

## SUMMER 2021 -STARTS JULY 6

Advising Schedule –updated 7/26/21

### SCHEDULE KEY

- ☞ Class has online component(s)  
Class is offered after 4:30pm
- ☐ Class is offered at Centralia College East in Morton

### CLASS SECTION NUMBERS

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.

Courses with ☞ have online requirements. Enrollment in an online, hybrid, or web-enhanced class will result in a once per quarter, once per student \$4 fee. Additionally, a \$2 per credit fee will be applied for online courses.

### COURSE DISTRIBUTION

Courses approved as satisfying distribution requirements for degree programs are designated with Diversity (D), Humanities (H), Health and Fitness (HF), Communication (C), Natural Science (NS), Social Science (SS), Quantitative Skill (M). Courses indicated with (AE) are Academic Electives.

### ACCOUNTING

#### Prin of Accounting III (AE)

☐☞ 7628 ACCT& 203RP1 (5) Online Germann  
This course emphasizes accounting for departments and branches, cost accounting in a manufacturing environment cost-volume-profit analysis, budget preparation and analysis, standard costs, segment reporting, differential costs and revenues, and capital budgeting decisions. Prerequisites: ACCT& 201 and 202 or ACCT 200.

#### Introduction to Audit

☐☞ 7629 ACCT 210RP1 (5) Online Germann  
An introduction to the audit environment as it applies to the professional spectrum of financial accounting and reporting. Prerequisite: ACCT& 203.

### AMERICAN SIGN LANGUAGE

#### American Sign Language I (H)

☞ 7345 ASL& 121A2 (5) 12-1:20pm TTh Virtual Depuye-Phillip  
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 class meets virtually.

#### American Sign Language II (H)

☞ 7359 ASL& 122A2 (5) **CANCELED** Depuye-Phillip  
A continuation of ASL 121, with emphasis on developing fluency in American Sign Language. Prerequisite: ASL& 121 or instructor permission. This class meets virtually.

### ANTHROPOLOGY

#### Biological Anthropology (NS)

☞ 7291 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.

#### Cultural Anthropology (D)(SS)

☞ 7624 ANTH& 206A (5) **CANCELED** Avalos  
☐☞ 7623 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)

☞ 7330 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. **Low Cost Textbooks**

#### Color Theory (H)

☞ 7471 ART 112A3 (5) Arranged Hybrid 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. Lab fee \$9.33. **Low Cost Textbooks**

#### Computer Graphics (H)

☞ 7325 ART 130A2 (5) 11-11:50am MW Online Solomon  
+4 hours/week TBA  
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 class meets virtually. **Low Cost Textbooks**

### ASTRONOMY

#### The Solar System (NS)

☞ 7367 ASTR 125N3 (3) **CANCELED** Garcia  
Brief overview of the history and scope of astronomy, followed by a study of our own solar system including its sun, planets, moons, asteroids, and comets, and its origin. Some writing and computation is expected. Prerequisite: completion of MATH 098 with a 2.0 or above.

#### The Solar System & the Universe (NS)

☞ 7369 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)

☞ 7364 ASTR 128N3 (2) **CANCEL** 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. **Low Cost Textbooks**

## BIOLOGY

### General Biology w/Lab (NS)

☞ 7372 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. The course materials for this class are Open Educational Resources. **OER course:** No textbook to purchase.

### Human Biology (NS)

☞ 7370 BIOL& 170AP1 (5) Online Hite

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.

## BUSINESS ADMINISTRATION

### Intro to Business (AE)

☞ 7487 BUS& 101A5 (5) **CANCELED** Burger

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. Students attend class sessions online at set times and days using Zoom.

### Inventory Management Principles

☞ 7510 BUS 245A5 (5) **CANCELED** Burger

Basic principles of inventory management focusing on cost, quantity and control. Inventory management concepts and practices expose students to physical inventory levels, cycle counts, and economic order quantities. Use of algebraic formulas required. Prerequisite: college level math equivalent. This class meets virtually using Zoom. **Low Cost Textbooks**

### Principles of Management

☞ 7488 BUS 275AP1 (5) Online McClain

Management styles and effective management of personnel from the manager's side of business. The course is built around the four traditional functions of management and exploring management problems and practices. Real-life case problems used. Prerequisite: BUS& 101.

## BUSINESS OFFICE TECHNOLOGY

### Keyboarding for Business

☞ 7493 BTEC 101A5 (3) 10:30-11:30am M Virtual O'Hern

For students without keyboarding skills. Develop speed to 25 wpm by touch. Develop speed, accuracy, and basic word processing techniques for letters, reports, and tables. This class meets virtually using Zoom. **Low Cost Textbooks**

### Keyboard Skillbuilding I

☞ 7495 BTEC 102A5 (3) 11:30am-12:30pm M Virtual O'Hern

Individualized program for improving keyboarding techniques and increasing speed and accuracy. Upon course completion, students should be able to type at a minimum of 35 wpm with one error per minute. Prerequisite: BTEC 101 and typing speed of 25 wpm or instructor permission. This class meets virtually using Zoom. **Low Cost Textbooks**

### Applied Business Math

☞ 7499 BTEC 120AP1 (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.

## Cooperative Work Experience

☞ 7500 BTEC 190A (5) Online Lazo

This course allows students to apply classroom learning to on-the-job settings. Credit is earned for new and continued learning taking place in the work environment. Prerequisite: current or prior enrollment in BTEC 191 or instructor signature. **Low Cost Textbooks**

## Keyboard Skillbuilding II

☞ 7497 BTEC 203A5 (3) 11:30am-12:30pm M Virtual O'Hern

Individualized advanced skillbuilding program for students who have taken BTEC 102. Upon completion of this course, students should be able to type at a minimum of 50wpm with one error per minute. Prerequisite: BTEC 102 This class meets virtually using Zoom. **Low Cost Textbooks**

## Word 1

☞ 7501 BTEC 210AP1 (5) Online Lazo

☞ 7630 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

☞ 7505 BTEC 214AP1 (5) Online Lazo

☞ 7632 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

☞ 7649 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 35wpm, instructor permission.

## Word 2

☞ 7634 BTEC 219RP1 (5) Online Cantin

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

## MSO-PowerPoint

☞ 7652 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 35wpm, instructor permission.

## Medical Law and Ethics

☞ 7507 BTEC 266A5 (3) 11am-12:20pm TTh 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 class meets virtually using Zoom.

## CHEMISTRY

### Introduction to Chemistry (NS)

☞ 7377 CHEM& 121A3 (5) Virtual Sprafka

CHEM& 121A3L Lab 12-2:50pm T Sprafka

Survey of chemistry with applications in everyday life: atoms, bonds, reactions, and calculations. Prerequisite: one-year HS algebra or MATH 098. Lab fee \$27.69. **Low Cost Textbooks**

## General Chemistry Prep (NS)

☞ 7374 CHEM& 139AP1 (5) Online Sprafka  
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 Textbooks**

## COMMERCIAL TRUCK DRIVING

### Commercial Truck Driving

9461 CDL 100A (12) ARR MTWTh TEC 133 Lipp  
9462 CDL 100AL ARR ARR ARR Lipp

This course is designed to prepare students to take the State of Washington tests necessary to obtain a Commercial Driver License for the professional truck driving industry. Pre-requisites for class are: 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 3 years. Lab fee \$3100.

## COMMUNICATION STUDIES

### Intro to Mass Media (H)

☞ 7391 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)

☞ 7392 CMST& 220AP1 (5) Online McQuarrie  
☞ 7393 CMST& 220BP1 (5) Online McQuarrie  
☞ 7394 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.

## COMMUNICATIONS

### Dragon NaturallySpeaking

☞ 9597 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.

## CRIMINAL JUSTICE

### Intro to Criminal Justice (AE)

☞ 7384 CJ& 101AP1 (5) Online Belden  
Examines local, state and Federal law enforcement agencies and the judicial and correctional systems. Career opportunities and qualifying requirements are studied.

### Intro to Corrections (AE)

☞ 7387 CJ& 105AP1 (5) Online Belden  
A broad survey of the history and evolution of adult and juvenile correctional models in America. All forms of incarceration and restrictive custody are studied. Pre/corequisite: CJ& 101 or instructor permission.

### Juvenile Justice (AE)

☞ 7382 CJ& 106A3 (5) 1-3:20pm M WAH 103 Gilbertson  
☞ 7389 CJ& 106BP1 (5) Online Belden  
☞ 7390 CJ& 106CP1 (5) CANCELED Belden

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 \$14.86. **Low Cost Textbooks for each course section.**

## Criminology (AE)

☞ 7381 CJ& 112A3 (5) CANCELED Gilbertson  
Examines social components of crime, deviance, criminality, and societal reactions to crime. Includes discussion of causes and impacts of crime on society, classifications and theoretical interpretations of crime and the criminal justice system. Lab fee \$15.31. **Low Cost Textbooks**

## Domestic Violence & Abuse

☞ 7388 CJ 130AP1 (5) Online Belden  
This course examines physical and sexual domestic violence in our society. This includes spouse/partner abuse and child abuse. Contemporary investigation and intervention strategies and techniques are studied including evidence discover, collection, and preservation. **Low Cost Textbooks**

## Reports, Forms & Affidavits

☞ 7380 CJ 204A3 (5) 8-10:20am M WAH 103 Gilbertson  
Investigative report writing including narratives, police reports, common forms, affidavits, and search warrants.

## Criminal Investigation

☞ 7379 CJ 223A3 (5) 10:30am-12:50pm M WAH 105 Gilbertson  
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. Lab fee \$14.88. **Low Cost Textbooks**

## DIESEL EQUIPMENT TECHNOLOGY

### Forklift Certification

7415 DET 102A (1) 8am-4pm ARR TEC 133 Fay  
7416 DET 102B (1) 8am-4pm ARR 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. Both sections have **Low Cost Textbooks. Section A meets 7/15; section B meets 7/22.**

## ECONOMICS

### Microeconomics (SS)

☞ 9062 ECON& 201AP1 (5) Online Rodriguez  
Microeconomics is the study of households and firms and how they interact in markets under varying degrees of competition. **OER course:** No textbook to purchase.

### Macroeconomics (SS)

☞ 9063 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. **OER course:** No textbook to purchase.

## EDUCATION

### Child Development (SS)

☞ 4625 EDUC& 115AP1 (5) Online Spain  
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 ECE/EDUC course.

## Guiding Behavior

☞ 4906 EDUC& 130AS1 (3) **CANCELED** Price  
4909 EDUC& 130BS1 (3) **CANCELED** Price

Examine the principles and theories promoting social competence in young children and creating safe learning environments. Develop skills promoting effective interactions while providing positive individual guidance and enhancing group experiences. **Classes meet 6/24– 8/19.**

## School Age Care

☞ 4976 EDUC& 136AW1 (3) Online Staff  
Gain skills to provide developmentally appropriate and culturally relevant activities and care for school-age children. Focus is on preparing the environment, implementing curriculum, building relationships, guiding academic/social skill development, and community outreach. **Class meets 6/24 – 8/19.**

# EDUCATION-EARLY CHILDHOOD

## Family Child Care

☞ 4622 ECED& 134AW1 (3) Online Staff  
Learn how to manage a family childcare program. Topics include: licensing requirements, record-keeping, relationship building, communication strategies, guiding behavior, and promoting growth and development. **Class meets 6/24 – 8/19. Low Cost Textbooks**

## Home Visiting & Family Engagement

☞ 4623 ECED& 138AW1 (3) **CANCELED** Staff  
Plan and provide home visits and group activities. Promote secure parent-child relationships. Support families to provide high-quality early learning opportunities embedded in everyday routines and experiences. **Class meets 6/24 – 8/19. Low Cost Textbooks**

## Admin. of Early Childhood Education

☞ 4624 ECED& 139AW1 (3) Online Staff  
Establish administrative skills required to develop, open, operate, manage, and assess early childhood education and care programs. Explore techniques and resources available that meet Washington State licensing and NAEYC standards. **Class meets 6/24 – 8/19. Low Cost Textbooks**

## Language/Literacy Development

☞ 9044 ECED& 180AP1 (3) Online Spain  
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

☞ 7225 ENGL 098A5 (1-5) 10-11:20am Virtual Burr  
☐☞ 7780 ENGL 098RP1 (1-5) **CANCELED** 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.

## Fundamentals of English

☞ 7226 ENGL 099A5 (1-5) **CANCELED** Burr  
☐☞ 7781 ENGL 099RP1 (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.

## English Composition I (C)

☞ 7406 ENGL& 101AP1 (5) Online Erickson  
☞ 7404 ENGL& 101B3 (5) 10-10:50am MT WSC 110 Williams A  
+3 hours/week TBA

☞ 7405 ENGL& 101C3 (5) **CANCELED** Knott  
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.

## Composition II (C)

☞ 7401 ENGL& 102AP1 (5) Online Williams A  
☞ 7402 ENGL& 102BP1 (5) Online Schwarz  
☞ 7403 ENGL& 102CP1 (5) **CANCELED** Schwarz

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. All sections have **Low Cost Textbooks.**

## Intro to Creative Writing (H)

☞ 7398 ENGL 208AP1 (5) Online Foss  
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.

## Children's Literature (D)(H)

☞ 7397 ENGL 233AP1 (5) Online Williams A  
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. **Low Cost Textbooks**

## Technical Writing (C)

☞ 7407 ENGL& 235AP1 (5) Online Schwarz  
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. **Low Cost Textbooks**

## Writing in the Workplace

☞ 7470 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)

☞ 7409 ENV& 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 ENV& 100 and ENV& 101.

# HEALTH

## Health & Wellness (HF)

☞ 7425 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. **Low Cost Textbooks**

## Exercise & Nutrition (HF)

☞ 7428 HLTH 140AP1 (3) Online Johnson  
☐☞ 7627 HLTH 140RP1 (3) **CANCELED** Johnson

Two core components of a healthy lifestyle - a healthy diet and a safe exercise program - will be explained and developed. Students are expected to exercise outside of class time. Both sections have **Low Cost Textbooks**.

## Stress Management (HF)

☞ 7430 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 Textbooks**

## Safety and Fitness (HF)

☞ 7429 HLTH 145AP1 (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. **Class meets 7/14 and 7/21, 2-6pm, WSC 208.**

## Community First Aid and CPR

10139 HLTH 154B (1) 8:30am-4pm Sa FTC 108 Layton

**Basic First Aid/CPR/AED class covering critical skills needed to respond to and manage first aid, choking or sudden cardiac arrest emergencies in the first few minutes until emergency medical services(EMS) arrives. Class meets 7/17. Lab fee \$44.23.**

## HISTORY

### World Civilization I (SS) (D)

☞ 7424 HIST& 126AP1 (5) **CANCELED** Mayfield

Focuses on the origins, development, and features of societies in the ancient and classical world. This course examines the political, social, and cultural contours of societies and the interactions and relationships among different historical cultures.

### Pacific NW History (SS)

☞ 7423 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 Textbooks**

## HUMAN RELATIONS

### Human Relations 101

☞ 8732 HR 101A5 (2) 10:30am-1pm W WAH 103Baker/Seabert  
☞ 8735 HR 101B5 (2) 11am-1pm MTWTh WAH 103Baker/Seabert

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. (Formerly SDEV 150) **Section B5 class meets 9/7-9/16/21. OER courses:** No textbook to purchase.

### Human Relations-Workplace

☞ 7508 HR 110AP1 (5) Online McClain  
☞ 7509 HR 110BP1 (5) **CANCELED** McClain

Study of behavior, personality, self-management, self-development, and elementary business psychology in the workplace. Focus on understanding and demonstrating skills imperative to workplace success including communications, personal attitude, motivation, and workplace etiquette. **OER courses:** No textbook to purchase.

## INFORMATION TECHNOLOGY

### Intro to Windows OS

☞ 7413 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. **Low Cost Textbooks**

## INTENSIVE ENGLISH PROGRAM

### Comprehension Language 1 - 4

☞ 7599 IEP 070A3 (1-9) 10-11:50am M Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.  
☞ 7600 IEP 072A3 (1-9) 10-11:50am M Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.  
☞ 7601 IEP 074A3 (1-9) 10-11:50am M Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.  
☞ 7602 IEP 076A3 (1-9) 10-11:50am M Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.

Students will develop listening and reading comprehension skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score. Students attend class sessions online at set times and days.

### Communicative Language 1 - 3

☞ 7240 IEP 071A3 (1-9) 10-11:50am W Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.  
☞ 7241 IEP 073A3 (9) 10-11:50am W Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.  
☞ 7238 IEP 075A3 (9) 10-11:50am W Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.

Students will develop speaking, grammar, and composition skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score. Lab fee \$20. Students attend class sessions online at set times and days.

### Communicative Language 4

☞ 7239 IEP 077A3 (9) 10-11:50am W Virtual Shriver T  
This class includes an additional 7 hours per week, TBA.

Students will develop speaking, grammar, and composition skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score. Lab fee \$44.95. Students attend class sessions online at set times and days.

## MATHEMATICS

### Basic Mathematics

☞ 7683 MATH 095A3 (1-5) **CANCELED** Spitzer  
☞ 7685 MATH 095B5 (1-5) **CANCELED** Spitzer

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

### Pre-Algebra

☞ 7688 MATH 096A3 (1-5) 7:30-8:50am MWTh **TSB 001** Spitzer

Students enrolling in this section have the opportunity to complete MATH 096, 098, 099 in one quarter. This class includes an additional 2 hours per week, TBA. **OER course:** No textbook to purchase.

☞ 7691 MATH 096B5 (1-5) 7:30-8:50am MWTh Virtual Spitzer  
Students enrolling in this section have the opportunity to complete MATH 096, 098, 099 in one quarter. This class includes an additional 2 hours per week, TBA. **OER course:** No textbook to purchase.

☐☞ 7770 MATH 096R3 (1-5) 6-7:30pm T **TSB 001**Keahey Darwin  
This class meets face to face.

☐☞ 7771 MATH 096R5 (1-5) 6-7:30pm T **TSB 001**Keahey Darwin  
This class meets virtually using ZOOM. **OER course:** No textbook to purchase.

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

## Algebra I

☞ 7689 MATH 098A3 (1-5) 7:30-8:50am MWTh TSB 001 Spitzer  
Students enrolling in this section have the opportunity to complete MATH 096, 098, 099 in one quarter. This class includes an additional 2 hours per week, TBA. **OER course:** No textbook to purchase.

☞ 7766 MATH 098B5 (1-5) 7:30-8:50am MWTh Virtual Spitzer  
Students enrolling in this section have the opportunity to complete MATH 096, 098, 099 in one quarter. This class includes an additional 2 hours per week, TBA. **OER course:** No textbook to purchase.

☞ 7772 MATH 098R3 (1-5) 6-7:30pm T TSB 001Keahey Darwin  
This class meets face to face. **OER course:** No textbook to purchase.

☞ 7773 MATH 098R5 (1-5) 6-7:30pm T Virtual Keahey Darwin  
This class meets virtually using ZOOM. **OER course:** No textbook to purchase.

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

## Algebra II

☞ 7690 MATH 099A3 (1-5) 7:30-8:50am MWTh TSB 001 Spitzer  
Students enrolling in this section have the opportunity to complete MATH 096, 098, 099 in one quarter. This class includes an additional 2 hours per week, TBA. **OER course:** No textbook to purchase.

☞ 7768 MATH 099B5 (1-5) 7:30-8:50am MWTh Virtual Spitzer  
Students enrolling in this section have the opportunity to complete MATH 096, 098, 099 in one quarter. This class includes an additional 2 hours per week, TBA. **OER course:** No textbook to purchase.

☞ 7776 MATH 099R3 (1-5) 6-7:30pm T TSB 001Keahey Darwin  
This class meets face to face. **OER course:** No textbook to purchase.

☞ 7777 MATH 099R5 (1-5) 6-7:30pm T Virtual Keahey Darwin  
This class meets virtually using ZOOM. **OER course:** No textbook to purchase.

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.

## Math in Society (M)

☞ 7435 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. **OER course:** No textbook to purchase.

## Pre-Calc 1 Seminar

☞ 7436 MATH 140A2 (1) 9-10:20am MW Virtual 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. This class meets virtually. **Low Cost Textbooks**

## Pre-Calculus I (M)

☞ 7441 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. **OER course:** No textbook to purchase.

## Pre-Calculus II (M)

☞ 7442 MATH& 142AP1 (5) CANCELED Adams  
Graphical, numerical, symbolic development of trigonometric functions and their inverses as defined on the unit circle and right triangles; identities, equations, and applications; complex numbers, polar coordinates, parametric equations, vectors, conics, and sequences and series. Prerequisite: MATH& 141. **OER course:** No textbook to purchase.

## Statistics Prep Seminar

☞ 7431 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. **Low Cost Textbooks**

## Introduction to Stats (M)

☞ 7433 MATH& 146A3 (5) 7:30-8:50am MTWTh WSC 107 Kiekel  
☞ 7434 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. **OER courses:** No textbook to purchase.

## Calculus I (M)

☞ 7432 MATH& 151A2 (5) 10:30-11:50am MTWTh Virtual Taylor  
This class meets virtually.

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. **OER course:** No textbook to purchase.

## Statistical Programming (M)

☞ 7447 MATH 245AP1 (5) Online 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. **Low Cost Textbooks**

## Intermediate Statistics (M)

☞ 7448 MATH 246AP1 (5) Online 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. **Low Cost Textbooks**

# MEDICAL ASSISTANT

## Medical Math

☞ 7399 M A 130A5 (5) CANCELED Staff  
A mathematics course that focuses on solving applications using percent, proportion, and unit conversion as well as descriptive data interpretation. Satisfies the math requirement for Medical Assistant AAS. Prerequisite: MATH 096 or equivalent.

## MA Medical Terminology

☞ 7400 M A 139A5 (5) 8:30-9:50am MTWTh Virtual 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.

# MUSIC

## Music Appreciation (D)(H)

☞ 7451 MUSC& 105AP1 (5) Online May  
Developing an understanding of music through the study of musical elements and cultural contexts. **Low Cost Textbooks**

## Music of the World (D)(H)

☞ 7449 MUSC 139AP1 (5) Online O'Donel  
A music survey of diversity found in music around the world. Examines music as accompaniment to ceremony and ritual, aid to work and routine, and an expression of universal unchanging human emotions. Prior musical experience is not necessary. Prerequisite: proficiency in reading, grammar skills.

## NUTRITION

### Nutrition (NS)

📞 7452 NUTR& 101AP1 (5) Online Ibrahim

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.

### Intro Food Science w/Lab (NS)

📞 7453 NUTR 103AP1 (5) Online Jewell

Introduction to the biology, chemistry, microbiology, ethics, history, preparation, and production of food. Includes independent laboratories and field trips. **Low Cost Textbooks**

## OCEANOGRAPHY

### Intro to Oceanography (NS)

📞 7457 OCEA& 101AP1 (5) Online Khandro

Meets requirement for lab course.

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. **OER course:** No textbook to purchase.

## PHILOSOPHY

### Introduction to Ethics (H)

📞 7459 PHIL 103AP1 (5) Online Diamant

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

## PHLEBOTOMY

### Phleb for Healthcare 1

📞 9374 PHLE 201A5 (5) 8:30-9:50am MTWTh ARR Boerner

Overview of laboratory procedures and regulations for the medical office laboratory. Prerequisite: Health-care provider license MA, RN, NA-C. Lab fee \$125.

### Phleb for Healthcare 2

📞 9447 PHLE 202A5 (5) ARR MTWTh ARR Boerner

📞 9451 PHLE 202A3L (5) ARR ARR ARR 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 7/28-8/27.**

## PHYSICAL EDUCATION

### Stretching & Flexibility (HF)

📞 9918 P E 121AP1 (1) Online Johnson

📞 10312 P E 121BP1 (1) Online Johnson

📞 10554 P E 121CP1 (1) Online 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.

### Lifetime Fitness (HF)

📞 9362 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.

## PSYCHOLOGY

### General Psychology (SS)

📞 7460 PSYC& 100AP1 (5) Online MacNamara

📞 7461 PSYC& 100BP1 (5) Online MacNamara

📞 7462 PSYC& 100CP1 (5) **CANCELED** 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)

📞 7463 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.

## READING

### Improvement of Reading

📞 7790 READ 099A3 (1-5) 8:30-9:50am MW **TSB 105** Enbody

This class includes an additional 2 hours per week, TBA. **Low Cost Textbooks**

📞 7793 READ 099B5 (1-5) **CANCELED**

This class includes an additional 2 hours per week, TBA. **Low Cost Textbooks**

📞 7792 READ 099R3 (1-5) 6-7:30pm T **TSB 105** Enbody

This class meets face to face. **Low Cost Textbooks**

📞 7693 READ 099R5 (1-5) 6-7:30pm T **TSB 105** Enbody

This class meets virtually using ZOOM. **Low Cost Textbooks**

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.

### Technical Reading

📞 7791 READ 100A3 (3) 8:30-9:50am MW **TSB 105** Enbody

This class includes an additional 2 hours per week, TBA. **Low Cost Textbooks**

📞 7794 READ 100B5 (3) 6-7:30pm T **TSB 105** Enbody

This class includes an additional 2 hours per week, TBA. **Low Cost Textbooks**

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.

### Speed Reading

📞 7792 READ 110A3 (3) 8:30-9:50am MW **TSB 105** Enbody

This class includes an additional 2 hours per week, TBA.

📞 7795 READ 110B5 (3) 8:30-9:50am MW TBA Enbody

This class includes an additional 2 hours per week, TBA.

📞 7694 READ 110R3 (3) 6-7:30pm T **TSB 105** Enbody

📞 7695 READ 110R5 (3) 6-7:30pm T **TSB 105** 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

### Intro to Sociology (SS)

📞 7466 SOC& 101AP1 (5) Online Bryant

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 Textbooks**

## SPANISH

### Spanish I (H)

☞ 7467 SPAN& 121A3 (5) 7:30-10:30am MTWTh WSC 109 Martinez  
First class in 100 level sequence. Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures. **Class meets 7/6 – 7/23.**

### Spanish II (H)

☞ 7468 SPAN& 122A3 (5) 7:30-10:30am MTWTh WSC 109 Martinez  
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 7/26 – 8/9.**

### Spanish III (H)

☞ 7469 SPAN& 123A3 (5) 7:30-10:30am MTWTh WSC 109 Martinez  
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 8/10 – 8/27.**

## TRADES

### Industrial Safety

☞ 9365 TRDS 100A5 (5) **CANCELED** Staff  
☞ 9366 TRDS 100A3L (5) **CANCELED** Staff

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

### Mechanical Systems Lab

☞ 9369 TRDS 110A3I (2) **CANCELED** Staff  
Introduction to components and safe operation of mechanical drive systems. Machines, drive systems, and operation of various tools will be studied. Applying mechanical power transmitting devices and associated components as used in an industrial setting. Co-requisite: TRDS 120. Mechanical Systems. Lab fee 83.75.

### Mechanical Systems

☞ 9372 TRDS 120A5 (3) **CANCELED** Staff  
Mathematical operations in Industrial Trades settings, as applicable to mechanical systems and thermodynamics. Prerequisite: MATH 95 or equivalent. Co-requisite: TRDS 110.

## WELDING

### Oxyfuel & GTAW

☞ 7417 WELD 180A5 (5) Virtual Peters  
180A3L Lab 8-11:50am WTh TEC 103 Peters

Safety, setup, and welding in all positions using gas metal arc welding equipment. Lab fee \$73.78.

### Shielded Metal Arc Welding

☞ 7420 WELD 181A5 (5) Virtual Peters  
181A3L Lab 8-11:50am WTh TEC 103 Peters

Safety, setup, and welding in all positions using gas metal arc welding equipment. Lab fee \$73.78.

### Gas Metal Arc Welding

☞ 7421 WELD 182A5 (5) Virtual Peters  
182A3L Lab 8-11:50am WTh TEC 103 Peters

Safety, setup, and welding in all positions using gas metal arc welding equipment. Lab fee \$73.78.

### Arc Welding Certification

☞ 7426 WELD 285A5 (5) Virtual Peters  
285A3L Lab 8-11:50am WTh TEC 103 Peters

Practical exercises enable students to prepare for the Washington Association of Building Officials (WABO) certification tests in gas metal arc welding (GMAW), flux cored arc welding (FCAW), and shielded metal arc welding (SMAW). Prerequisite: prior welding experience required. Lab fee \$73.78. **Low Cost Textbooks**