courses. Lab fee \$74.21.

Teaching Art & Movement

☞ 12047 EDUC 335N3 (3) 6-7:20pm T WAH 146 Baker

Students examine current theory, research, and best practices related to the arts and movement. Instruction will include employing strategies for integrating the arts and an appreciation for the arts across and within content areas. Prerequisites: admittance into BAS program or administrator approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Language Arts and Development

🔗 12039 EDUC 345N3 (3) 5-6:20pm T **WAH 105** Grande Moody

Examine the methods for teaching writing, reading, listening, and speaking strategies and skills, including vocabulary, grammar, usage, and language development. Prerequisite: admittance into BAS-TE program or administrator approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Intermediate Reading

🔗 12040 EDUC 365N3 (3) 6:30-7:50pm T **WAH 109** Styger

Explores reading, comprehension, and literacy as it pertains to intermediate readers. Prerequisite: admittance into BAS-TE program or administrator approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Typical & Atypical Child Development

🔗 12275 EDUC 380N3 (5) 6:30-8:20pm T **WAH 103** Mackey

Examine typical and atypical development. Identify characteristics of differing abilities, including physical or medical needs and effects disabilities have on educational implications and individual and family lives. Prerequisite: admittance into BAS-TE program or instructor permission. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Education and the Law

🔗 12041 EDUC 400N3 (3) 8-9:20pm T **WAH 105** Jager

Examine educational law emphasizing rights and responsibilities of students and teachers, and current issues of education and special education. Explore current legislation, issues, and trends related to schools and special education. Prerequisite: admittance into BAS-TE program or administrator approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Exceptional Learners

🔗 12274 EDUC 410N3 (5) 8-9:20pm Th **WAH 146** Fritch

This course will identify effective, research-based instructional strategies, accommodations, and adaptations for learners with diverse academic and behavioral needs. Participants will demonstrate how to make data-based decisions informed by multiple measures of evidence. Prerequisite: admittance into BAS-TE program or administrator approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Classroom Management

🔗 12042 EDUC 421N3 (5) 5-6:50pm Th **WAH 103** Grande Moody

Students will examine current theory, research, and best practices related to classroom management. Instruction will include employing techniques and strategies for managing individual and group behavior in a variety of instructional settings. Prerequisite: admittance into BAS-TE program or administrator approval; corequisite: EDUC 483. Lab fee \$17.50. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

SPED Seminar

🔗 12228 EDUC 480N3 (2) 5-5:50pm T **WAH 146** Fritch

Students will work toward completing and documenting field tasks required for student teaching, certification, and the Special Education Portfolio as dictated by the state. Prerequisite: admission into BAS-TE program or administrator approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Practicum 3

🔗 12043 EDUC 483N3 (2) 7-7:50pm Th **WAH 103** Grande Moody

Weekly classes will provide directions on the field assignment for that specific week. Course participants spend 33 hours in the field, implementing current theory, research, and best practices related to their Classroom Management course. Prerequisite: admittance into BAS-TE program or administrator approval; corequisite: EDUC 421. Lab fee \$67. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Student Teaching SPED

🔗 12044 EDUC 490A1 (10) Online Grande Moody

Supervised instructional experience to develop, implement, practice, and evaluate theory and methods learned. Students will meet one on one or in small groups with supervising faculty. Prerequisite: EDUC 497 with a 2.0 or higher. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Student Teaching Elementary 2

🔗 12045 EDUC 498A1 (10) Online Grande Moody

Supervised instructional experience to develop, implement, practice, and evaluate theory and methods learned in BAS-TE program. Prerequisite: ENGL& 102; 2.0 or higher in all prior EDUC courses. Lab fee \$67. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Environmental Issues

🔗 18327 ENVS 440A3 (5) 10-10:50am MW WSC 101 **Carlson**

🔗 12492 ENVS 440B1 (5) Online Hueckel

🔗 18328 ENVS 440C1 (5) Online 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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Ethics (H)

🔗 30589 HUM 315A1 (5) Online 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. **This class is for BAS-IT students. This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Software Engineering II

☎ 12500 IT 340A3 (5) 8-8:50am MTWTh WAH 216 Hagen
☎ 12576 IT 340B5 (5) 8-8:50am MTWTh Virtual Hagen
Class will focus on data models, entities, normalization/denormalization, SQL, stored procedures, and general design. MS SQL Server is used for the class. Includes survey of other modern database systems such as NOSQL and Postgres. Lab fee \$50. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

Info Security for Developers

30609 IT 430A3 (5) 12-12:50pm MTWTh WAH 211 Hagen
30611 IT 430B5 (5) 12-12:50pm MTWTh Virtual Hagen

Students will examine information system security. Students will develop protocols and controls to harden information systems, and learn how vulnerabilities in information systems can be exploited using common, easy-to-access tools and techniques. Lab fee \$50. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

IT Internship

30613 IT 440A (3) ARR ARR ARR Harlan

Culminating activity requiring the application of program learning outcomes to a specific job or project. Students will work to attain learning outcomes through activities and deliverables agreed upon between the student, internship provider, and instructor. Prerequisite: admittance into BAS program or administrator approval or co-enrolled in MGMT 460 and 45 credits of BAS courses. Lab fee \$50.

BAS-IT: AD Capstone

☎ 30616 IT 460A3 (5) 1-1:50pm MTWTh WAH 216 Harlan
☎ 30617 IT 460B5 (5) 1-1:50pm MTWTh Virtual Harlan

Students will deliver a working software project, and all associated documentation to demonstrate mastery of the software development life cycle, and of modern software development methodologies. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials. Section B5 meets virtually.**

Marketing for Managers

☎ 12669 MGMT 380A3 (5) 9-9:50am MTWTh WAH 105 Crawford
☎ 18331 MGMT 380B1 (5) Online Crawford

A core course designed to develop the marketing knowledge and skills necessary for the successful manager of a profit or non-profit organization. Students will develop and present a comprehensive marketing plan. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Management of Human Resources

☎ 18333 MGMT 420A3 (5) 10-11:50am TTh WSC 206 McLain
☎ 18334 MGMT 420B1 (5) Online King

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. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Internship Seminar

☎ 12246 MGMT 460A1 (2) Online Burger
Discuss topics relevant to the workplace, such as, professional image, business etiquette, resolving conflict, problem-solving, diversity, preparing for and securing employment. Course requisite: admittance into BAS program or administrator approval. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Management Internship

☎ 12455 MGMT 470A1 (3) Online Burger
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. Prerequisite: completion of BAS-AM foundation courses and 30 additional BAS-AM core credits with a 2.0 minimum GPA. Lab fee \$76.21. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Strategic Management

☎ 12325 MGMT 490A1 (5) Online Burger
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. **These courses require reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**

Positive Psychology, Health and Aging

☎ 18008 PSYC 409N3 (5) 5-6:50pm T WSC 215 MacNamara
Students examine the foundations of positive psychology and its relationship to healthy aging through PERMA (Positive emotion, Engagement, Relationship, Meaningfulness, and Achievement), and explore positive interventions through theory, research and practice. Presents an overview on aging that includes the social aspects of aging, how personality affects aging, research on learned helplessness and specific techniques to combat depression based on cognitive behavioral therapy. Prerequisite: admission in BASBH program. **This course requires reliable access to a computer or laptop (a cell phone is not sufficient) with internet access to complete online homework and review online materials.**