

SUMMER 2022

First day of classes is July 5, 2022

Advising Schedule

Last updated July 12, 2022

SCHEDULE KEY

☞ Class has 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

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 III (AE)

☐☞ 3637 ACCT& 203RP1 (5) Online Germann

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 & 120.

Introduction to Audit

☐☞ 2886 ACCT 210RP1 (5) Online Germann

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.

ANTHROPOLOGY

Biological Anthropology (NS)

☞ 2788 ANTH& 205AP1 (5) 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. **Low-cost textbook**

Cultural Anthropology (D)(SS)

☞ 6026 ANTH& 206A3 (5) CANCELED Avalos

☐☞ 2885 ANTH& 206RP1 (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.

ART

Art Appreciation (D)(H)

☞ 2791 ART& 100AP1 (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.

Color Theory (H)

☞ 2853 ART 112AP1 (5) ARR ARR Online Decker

Understand the use of color in art through hands-on learning. Explore materials and techniques with in-class projects. Recognize color interaction and its effect on the viewer. Learn the art-historical evolution of our understanding of color.

AMERICAN SIGN LANGUAGE

Am Sign Language I (H)

2792 ASL& 121A3 (5) 12-1:20pm TTh WSC 109 Depuye-Phillips

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.

ASTRONOMY

The Solar System & the Universe (NS)

☞ 2793 ASTR 127NP1 (5) Online Garcia

Brief overview of the history and scope of astronomy, followed by a systematic study of the solar system, stars, galaxies, and the universe. Prerequisite: one-year HS algebra or MATH 098.

Observational Astronomy (NS)

☞ 17760 ASTR 128AP1 (2) Online Garcia

Introduces the night sky as seen with the naked eye and a telescope. Lectures, labs, and observations provide astronomical concepts and hands on applications of these concepts. Transportation to Onalaska's Observatory is the student's responsibility. **Lecture is online. Arranged meeting times with instructor in the evening at Onalaska Astronomy Viewing Deck (no less than four hours of lab meeting times).**

BIOLOGY

General Biology w/Lab (NS)

☞ 2795 BIOL& 160AP1 (5) Online Hammon

Surveys the structures and functions of cells and organisms. Explores basic genetic and evolutionary processes. Outlines the characteristics of life, its history, and biodiversity. Lab fee \$18.46. **Low-cost textbook**

Human Biology (NS)

☞ 2794 BIOL& 170AP1 (5) Online Ibrahim

Presents the structure, organization, and life functions of the human; cells, tissues, and organ systems; development from embryo to adult; aging and disease; human evolution and ecology. **Low-cost textbook**

BUSINESS ADMINISTRATION

Introduction to Business (AE)

☎ 5597 BUS& 101AP1 (5) Online 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. **Low-cost textbook**

Retail Management

☎ 13699 BUS 210AP1 (5) Online McClain
Gain broad perspective for all facets of retail operations including: multi-channels, merchandising, pricing, layout, store organization, site location, customer behavior, and customer service. **Low-cost textbook**

BUSINESS OFFICE TECHNOLOGY

Cooperative Work Experience

☎ 2862 BTEC 190AP1 (1-5) Online Lazo
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.

Word 1

☎ 2887 BTEC 210RP1 (5) Online Cantin
Course covers Microsoft Word in depth: document preparation, formatting, graphics, WordArt, SmartArt, tabs, columns, sorting, mail merge, styles, Quick Parts, headers/footers, references. Students will format documents to business standards. Prerequisite: IT 117, typing speed of 35 wpm, instructor permission.

Excel 1

☎ 2889 BTEC 214RP1 (5) Online Cantin
This course is a hands-on approach for beginning through intermediate level applications of Excel spreadsheet using a variety of business applications. Students will learn formulas, charts, formatting, and management of Excel files. Prerequisite: IT 117, typing speed of 35 wpm, instructor permission.

Desktop Publishing

☎ 2893 BTEC 218RP1 (4) Online Cantin
This course covers terminology, concepts, and tasks related to desktop publishing. Students will plan, create, and design publications for business and personal use. Prerequisite: IT 117, BTEC 210, typing speed of 35 wpm or instructor permission.

Word 2

☎ 2891 BTEC 219RP1 (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.

Microsoft Office-PowerPoint Module

☎ 2895 BTEC 222RP1 (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.

Excel 2

☎ 5593 BTEC 225AP1 (4) **CANCELED** Lazo
This course is a hands-on approach for intermediate- through advanced level applications of Excel spreadsheets. The focus will be on advanced formatting, functions and formulas, tables, data analysis, automating tasks, and customizing Excel. Pre/Co-requisite: Excel I.

Medical Law and Ethics

2867 BTEC 266A2 (3) 11am-12:20pm TTh Virtual Newman
This class meets virtually during the in-person class times.
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.

CHEMISTRY

Introduction to Chemistry (NS)

☎ 2798 CHEM& 121A3 (5) ARR ARR ARR Sprafka-Coleman
Lab 12-4:50pm W WSC 308 Sprafka-Coleman
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. **Low-cost textbook**

General Chemistry Preparation (NS)

☎ 2797 CHEM& 139AP1 (5) Online Sprafka-Coleman
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. **Low-cost textbook**

COMMERCIAL TRUCK DRIVING

Commercial Truck Driving

20302 CDL 100A (12) 7:30am-5pm MTWTh TEC 133 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. Pre-requisites: 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.

COMMUNICATION STUDIES

Introduction to Mass Media (H)

☎ 2807 CMST& 102AP1 (5) Online McQuarrie
A survey of the mass media in America: newspapers, magazines, books, recorded music, radio, television, motion pictures, the World Wide Web: with emphasis on structure, function, audience, content, effect and social responsibility.

Public Speaking (H)

2808 CMST& 220A (5) 9-10:20am MTWTh WAH 103 McQuarrie
☎ 2809 CMST& 220BP1 (5) Online McQuarrie
☎ 2810 CMST& 220CP1 (5) Online Kreilkamp
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. **Sections BP1 and CP1 use low-cost textbook**

COMMUNICATIONS

Dragon NaturallySpeaking

☎ 2909 COMM 100AP1 (2) Online Hoel
Designed to assist students in the development of computer and English composition skills while using Dragon NaturallySpeaking (voice recognition) and text to speech software. **Low-cost textbook**

CRIMINAL JUSTICE

Introduction to Criminal Justice

☎ 2803 CJ& 101AP1 (5) Online Miller
Examines local, state and Federal law enforcement agencies and judicial and correctional systems. Career opportunities and qualifying requirements are studied. Lab fee \$15.31.

Juvenile Justice

☎ 2806 CJ& 106BP1 (5) Online 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. Lab fee \$15.31.

Introduction to Victimology

☎ 17748 CJ 129AP1 (5) Online McFadden
Introductory course examines violent crime and victimology in American society. Factors leading to acquaintance and stranger violence, proactive and reactive strategies to crime, legal issues and self-defense measures studied and discussed. Lab fee \$13.99.

Reports, Forms & Affidavits

☎ 2801 CJ 204A3 CANCELED Staff
Investigative report writing including narratives, police reports, common forms, affidavits, and search warrants.

Criminal Investigation

☎ 2800 CJ 223A3 10:30-11:50am M WAH 115 Staff
Covers contemporary issues surrounding criminal investigation addressing the crime scene, investigative process of crimes against persons, property, vice crimes, and prosecution. It is designed to help students develop a working knowledge of criminal investigation.

DIESEL EQUIPMENT TECHNOLOGY

Forklift Certification

3593 DET 102A (1) 8am-4pm F TEC 133 Fay
3594 DET 102B (1) 8am-4pm F TEC 133 Fay

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 8/12; section B meets 8/19.**
Open educational resources – no textbook to purchase

ECONOMICS

Microeconomics (SS)

☎ 2902 ECON& 201AP1 (5) Online Rodriguez
Microeconomics is the study of households and firms and how they interact in markets under varying degrees of competition. **Low-cost textbook**

Macroeconomics (SS)

☎ 2903 ECON& 202AP1 (5) Online Rodriguez
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. **Low-cost textbook**

EDUCATION

School Age Care

☎ 5575 EDUC& 136AW1 (3) Online Staff
Develop skills to provide developmentally appropriate and culturally relevant activities/care for children ages 5-12 in a variety of settings. **This class meets 6/30 – 8/24.**

EDUCATION-EARLY CHILDHOOD

Family Child Care

☎ 5549 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 class meets 6/30 – 8/24. Low-cost textbook**

Home Visiting & Family English

☎ 5550 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 class meets 6/30 – 8/24. Low-cost textbook**

Administration of Early Childhood Education

☎ 5574 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 class meets 6/30 – 8/24. Low-cost textbook**

Language/Literacy Development

☎ 2901 ECED& 180AP1 (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.

ENGLISH

Writing & Grammar Review

☎ 6210 ENGL 98B3 (1-5) 9-10:20am MW TSB 001 Burr
☐☎ 5908 ENGL 98R3 (1-5) CANCELED Graham

This class is a condensed 6-week format.

☎ 3585 ENGL 98AP1 (1-5) Online Burr
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. **Low-cost textbook**

Fundamentals of English

☞ 6211 ENGL 99B3 (1-5) 9-10:20am MW TSB 001 Burr
☐☞ 5909 ENGL 99R3 (1-5) **CANCELED** Graham

This class is a condensed 6-week format.

☞ 6205 ENGL 99AP1 (1-5) Online Burr
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.
Low-cost textbook

English Composition I (C)

☞ 2816 ENGL& 101A3 (5) 10:30-11:50am TTh **WSC 109** Young
☞ 2817 ENGL& 101BP1 (5) Online Davidson

Expository writing course which encourages students to think and write with clarity, conciseness, and enjoyment; to organize and develop their ideas; and to express themselves sharply, economically, and grammatically. Prerequisite: students must meet mandatory placement requirements to enroll. A minimum score of 83 on the COMPASS test, a minimum score of 46 on the ASSET test, or completion of five credits of ENGL 099 with a minimum grade of 2.0. **Open educational resources - no textbook to purchase**

Composition II (C)

☞ 2814 ENGL& 102A3 (5) 10:30-11:50am TTh **TAC 338** Williams
☞ **2815 ENGL& 102BP1 (5) Online Davidson**

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. **Section BP1 open educational resources – no textbook to purchase**

Introduction to Creative Writing (H)

☞ 2812 ENGL 208A3 (5) 9-10:20am TTh **WSC 109** Young
Writers will move beyond the traditional 'academic essay' into an exploration of literary genres to include poetry, creative nonfiction, short fiction, and drama. Prerequisite: college-level writing; test into ENGL& 101. **Low-cost textbook**

Children's Literature (D)(H)

☞ 2811 ENGL 233AP1 (5) Online Williams
An examination of the diverse body of literature written for children and adolescents, as well as techniques used to read aloud to children. Classics and contemporary works will be approached chronologically and thematically. Prerequisite: ENGL& 101. **Open educational resources – no textbook to purchase**

Technical Writing (C)

☞ 2818 ENGL& 235AP1 (5) Online Davidson
An alternative to ENGL& 102 for science and engineering majors, focused on writing with clarity, objectivity, audience awareness, proper formats as well as research techniques, problem-solving, critical thinking and development of source-based writing. Prerequisite: completion of ENGL& 101 with a minimum grade of 2.0.

Writing in the Workplace

☞ 2852 WRT 105AP1 (5) Online Erickson
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.

ENVIRONMENTAL SCIENCE

Intro to Env Science w/Lab (NS)

☞ 2819 ENVS& 101AP1 (5) Online Hammon
An interdisciplinary course for non-science majors and beginning science students. Topics include biodiversity, climate, pollution, energy and food. Independent laboratories and field trips included. Students cannot receive credit for both ENVS& 100 and ENVS& 101.

HEALTH

Women's Health Issues (D) (HF)

☐☞ 5892 HLTH 120RP1 (3) Online Jones
An opportunity to examine current women's health and well-being issues.
Low-cost textbook

Health & Wellness (HF)

☞ 6073 HLTH 130AP1 (3) Online 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. **Low-cost textbook**

Exercise & Nutrition (HF)

☞ 6075 HLTH 140AP1 (3) Online Johnson
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. **Low-cost textbook**

Stress Management (HF)

☞ 6077 HLTH 143AP1 (2) Online Johnson
Understand how stress can impact quality of life. Learn methods for identifying stressors and strategies to effectively manage them. Construct a personalized stress management program. **Low-cost textbook**

Safety & Fitness (HF)

☞ 6080 HLTH 145A3 (3) ARR MSG 106 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 \$3.10.

HISTORY

Pacific NW History (SS)

☞ 2828 HIST& 214AP1 (5) Online Mayfield
Study of the early exploration and settlement of the Pacific Northwest. Emphasis will be on the economic, political and social developments. The course is designed to meet state certification requirements for teachers.
Low-cost textbook

HUMAN RELATIONS

Human Relations 101

2900 HR 101A2 (2) 10:30am-1pm Daily TAC 122 Baker
10:30am-1pm Daily TAC 122 Seabert

This class meets 9/6-9/16.

20172 HR 101E (2) 10:30am-1pm W WAH 103 Baker
10:30am-1pm W WAH 103 Seabert

5623 HR 101DP1 (2) Online O'Hern

Students learn and put into practice concepts related to college success. Topics include exploration of self, learning styles, academic strategies, degree and certificate planning, campus and online resources, effective communication, Financial Aid, and campus involvement. **Section A2 open educational resources – no textbook to purchase; section DP1 low-cost textbook**

Human Relations-Workplace

2868 HR 110AP1 (5) Online Crawford

5580 HR 110BP1 (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. **Section BP1 Open educational resources – no textbook to purchase**

INFORMATION TECHNOLOGY

Introduction to Windows OS

5585 IT 117B3 (3) CANCELED Spitzer

2821 IT 117AP1 (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.

MEDICAL ASSISTANT

MA Medical Terminology

2813 MA 139A5 (5) 8:30-9:50am MTWTh TEC 115 Boerner

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. **Low-cost textbook**

MATHEMATICS

Pre-Algebra

2896 MATH 96A3 (1-5) 7:30-8:50am MWTh TSB 001 Spitzer

2898 MATH 96B5 (1-5) 7:30-8:50am MWTh Virtual Spitzer

This class meets virtually during the in-person class times

5910 MATH 96R3 (1-5) CANCELED Dunlap

This class is a condensed 6-week format.

Covers percents, proportions, unit conversions, geometry, simplifying algebraic expressions and solving simple first-degree linear equations. Prerequisite: MATH 095 or appropriate test score placement. **Sections A3 and B5 low-cost textbook**

Algebra I

2897 MATH 98A3 (1-5) 7:30-8:50am MWTh TSB 001 Spitzer

2899 MATH 98B5 (1-5) 7:30-8:50am MWTh Virtual Spitzer

This class meets virtually during the in-person class times

20084MATH 98R3 (1-5) CANCELED Staff

This class is a condensed 6-week format.

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. **Sections A3 and B5 low-cost textbook**

Algebra II

7137 MATH 99A3 (1-5) 7:30-8:50am MWTh TSB 001 Spitzer

7138 MATH 99B5 (1-5) 7:30-8:50am MWTh Virtual Spitzer

This class meets virtually during the in-person class times

5914 MATH 99R3 (1-5) CANCELED Dunlap

This class is a condensed 6-week format.

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. **Sections A3 and B5 low-cost textbook**

Math in Society (M)

2835 MATH& 107AP1 (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. **Open educational resources – no textbook to purchase**

Pre-Calculus 1 Seminar

15248 MATH 140B3 (1) CANCELED Taylor

2836 MATH 140AP1 (1) CANCELED Ziegler

Supports skill development in students registered in MATH& 141 Pre-Calculus 1. Topics covered in this course include those defined in MATH& 141 and/or any prerequisite skills needed by the student to be successful in MATH& 141. Corequisite: MATH& 141. **Open educational resources – no textbook to purchase**

Pre-Calculus I (M)

15250 MATH& 141B3 (1) 9-10:20am MTW WAH 105 Taylor

2837 MATH& 141AP1 (5) Online Ziegler

Study of elementary functions (polynomial, exponential, logarithmic), systems of equations, matrix algebra. Modeling and problem-solving techniques are emphasized from a graphic, symbolic and numeric perspective. Prerequisite: MATH 099 or equivalent placement. **Open educational resources – no textbook to purchase**

Statistics Prep Seminar

2831 MATH 145AP1 (1) Online Kiekel

Refreshes and enhances the necessary prerequisite skills for a college-level statistics course. Topics include algebra for statistics, spreadsheet software skills, and probabilistic reasoning. Prerequisite: MATH 097, 099 or equivalent, or instructor permission. **Open educational resources – no textbook to purchase**

Introduction to Statistics (M)

2833 MATH& 146A (5) 7:30-8:50am MTWTh WAH 105 Taylor

2834 MATH& 146BP1 (5) Online Kiekel

Introduction to concepts of data collection, organization and summaries. Develop the fundamental concepts of mean, median and standard deviation, probability, probability distributions, and apply these ideas to hypothesis testing, linear regression and analysis of variance. Prerequisite: MATH 097, MATH 099 or equivalent. **Section A open educational resources – no textbook to purchase**

Calculus I (M)

2832 MATH& 151A (5) 10:30-11:50am MTWT WAH 105 Taylor
The first in a four-quarter sequence. Limits, derivatives of algebraic and some transcendental functions, applications of derivatives, and introduction to integrals. Topics covered from numerical analytical and graphical viewpoints. Prerequisites: MATH& 142 or equivalent. **Open educational resources – no textbook to purchase**

Statistical Programming (M)

☞ 2838 MATH 245AP1 (5) **CANCELED** Kiekel
Introduction to data structures and implementing procedures in statistical computing languages and spreadsheet applications. Examples may include R, Python, and Excel. Provides a foundation in computation components of data analysis. Prerequisite: MATH& 146 or equivalent, or instructor permission. **Open educational resources – no textbook to purchase**

Intermediate Statistics

☞ 2839 MATH 246AP1 (5) **CANCELED** Kiekel
Continuation of MATH& 146 (Introduction to Statistics). Expands on concepts of data collection, data cleaning, descriptive statistics, and inferential statistics. Emphasis is on statistical software and applications in data science. Prerequisite: MATH 245 or instructor permission (Co-enrollment is acceptable). **Low-cost textbook**

MUSIC

Music Appreciation (D)(H)

☞ 2841 MUSC& 105AP1 (5) **CANCELED** May
Developing an understanding of music through the study of musical elements and cultural contexts.

Music of the World (D)(H)

☞ 2840 MUSC 139AP1 (5) **CANCELED** 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.

NURSING ASSISTANT

Nursing Assistant Certification

☞ 16993 HLSV 131A3 (9) **8-8:50am** MTWTh FTC 110 Speer
Lab **9-10:50am** ARR ARR Speer
Clinical **7am-1pm** MTWTh Off Campus Speer

Awareness of the role of the nursing assistant in nursing care and skill development. Topics: maintain a safe environment, provide restorative care, communication, and practice basic concepts of care. Background check is required for clinical. Lab fee \$177.43. Lecture and Lab meet 7/5-8/1; Clinical meets 8/2-8/11.

Nurse Delegation

☞ 3700 HLSV 132A3 (2) 8am-12pm FSa FTC 110 Speer
Class for Washington caregivers who work or will work with specific populations in community-based care settings. Course covers laws pertaining to delegation and hands-on skills. Lab fee \$45. **Class meets 8/5-8/6. Low-cost textbook**

Mental Health 1

3701 HLSV 133A (1) 8am-4pm F FTC 110 Speer
Course identifies types of mental illness and common signs and symptoms. Learn capable caregiving for mental wellness. A DSHS curriculum that meets population specific training requirements. Lab fee \$15. **Class meets 7/15. Low-cost textbook**

Dementia 1

3702 HLSV 134A (1) 8am-4pm F FTC 110 Speer
Learn how dementia affects a person's body and mind. This basic understanding is the foundation on which to build skills needed to provide the best care for people with dementia. Lab fee &15. **Class meets 7/22. Low-cost textbook**

NUTRITION

Nutrition (NS)

☞ 2842 NUTR& 101AP1 (5) Online Hammon
An exploration of human nutrition with an emphasis on metabolism, digestion, dietary planning and analysis, and weight control. Prerequisite: High school-level biology or chemistry.

Introduction Food Science w/Lab (NS)

☞ 2843 NUTR 103AP1 (5) **CANCELED** Hammon
Introduction to the biology, chemistry, microbiology, ethics, history, preparation, and production of food. Includes independent laboratories and field trips. Lab fee \$18.46.

OCEANOGRAPHY

General Oceanography (S)

☞ 2845 OCEA& 101AP1 (5) Online Khandro
Explore the physical, geological, chemical and biological characteristics of the world ocean: waves and tides, ocean and atmosphere circulation, coastal features and beach processes, origin and structure of ocean basins, sediments, ocean chemistry and physics, earth structure and plate tectonics, and life in the oceans. **Open educational resources – no textbook to purchase**

PHYSICAL EDUCATION

Stretching & Flexibility (HF)

☞ 6801 P E 121A3 (1) ARR ARR MSG 200 Johnson
Learn and perform safe stretches to increase flexibility and range of motion. Understand how stretching can help decrease injury, recover after other workouts and calm the mind and body. Lab fee \$3.10. **Open educational resources – no textbook to purchase**

Lifetime Fitness (HF)

☞ 6086 P E 168AP1 (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.

PHILOSOPHY

Intro to Philosophy

10613 PHIL& 101AP1 (5) Online Graham
Investigate the assumptions philosophers have made about reality, knowledge, truth, God, morality, social construction, freedom and paternalism. **Low-cost textbook**

Introduction to Ethics (H)

☞ 2847 PHIL 103AP1 (5) Online Staff
Focus on choices made in concrete circumstances. Study traditional ethical theories and present-day moral dilemmas.

PHLEBOTOMY

Phlebotomy for Healthcare 1

☎ 2904 PHLE 201A5 (5) ARR TEC 115 Boerner
☎ Lab 10am-2:50pm MTWT TEC 115 Boerner
Overview of laboratory procedures and regulations for the medical office laboratory. Prerequisite: Healthcare provider license MA, RN, NA-C. Lab fee \$125. **Class meets 7/5-8/1. Low-cost textbook**

Phlebotomy for Healthcare 2

☎ 3703 PHLE 202A5 (8) ARR TEC 115 Rose
☎ Lab 10am-2:50pm ARR TEC 115 Rose
Expansion of Phlebotomy skills introduced in PHLE 201. This course will offer lecture and lab sessions with emphasis on hands on practice and dexterity for successful and safe venipuncture. Prerequisite: PHLE 201 with a 2.5 GPA or higher and healthcare license. Lab fee \$125. **Class meets 7/19-8/11. Low-cost textbook**

PSYCHOLOGY

General Psychology (SS)

☎ 2848 PSYC& 100AP1 (5) Online MacNamara
☎ 2849 PSYC& 100BP1 (5) Online MacNamara
An introduction to the scientific study of behavior: history, research methods, biology of behavior, lifespan development, sensation and perception, learning, memory, intelligence, motivation, emotion, personality, psychological disorders and therapies, and social psychology.

Lifespan Psychology (SS)

☎ 2850 PSYC& 200AP1 (5) Online MacNamara
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.

Abnormal Psychology (SS)

☎ 6034 PSYC& 220AP1 (5) Online Starroff
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.

READING

Improvement of Reading

☎ 3679 READ 99A3 (1-5) 10:30-11:50am MTWTh TSB 107 Enbody
☎ 6390 READ 99B5 (1-5) 10:30-11:50am MTWTh TSB 107 Enbody
Students strengthen thinking, reading comprehension, and vocabulary skills in learning to read and study textbooks, writing summaries, note taking, and test taking. Completion of course satisfies the basic skill deficiency in reading. Prerequisite: COMPASS placement (reading) 49. **Low-cost textbook**

Technical Reading

☎ 3680 READ 100A3 (1-3) 10:30-11:50am MTWTh Virtual Enbody
This class meets virtually during the in-person class times
☎ 3682 READ 100B5 (1-3) 10:30-11:50am MTWTh TSB 107 Enbody
Designed to teach discipline-specific reading strategies useful to students in both vocational and academic areas. It will also teach awareness of academic thought processes and present skills to enhance that thinking process. **Low-cost textbook**

Speed Reading

☎ 3681 READ 110A3 (1-3) CANCELED Enbody
This class meets virtually during the in-person class times.
☎ 3683 READ 110B5 (1-3) CANCELED Enbody
Self-paced course for students wishing to increase reading rate and comprehension using proper eye movements, improved vocabulary, and correct reading methods based on reading material. Prerequisite: college level reading and vocabulary skills.

SOCIOLOGY

Introduction to Sociology (SS)

☎ 2851 SOC& 101AP1 (5) Online Bryant-Anderson
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. **Low-cost textbook**

SPANISH

Spanish I (H)

☎ 3595 SPAN& 121A3 (5) 7:30-10:30am MTWTh WSC 110 Martinez
☎ 6037 SPAN& 121B5 (5) 7:30-10:30am MTWTh Virtual Martinez
This class meets virtually during the in-person class times.
First class in 100 level sequence. Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures. **Class meets 7/5 – 7/22.**

Spanish II (H)

☎ 3596 SPAN& 122A3 (5) 7:30-10:30am MTWTh WSC 110 Martinez
☎ 6047 SPAN& 122B5 (5) 7:30-10:30am MTWTh Virtual Martinez
This class meets virtually during the in-person class times.
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. **Class meets 7/22 – 8/5.**

Spanish III (H)

☎ 3597 SPAN& 123A3 (5) 7:30-10:30am MTWTh WSC 110 Martinez
☎ 6053 SPAN& 123B5 (5) 7:30-10:30am MTWTh Virtual Martinez
This class meets virtually during the in-person class times.
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. **Class meets 8/9 – 8/26.**

SUBSTANCE ABUSE DISORDER PROFESSIONAL

Counseling Techniques

☎ 6071 SUDP 110A2 (4) CANCELED Starroff
☎ 21195 SUDP 110BP1 (4) Online Starroff
An overview of techniques and theoretical approaches to substance use disorder counseling. Practical training designed to develop interviewing and substance use disorder counseling skills when working with diverse populations within all levels of care. Prerequisite: SUDP 100 (2.0 or higher) or instructor permission is required for this course to count toward the Substance Use Disorder Professional degree.

Group Counseling

☪ 6068 SUDP 240A3 (5) CANCELED Rabe

☪ 21197 SUDP 240B3 (5) 9-10:50am W WSC 111 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.

INDUSTRIAL TRADES

Electrical Systems Lab

19109 TRDS 170A (2) 1-2:50pm MT ARR Steidel

The exploration and application of fundamental principles of AC/DC electrical systems found on industrial systems. Prerequisite: TRDS 120, TRDS 140 or equivalent; co-requisite: TRDS 180. Lab fee \$85.69.

Electrical Systems

19108 TRDS 180A (3) 12-2:50pm MT Steidel

Application of mathematical operations in relation to Industrial Trades electrical systems. Prerequisite: TRDS 120, TRDS 140 or equivalent; co-requisite: TRDS 170.

WELDING

Oxyfuel & GTAW

☪ 2822 WELD 180A (5) 9-9:50am MTW TEC 105 Peters
Lab 10am-2:30pm MTW TEC 103 Peters

Safety, setup, and welding in all positions using gas metal arc welding equipment. Lab fee \$73.78. **Class meets 7/5-8/12.**

Shielded Metal Arc Welding

☪ 2824 WELD 181A (5) 9-9:50am MTW TEC 105 Peters
Lab 10am-2:30pm MTW TEC 103 Peters

Safety, setup, and welding in all positions using gas metal arc welding equipment. Lab fee \$73.78. **Class meets 7/5-8/12.**

Gas Metal Arc Welding

☪ 2826 WELD 182A (5) 9-9:50am MTW TEC 105 Peters
Lab 10am-2:30pm MTW TEC 103 Peters

Safety, setup, and welding in all positions using gas metal arc and flux cored arc welding equipment. Lab fee \$73.78. **Class meets 7/5-8/12.**

BACHELOR -APPLIED SCIENCE

Applied Financial Management

☰ 5625 MGMT 340AP1 (5) Online Burger
Surveys the application of tasks normally associated with the corporate financial manager. Topics of study include planning, controls, capital markets, capital budgeting, capital structure, and working capital management. Prerequisite: ACCT 310 with a minimum grade of 2.0.

Business Principles, Planning & Strategies

☰ 5626 MGMT 360AP1 (5) Online Burger
Core course in strategy and planning. Topics include: establishing organizational mission, formal planning, strategy formulation, and implementation. Identify strengths, weaknesses, opportunities, and threats facing organizations.

Leadership & Organizational Behavior (SS)

☰ 5624 PSYC 320AP1 (5) Online MacNamara
Relate theory and research to organizational problems by reviewing advanced concepts in motivation, perception, leadership, decision-making, communication and influence, group behavior, diversity, conflict and cooperation, politics, corporate culture, organizational structure, and environmental influences.