



Spring 2021 Class Schedule

Please keep in mind that changes to the schedule may occur. Classes may be added or canceled. For the most up-to-date schedule information, please see the online schedule at <https://wa010.ctclink.us/app/catalog/classSearch>

Also for questions about classes that you need or are interested in please contact an advisor, or the instructor listed on the online schedule.

Classes with an ** are classes that begin or end on various dates within the quarter and are less than 11 weeks in length.

Accounting

ACCT& 203 Principles of Accounting III 5
Managerial concepts are explored through accounting systems, management reports, and special analysis for decision making; cost-volume-profit analysis; incremental analysis; responsibilities accounting; operational and capital budgeting; and standard cost systems. This class may include students from multiple sections. Prerequisite: 2.0 or higher in ACCT& 202. (E)

6340 ONLINE

Addiction Studies

HSSA 135 FAMILY TREATMENT/CD I 3
Exploration of dynamics of chemically dependent family during addiction and recovery. Includes therapy models useful in supporting individuals through recovery process and for restoring relationships within family. This class will include students from multiple sections.

6556 ZOOM T 3:00 – 6:00PM

HSSA 136 RELAPSE PREVENTION 3
Familiarization with symptoms, warning signs, and high-risk factors involved in relapse process, with emphasis on recovery, family-of-origin issues, relationships, self-care, and interdependence. This class may include students from multiple sections.

6557 ZOOM T 6:00 – 9:00PM

HSSA 140 GROUP COUNSELING 5
Theory and therapy models common to rehabilitation of chemically dependent through group process. This class may include students from multiple sections. Recommended: HSSA& 101, HSSA 105 AND HSSA 115

6558 ZOOM W 3:00 – 6:00PM



HSSA 145 TEACHING SKILLS FOR COUNSELORS 3

Facts about alcohol and other drug use and abuse and skills to impart these facts in a counseling environment. Includes physical effects and behavioral attitudes, family systems, health and safety, drinking and driving, treatment resources, and responsible decision-making. Offered for continuing professional education; highly recommended as an elective. This class may include students from multiple sections. Recommended: HSSA& 101 and HSSA 105.

6560 ZOOM M 3:00 – 6:00PM

HSSA 155 YOUTH CD COUNSELING & ASSESEMENT 3

Learn identifying signs and symptoms of teenage substance abuse, appropriate intervention, family dynamics, defense mechanisms and emotional honesty, treatment facilities, aftercare, and family's progress toward health. This class may include students from multiple sections.

6559 ZOOM M 6:00 – 9:00PM

HSSA 200 INTERNSHIP 5

Five credits awarded to students presenting documentation of 250 hours of supervised counseling training with agency approved by Division of Alcohol and Substance Abuse. Students must complete 2,500 total hours of supervised counseling training to obtain professional qualifications to practice as chemical dependency counselors. This class may include students from multiple sections.

6561 TBA

HSSA 250 CASE MANAGEMENT FOR PROFESSIONALS 3

Exploration/emphasis on the application of the ASAM criteria in chemical dependency case management and record-keeping. This class may include students from multiple sections. Prerequisite: HSSA 150 and permission of instructor.

6562 ZOOM T 5:00 – 8:00PM

HSSA 290 MEDICAL ASPECTS OF ADDICTION 5

This class teaches students about medical complications of substance abuse including alcohol, tobacco, cocaine, amphetamines, opiates, cannabis and benzodiazepines. Class emphasizes addiction, overdose and withdrawal and how chemicals affect the body. This class may include students from multiple sections.

6563 ZOOM M 11:30AM – 2:00PM



Administrative Office Systems

AOS 107 DATABASED APPLICATIONS I 5

Develop beginning through intermediate relational database management skills in Microsoft Access and associated technologies. Create tables, relationships, forms, and reports. Interactive training and skill-based assessments are completed in a virtual environment; projects are based on real-world business situations. Integration with cloud computing. Recommended: Touch keyboarding skills. This class may include students from multiple sections.

6341 ONLINE

AOS 110 MEDICAL TERMINOLOGY I 5

Systems approach to the study of selected roots, prefixes, and suffixes; principles of word building; study of diagnostic, operative, and symptomatic terms of body systems. Emphasis on accurate spelling and pronunciation of all medical terms. Strong component of the course is related to common medical abbreviations, selected eponyms, clinical laboratory procedures, and radiology procedures with associated terminology for each body system. This class may include students from multiple sections.

6342 ONLINE

AOS 112 POWERPOINT COMPREHENSIVE 5

Create mixed-media presentations using Microsoft PowerPoint and associated technologies. Create and share interactive presentations online with voice, video, inking and screen recording. Interactive training and skill-based assessments are completed in a virtual environment; projects are based on real-world business situations. Integration with cloud computing. This class may include students from multiple sections. Recommended: Touch keyboarding skills.

6343 ONLINE

AOS 170 BUSINESS COMMUNICATIONS 5

Apply writing skills to a variety of technical and business applications. Exercises and activities introduce the latest business communication practices. Digital coverage of social media and communication; self-recorded videos demonstrate student verbal communication skills. This class may include students from multiple sections. Recommended: Touch keyboarding skills.

6344 ONLINE

6345 ONLINE

AOS 212 ADVANCED APPLICATIONS OF OFFICE 365 5

Advanced applications of word processing, spreadsheets, presentations, and databases. Project-based application of advanced skills in an integrated, comprehensive business practice set of problems. Apply concepts and skills to create solutions to problems using Word, PowerPoint, Excel and Access. Interactive training and skill-based assessments are completed in a virtual environment; projects are based on real-world



business situations. Integration with cloud computing. AOS 205 and AOS 206 is recommended. This class may include students from multiple sections. Prerequisite: AOS 105,106, and 107.

6346 ONLINE

AOS 260 INTERNSHIP 1 - 5

Systems approach to the study of selected roots, prefixes, and suffixes; principles of word building; study of diagnostic, operative, and symptomatic terms of body systems. Emphasis on accurate spelling and pronunciation of all medical terms. Strong component of the course is related to common medical abbreviations, selected eponyms, clinical laboratory procedures, and radiology procedures with associated terminology for each body system. This class may include students from multiple sections.

6347 ONLINE

AOS 285 HEALTHCARE DOCUMENTATION I 5

Beginning healthcare documentation course designed to develop skills in transcribing and/or editing of authentic healthcare documents, incorporating basic-level skills in English language, technology, medical knowledge, proofreading, editing, and research. Taught in online format; ability to download and play digitized reports required. This class may include students from multiple sections. Prerequisites: AOS 110 and AOS 111 (or MED 102).

6348 ONLINE

AOS 286 HEALTHCARE DOCUMENTATION II 5

A second healthcare documentation course designed to refine dictation and/or editing skills in proofreading, medical terminology, and speech recognition while progressively increasing accuracy and productivity standards. Taught in an online format; ability to download and play digitized reports required. This class may include students from multiple sections. Prerequisite: AOS 285.

6349 ONLINE

AOS 299 INTEGRATED STUDY - HONORS 5

In this capstone honors course, students will complete a project relevant to their career pathway and program. The project will integrate at least two Business and IT programs (Business Administration, Administrative Office Systems, Computer Applications Technology, Multimedia Communications, Cybersecurity & Computer Forensics, or Information Technology) to provide breadth and relevance to the project. This class may include students from multiple sections. Prerequisite: Completion of 60 credits in the BUS/IT program of study with a GPA of 3.5 or higher; and completion of the English course required in the BUS/IT program of study.

6350 TBA



Art

ART 110 **INTRODUCTION TO PAINTING** **5**

Painting from past through present. Exploration of beginning painting techniques, concepts, composition problems. This class may include students from multiple sections. (H)

6352 ONLINE

ART 112 **LIFE DRAWING** **5**

The course is an introduction to creating drawings based on in-class observations of a range of posed models. The class also provides an overview of the drawing process as a form of visual thinking in relation to rendering the human figure through a variety of techniques and art-making materials ranging from charcoal and graphite to color pastels and acrylic paint. This class may include students from multiple sections. (H)

6355 ONLINE

****ART 126** **HISTORY OF ART I** **5**

The art of ancient civilizations, beginning with Paleolithic cave painting and megalithic monuments. Indian, Chinese, Japanese, Mesopotamian, Egyptian, Minoan, Greek, Etruscan, Roman, Early Christian, and Byzantine artistic traditions are studied in light of their cultural origins. Illustrated lectures. This class may include students from multiple sections. (H)

13608 ONLINE

ART 128 **HISTORY OF ART II** **5**

The art of the modern age is explored. Developments studied include Neoclassicism, Romanticism, Realism, Impressionism, the Fauves, Art Nouveau, Cubism, Surrealism, Regionalism, Abstraction, Pop Art, and Post Modernism. Illustrated lectures. This class may include students from multiple sections. (H)

6356 ONLINE

ART 205 **INTERMEDIATE PAINTING** **5**

Painting from past through present. Exploration of intermediate painting techniques, concepts, composition problems. This class may include students from multiple sections. (E) Prerequisite: ART 110 or permission of instructor.

6353 ONLINE

**ART 206 ADVANCED PAINTING 5**

Continues technical, formal and critical aspects of painting, with an emphasis on more personal point of view in aesthetic presentation. Encourages more freedom and responsibility in work. This class may include students from multiple sections. (E) Prerequisite: ART 205 or permission of instructor.

6354 ONLINE

ART 224 INTRO TO CERAMICS: HAND BUILDING 5

This course is an introduction to ceramics based materials and creative process, with emphasis on personal expression through diverse practices. Students create a series of projects utilizing a variety of traditional and innovative hand building techniques and processes to create three-dimensional sculptural forms. This class may include students from multiple sections. (H)

6357 ZOOM TH 10:20AM - 12:30PM

ART 225 INTRO TO CERAMICS: WHEEL THROWING 5

This course is an introduction to ceramics materials and creative processes, using the potter's wheel. Students create a series of projects utilizing a variety of traditional and innovative throwing techniques and firing processes to create functional forms. This class may include students from multiple sections. (H)

7420 ZOOM T 10:20AM - 12:30PM

ART 226 INTERMEDIATE CERAMICS: HAND BUILDING 5

This course helps students advance their ceramic based techniques and concepts through studio work, art theory, processes, and personal expression. The focus of the course is determined by student interests and will include a diverse offering of sculptural and functional theories and approaches to making. This class may include students from multiple sections. Prerequisite: ART 224 or permission of the instructor. (E)

6358 ZOOM TH 10:20AM - 12:30PM

ART 227 INTERMEDIATE CERAMICS: WHEEL THROWING 5

This course helps students advance their ceramic-based techniques and concepts through studio work, art theory, processes, and personal expression. Though the majority of the artwork in this course will be made utilizing the potter's wheel, the focus of the course is determined by student interests and will include a diverse offering of sculptural and functional theories and approaches to making. This class may include students from multiple sections. Prerequisite: ART 225 or permission of the instructor. (E)

6359 ZOOM T 10:20AM - 12:30PM

ART 260 SPECIAL TOPICS IN STUDIO ART I (CERAMICS) 1 - 5

The focus of the course is determined by student interests and will include a diverse offering of special topics in the advanced study of ceramics. This course helps students advance techniques and concepts



through studio work, art theory, processes and personal expression. This class may include students from multiple sections. (E) Prerequisite: Permission of instructor.

6360 ZOOM W 10:20AM - 12:30PM

ART 261 SPECIAL TOPICS IN STUDIO ART II (CERAMICS) 1 - 5

The focus of the course is determined by student interests and will include a diverse offering of special topics in the advanced study of ceramics. This course helps students advance techniques and concepts through studio work, art theory, processes and personal expression. This class may include students from multiple sections. (E) Prerequisite: Permission of the instructor.

6361 ZOOM W 10:20AM - 12:30PM

ART 262 SPECIAL TOPICS IN STUDIO ART III (CERAMICS) 1 - 5

The focus of the course is determined by student interests and will include a diverse offering of special topics in the advanced study of ceramics. This course helps students advance techniques and concepts through studio work, art theory, processes and personal expression. This class may include students from multiple sections. (E) Prerequisite: Permission of the instructor.

6362 ZOOM W 10:20AM - 12:30PM

Astronomy

ASTR& 100 SURVEY OF ASTRONOMY 5

Introduction to the universe, with emphasis on conceptual, as contrasted with mathematical, comprehension. Modern theories and observations; ideas concerning nature and evolution of galaxies; quasars, stars, black holes, planets, and solar system. This class may include students from multiple sections. (NS)

6371 ONLINE

Automotive Technology

ATEC 206 ENGINE PERFORMANCE III, DRIVEABILITY 6

An ASE/NATEF Engine Performance course covering all aspects of driveability diagnosis in modern passenger vehicles including modern fuel injection, modern ignition systems, on board computers, mechanical failures and emission failures. There is also extensive use of modern diagnostic equipment. This class may include students from multiple sections. Prerequisite: 2.0 or higher in ATEC 203 AND ATEC 205.

6365/6366 IN PERSON T 12:00 – 4:50PM (AND LAB)

**ATEC 225 AUTOMOTIVE REPAIR 5**

Hands-on experience on prescribed automobile repairs. Synthesizes prior training in a laboratory that is an operational shop. Speed and accuracy stressed. Laboratory time dedicated to repair and service of automatic transmission, automatic transaxle, and internal combustion engines. This class may include students from multiple sections. Prerequisite: Final quarter standing in Automotive Technology Program or consent of program instructor.

6369 IN PERSON MW 8:00AM – 11:50AM

ATEC 291 AUTOMOTIVE INTERNSHIP 1 - 5

Students will learn from and be mentored by professionals in the automotive industry. Employability skills will be stressed; mentor evaluations will be part of the learning process. Students will complete weekly work journals. Thirty-three hours per credit. Prerequisite: Students must be in their sixth quarter. This class may include students from multiple sections. Instructor permission required.

6370 IN PERSON TH F 8:00AM – 4:50PM

Biology

BIOL 150 MARINE BIOLOGY 5

(Formerly BIOL150L) Hands-on approach utilizing facilities at local marine laboratory, field trips, and group projects to learn biological concepts relevant to marine biology. Emphasis on local organisms and ecology. This class may include students from multiple sections. (NS) Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91.

6372/6373 ONLINE and T 1:30 – 4:50pm

BIOL 285 NATIVE PLANT PROPAGATION: SPRING 5

(Formerly BIOL 291C) Learn how to propagate native plants for local restoration projects. Through hands on training, students will propagate native plants from seed and live cuttings. Plants produced for this class will be used for various revegetation projects in the Olympic National Park and other Olympic Peninsula restoration projects. This class may include students from multiple sections. (E) BOT 101L, BOT260 and BOT261 recommended but not required.

17571/17572 IN PERSON TBA

BIOL 286 ELWHA RESTORATION RESEARCH 5

(Formerly BIOL 291D) Elwha Ecosystem Restoration, the second largest restoration project ever undertaken by the National Park Service, presents unique opportunities to learn about forest development and restoration assessment techniques in the Pacific Northwest. Olympic National Park implemented an unprecedented re-vegetation program in conjunction with dam removal, planting over 300,000 trees and



shrubs to accelerate forest development in the former reservoirs. Understanding how planting efforts influence forest succession is critical to future dam removal and other salmon restoration projects. Learn how to conduct scientific surveys of restoration sites, identify native and non-native trees and shrubs in the winter, organize and manage data and identify factors driving forest development. BOT 101L and BIOL 285 recommended but not required. This class may include students from multiple sections. (E)
Prerequisites: Eligible to enroll in 100 level MATH with MATH 90/91 or MATH 98/99 as a prerequisite.

17569/17570 IN PERSON TBA

****BIOL& 100 SURVEY OF BIOLOGY 5**

(Formerly BIOL& 100L) Introduction to the structural and functional characteristics of life. Surveys the evolutionary, ecological, cellular, and genetic biology of living organisms. This class may include students from multiple sections. (NS) Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91.

6374/6375 ONLINE

BIOL& 160 GENERAL BIOLOGY WITH LAB, CELL BIOLOGY EMPHASIS 5

(Formerly BIOL& 160L) Includes process of science, overview of central ideas of biology (unity, diversity, interdependence, evolution), basic chemistry concepts, biomolecules, cell structure, cell physiology (including enzyme function, energetics, synthesis of DNA, RNA and protein), cell reproduction, introduction to genetics. This class may include students from multiple sections. (NS) Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91.

6376/6377 ONLINE

6378/6379 ONLINE

BIOL& 223 ORGANISMAL BIOLOGY 5

(Formerly BIOL& 223L) Third course in the three-quarter sequence of introductory Biology for science students. Introduction to the study of the structure and function of plants and animals and how they cope with varying environmental conditions. This class may include students from multiple sections. (NS)
Prerequisite: BIOL& 222 (minimum 2.0)

6380/6381 ONLINE and W 1:30 – 4:50PM

BIOL& 242 HUMAN ANATOMY & PHYSIOLOGY II 5

(Formerly BIOL& 242L) Cardiovascular system; lymphatic system; immunology; respiratory system; digestive system; metabolism; urinary system; endocrine system; reproductive system; and genetics. This class may include students from multiple sections. (E) Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91; 2.0 or higher in BIOL& 241

6382/6383 ONLINE and T 1:30 – 4:50pm

6384/6385 ONLINE and TH 1:30 – 4:50pm

**BIOL& 260****MICROBIOLOGY****5**

(Formerly BIOL& 260L) Introduction to bacteria, viruses, and other microorganisms. Includes microbial structure, metabolism, genetics, ecology, technological applications, microbial diseases of humans, immunology, public health, and medical control strategies. This class may include students from multiple sections. (NS) Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91; 2.0 or higher in BIOL& 160 (BIOL& 222 may substitute for BIOL& 160).

6386/6387 ONLINE

6388/6389 ONLINE

Botany

BOT 100**PLANTS OF THE PACIFIC NORTHWEST****3**

Introduction to flowering plants, conifers, ferns, and mosses of the Pacific Northwest, with emphasis on identification, life history, ecological relationships, and distribution. Two Saturday field trips required. This class may include students from multiple sections. (E)

13710/13712 ONLINE

BOT 101**INTRO TO BOTANY****5**

(Formerly BOT 101L) Introduction to general plant biology. Anatomy, physiology, and diversity of common protists, fungi, and plants, with emphasis on plants of the Pacific Northwest. This class may include students from multiple sections. Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91. (NS)

6391/6392 ONLINE and ZOOM TH 1:30 – 4:50PM

Business

BUS 250**OPERATIONS MANAGEMENT****5**

Designed to present operations management tools that can be used to develop a competitive advantage in commercial environments. Topics will be studied using an operations management framework: Introduction to operations management thinking, strategic and operational planning, ethical issues, organizational controls and tools, risk management, and the role of technology in operations management. This class may include students from multiple sections.

6394 ONLINE

**BUS 270 MANAGEMENT INFO. SYSTEMS 5**

Introduces the fundamental concepts about management information systems and the integral role they play in a successful business. Course objectives embrace the notion that management of a modern organization requires knowledge of information systems to gain a competitive advantage, defining what they are, how they affect the organization and its employees, their strategic importance, and the role of emerging technologies in business processes. Students will develop and demonstrate proficiency in the use of key business application technologies. This class may include students from multiple sections.

6395 ONLINE

BUS 280 MANAGERIAL FINANCE 5

Focuses on maximizing economic value or wealth for business owners: a study of how to allocate scarce resources over time under conditions of uncertainty. Students will consider such financial decisions as when to introduce a new product, when to invest in new assets, when to replace existing assets, when to borrow from banks, when to issue stocks or bonds, and how much cash to maintain. Concepts of cash flow analysis and financial planning, time value of money, net present value of cash flows, valuation of stocks and bonds, capital budgeting, and ratio analysis will be explored. This class may include students from multiple sections.

6396 ONLINE

BUS& 101 INTRO TO BUSINESS 5

Introduction to business systems, processes, and the general business environment. Students explore marketing, management, finance, accounting, business law, information technology, human resources, entrepreneurship, and emerging business topics. This class may include students from multiple sections. (E)

6393 ONLINE

Chemistry

CHEM& 110 CHEMICAL CONCEPTS WITH LAB 5

(Formerly CHEM& 110L) Introduction to chemistry covering selected principles and their effect on ourselves and our environment. Intended for non-science majors wishing to improve their science literacy and develop a long-term interest in science. Includes online lab. This class may include students from multiple sections. (NS) Prerequisites: MATH 90/91 or higher; eligibility for ENGL& 101.

6411/6412 HYFLEX TWTW 9:10AM – 10:10AM and ONLINE

CHEM& 121 INTRO TO CHEMISTRY 5

(Formerly CHEM& 121L) For individuals with little or no chemistry background. Atomic nature of matter, chemical bonding, periodic table, chemical reactions, phases of matter, solutions, equilibrium, reaction rates, and nuclear reactions. Includes laboratory. This class may include students from multiple sections. (NS)



Prerequisites: MATH 98/99, MATH& 141, MATH& 142, OR MATH 151; eligibility for ENGL& 101.

6413/6414 HYFLEX TWTW 10:20AM – 11:20AM and ONLINE
6415/6416 HYFLEX TWTW 12:40 – 1:40PM and ONLINE

CHEM& 131 INTRO TO ORGANIC/BIOCHEMISTRY 5

(Formerly CHEM& 131L) Presents organic chemistry and biochemistry, with emphasis on functional groups, synthesis, and biochemical applications. This class may include students from multiple sections. (NS) Prerequisites: Eligibility for ENGL& 101; MATH 98/99 or higher; 2.0 or higher in high school chemistry or CHEM& 121; or permission of instructor.

7540/7541 HYFLEX TWTW 11:30AM – 12:30PM and ONLINE

CHEM& 163 GENERAL CHEMISTRY WITH LAB III 5

(Formerly CHEM& 163L) Introduction to equilibrium, acid-base equilibria, ionic equilibria, chemical thermodynamics (first and second laws), electrochemistry, and nuclear reactions. Three hours of lecture and four hours laboratory. This class may include students from multiple sections. (E) Prerequisite: 2.0 or higher in CHEM& 162 or permission of instructor.

6419/6420 HYFLEX TWTW 8:00 – 9:00AM and ONLINE

College Success

COLL 101 COLLEGE SUCCESS 5

In this course you will get your college career off to a strong start by exploring how to turn your interests and talents into an exciting plan for your future career and academic success. Together, we will look at the latest research on how learning works and on the habits and strategies of successful people. You will apply this knowledge toward developing your own personalized plan for success in college and in life. If you aren't sure of the direction you want to take, this course will help you explore and choose a path. Get ready for challenging readings, great discussions, and time to reflect on what you really want out of your college career. This class may include students from multiple sections. (E)

6722 ONLINE

Communication Study

CMST 121 PHOTOJOURNALISM I 5

Introduction to Photojournalism I Foundation class in use of cameras, lenses, light, composition, timing, and field techniques. Emphasis on news and feature photography with principles applicable to all visual communications, including video. Produce black and white photos for assignments, mass communications,



including the students' news service The Buccaneer. Provide own DSLR camera equipment or mobile device and USB drive for photo storage and field work. This class may include students from multiple sections. (E)

17580/17581 HYBRID T*TH 1:30-2:30PM

CMST 122 ADVANCED PHOTOJOURNALISM II 5

Intermediate/advanced class applying professional standards of journalistic photography to practical field experience and digital imagery. Produce color photos for assignments, mass communications, including the students' news service The Buccaneer. Provide own DSLR camera equipment or mobile device and USB drive for photo storage and field work. This class may include students from multiple sections. (E)

14051/14054 HYBRID T*TH 1:30-2:30PM

CMST 286 INTRO TO NEWSPAPER PRODUCTION I 3

Theory and application of principles for supervising a publication, from planning to preparation for printer. Emphasis on effective collaboration, management, news judgment, ethical decision making, editing, design, and use of computers to produce student newspaper. More advanced students fill staff management roles on the newspaper. This class may include students from multiple sections. Prerequisite: Permission of instructor.

6430/6431 HYBRID T*TH 1:30-2:30PM

CMST 287 INTRO TO NEWSPAPER PRODUCTION II 3

Theory and application of principles for supervising a publication, from planning to preparation for printer. Emphasis on effective collaboration, management, news judgment, ethical decision making, editing, design, and use of computers to produce student newspaper. More advanced students fill staff management roles on the newspaper. This class may include students from multiple sections. Prerequisite: Permission of instructor.

6432/6433 HYBRID T*TH 1:30-2:30PM

CMST 288 INTRO TO NEWSPAPER PRODUCTION III 3

Theory and application of principles for supervising a publication, from planning to preparation for printer. Emphasis on effective collaboration, management, news judgment, ethical decision making, editing, design, and use of computers to produce student newspaper. More advanced students fill staff management roles on the newspaper. This class may include students from multiple sections. Prerequisite: Permission of instructor.

6434/6435 HYBRID T*TH 1:30-2:30PM

CMST 291 ADVANCED NEWSPAPER PRODUCTION IV 3

Theory and application of principles for supervising a publication, from planning to preparation for printer. Emphasis on effective collaboration, management, news judgment, ethical decision making, editing, design, and use of computers to produce student newspaper. More advanced students fill staff management roles



on the newspaper. This class may include students from multiple sections. Prerequisite: Permission of instructor.

6436/6437 HYBRID TTH 1:30-2:30PM

CMST 292 ADVANCED NEWSPAPER PRODUCTION V 3

Theory and application of principles for supervising a publication, from planning to preparation for printer. Emphasis on effective collaboration, management, news judgment, ethical decision making, editing, design, and use of computers to produce student newspaper. More advanced students fill staff management roles on the newspaper. This class may include students from multiple sections. Prerequisite: Permission of instructor.

6438/6439 HYBRID TTH 1:30-2:30PM

CMST 293 ADVANCED NEWSPAPER PRODUCTION VI 3

Theory and application of principles for supervising a publication, from planning to preparation for printer. Emphasis on effective collaboration, management, news judgment, ethical decision making, editing, design, and use of computers to produce student newspaper. More advanced students fill staff management roles on the newspaper. This class may include students from multiple sections. Prerequisite: Permission of instructor.

6440/6441 HYBRID TTH 1:30-2:30PM

CMST& 102 INTRO TO MASS MEDIA 5

Examines vital issues for people who use mass media or are affected by it. Emphasis on freedom of expression, censorship, fair trial, privacy, ethics, law, media economics, technology, effectiveness in communicating to audiences, and relationships to social, cultural, and political values in the United States and throughout the world. This class may include students from multiple sections. (H)

6425 HYBRID ZOOM W 10:00 – 11:00AM

****CMST& 210 INTERPERSONAL COMMUNICATION 5**

Interpersonal communication theory and practice is explored in this class in regards to both dyad and group settings. Communication-as-process is explored through analysis of several areas, including: perception, listening, self-disclosure, speech apprehension, ethics, nonverbal communication, conflict, power, and dysfunctional communication relationships. This class may include students from multiple sections. (H) Prerequisite: ENGL& 101 or permission of instructor.

13948 ONLINE

**CMST& 220 PUBLIC SPEAKING 5**

Explores classic and modern elements of persuasion and applies that understanding to assemble, deliver, and evaluate extemporaneous speeches. This class may include students from multiple sections. Eligibility for or concurrent enrollment in ENGL& 101 recommended. (H)

6428 ONLINE

Computer Application

CAT 114 INTO TO MICROSOFT POWERPOINT 2

Basics of Microsoft PowerPoint, including creating and delivering a presentation, design templates, text layout styles, master slides, using clip art, drawing objects, animation to enhance presentations, working with delivery options, toolbar options, and editing tools. Recommended: Keyboarding and file management skills. This class may include student from multiple sections.

6400 ONLINE

CAT 116 WINDOWS COMPUTING OVERVIEW 1

Introduces the basic elements and functions of computer hardware and operating systems, including information on managing files, updating your PC, online personal safety and security, and an introduction to common office application features. This class may include students from multiple sections.

6401 ONLINE

CAT 117 WORD BASICS 1

A short introduction to Microsoft Word (word processing) basics. This class may include students from multiple sections. Keyboarding skills recommended.

6402 ONLINE

CAT 118 EXCEL BASICS 1

A short introduction to Microsoft Excel (spreadsheet) basics. This class may include students from multiple sections. Keyboarding skills recommended.

6403 ONLINE

CAT 119 ACCESS BASICS 1

A short introduction to Microsoft Access (database) basics. This class may include students from multiple sections. Keyboarding skills recommended.

6404 ONLINE

**CAT 130** **INTRO TO MICROSOFT WORD** **5**

Introduction to word processing covering basic concepts and terminology. Hands-on application including working with text, working with paragraphs, working with documents, managing files, and formatting. This class may include students from multiple sections. Recommended: Keyboarding and file management skills.

6406 ONLINE

CAT 140 **INTRO TO MICROSOFT EXCEL** **5**

Introduction to spreadsheets. Create, format, edit, and print worksheets; formula and function capabilities; analyze, link, and summarize data; create charts and tables; images and diagrams; work with multiple worksheets; use templates and galleries. This class may include students from multiple sections. Recommended: Keyboarding and file management skills.

6407 ONLINE

CAT 242 **INTERMEDIATE MICROSOFT EXCEL** **5**

This course will cover advanced Microsoft Excel concepts and practices that will be beneficial in math, science and business settings. This class may include students from multiple sections. Prerequisite: 2.0 or higher in CAT 140 or instructor permission.

6746 ONLINE

CAT 279 **COMPUTER APPLICATIONS TECHNOLOGY INTERNSHIP** **1 - 5**

Internship in a workplace setting of the student's choice, based on needs and interests. This class may include students from multiple sections. Prerequisites: CAT 111, CAT 114, CAT 130, CAT 140 or instructor permission.

6408 ONLINE

Computer Science

C SC 100 **INTRO TO COMPUTER SCIENCE** **5**

An introduction to fundamentals of computer science. Topics covered include algorithmic design; problem-solving techniques for computer programming; fundamentals of digital logic and computer organization; the role of the operating system; introductory programming methodology, including variables, assignment statements, control statements and subroutines(methods); programming paradigms; the compilation process; theoretical limits of computation; database structures; and social and ethical issues. This class may include students from multiple sections. (NS)

6451 ONLINE

**CS 142 COMPUTER SCIENCE II WITH JAVA 5**

A continuation of CS& 141. Includes implementation of interfaces, modularity, data structures, file I/O algorithms and analysis, searching, sorting and recursion using the Java programming language. Emphasis on learning to develop algorithms using the principles of top-down design and step-wise refinement and modularity in object-oriented programming paradigm. Includes an introduction to the functional programming paradigm, and emphasis on professional software development practices and techniques. This course pulls from the Association for Computing and Machinery (ACM) computer science knowledge unit areas including 'Algorithms and complexity, Discrete structures, Programming languages, Software development fundamentals, Software engineering, Social issues and professional practice. This class may include students from multiple sections. Prerequisite: CS& 141 and currently enrolled in MATH&141 OR 2.0 or higher in MATH& 141 with instructor permission. (E)

6449 ONLINE

Computer-Based Training

C B T 104 INTRO TO KEYBOARDING 1

This self-paced course is designed for the student with no previous typing experience. Through the use of keyboarding software the student learns the basic techniques of keying alphabet and number keys in modern computer keyboards. Emphasis is on good technique and the development of speed and accuracy. Students must purchase the keyboarding software to work at home, or can use Peninsula College's computer labs to complete all work. A maximum of 2 credits of C B T 104 and/or C B T 105 or combination thereof will count towards a degree or certificate. This class may include students from multiple sections.

6405 ONLINE

Construction Technology

GRBD 103 FINISH CARPENTRY 5

Students will learn finish carpentry techniques, craftsmanship finishing touches on construction project. Learn about traditional, colonial and modern construction styles including interior and exterior trim. This class may include students from multiple sections.

6522/6523 IN PERSON TTH 8:00 – 11:00AM

**GRBD 108 ROOF SYSTEMS AND ROOFING 5**

This class will focus on the proper and safe construction of both rafter and truss roof systems. Students will learn about various roofing material, practice flashing and installing multiple roofing products. This class may include students from multiple sections.

6524/6525 IN PERSON T*TH 11:30AM – 2:30PM

GRBD 165 INTRO TO ALTERNATIVE ENERGY 5

Students will learn about sustainable alternative energy and examine, in detail, solar, wind, and mini-hydro electricity. Perform an energy audit and analyze current energy usage. Explore components, efficiency, and requirements of each type of system and design a grid tied or an off grid sustainable alternative energy system for a single family residence. This class may include students from multiple sections.

6522/6523 IN PERSON WF 9:00AM – 12:00PM

GRBD 225 CONSTRUCTION MANAGEMENT 3

Learn leadership and ethics for construction management and the business of being a contractor. Explore legal requirements and risk analysis for a construction project. Analyze cost and project budgets. This class may include students from multiple sections.

6526 ONLINE

Criminal Justice

CJ 211 CRIMINAL INVESTIGATION 5

Criminal investigation case management, interview/interrogation techniques and methods for reconstructing past events. Provides basic skills for conducting criminal investigations. This class may include students from multiple sections.

6423 ONLINE

CJ 241 ETHICS IN CRIMINAL JUSTICE 5

Philosophical foundations of moral and ethical theory, doctrines, and controversies for understanding the necessity for practicing good moral and ethical judgment when performing criminal justice duties. This class may include students from multiple sections. Prerequisite: Completion of all 100-level CJ coursework.

6424 ONLINE

**CJ& 105** **INTRO TO CORRECTIONS** **5**

Examines institutional and community correction applications, focusing on correctional facility operations, probation, parole, and intermediate sanctions within the American criminal justice system. This class may include students from multiple sections.

6421 ONLINE

CJ& 106 **JUVENILE JUSTICE** **5**

Overview of the juvenile justice system covering due process requirements of each phase of the process. Also examines theories behind delinquency causation and discusses treatment modalities and programs. This class may include students from multiple sections.

6422 ONLINE

Cybersecurity & Computer Forensics

CSIA 190 **CYBERSECURITY II: SECURING THE MODERN ENTERPRISE** **5**

From securing networked computers to securing the web this course provides an in-depth look at the challenges and opportunities with securing the modern enterprise. This class may include students from multiple sections.

6447 ONLINE

CSIA 295 **CYBERSECURITY INTERNSHIP** **5**

Internship in a workplace setting of the student's choice, based on needs and interests. Thirty-three hours per credit. This class may include students from multiple sections. Prerequisite: Instructor permission.

6450 ONLINE

Drama

DRMA 124 **ACTING I** **5**

Acting I is an introduction to craft: the balance of external technique and internal elements in order to create a flexible but consistent process that can be used to create believable characters in a variety of settings. The class is a combination of theory and practice. Students are exposed to major post-Stanislvkian acting theories that are applied in scene and partner work. This class may include students from multiple sections. (P,H). This quarter, "Acting for the Camera" will be the class offered that provides students the opportunity to focus their lens on writing, performing, and editing their own short films to submit to the American Film Festival, Toronto International Film Festival and more. This is a hybrid class. Class will take place at the day and time listed in Canvas.

6444 HYBRID WF 12:00 – 1:30PM



Early Childhood Education

ECED 146 PRACTICUM II 3
Participation with children and staff in an approved early childhood center. Practice applying guidance procedures, implementing curriculum, and working cooperatively with staff. Lab assignments, six hours per week; seminar, one hour per week. This class may include students from multiple sections. Prerequisites: 2.0 or higher in ECED& 120 and ECED& 190. STARS approved.

6457/6463 TBA

ECED 147 PRACTICUM II
Participation with children and staff in an approved early childhood center. Practice applying guidance procedures, implementing curriculum, and working cooperatively with staff. Lab assignments, six hours per week; seminar, one hour per week. This class may include students from multiple sections. Prerequisites: 2.0 or higher in ECED 146. STARS approved.

6458/6464 ONLINE

ECED 201 INTERNSHIP 1 - 3
Individually designed field experience and seminar to work with children and/or adults (parents, staff, community) in schools, child-care, or human service agencies. This class may include students from multiple sections. Prerequisite: 15 credits of ECED. STARS approved.

6466 TBA

ECED 260 PRACTICUM III 5
Advanced practicum experience based on skill standards in a developmentally appropriate setting with qualified master teacher. Individualized opportunities for students to practice advanced teaching competencies and professional interactions with site staff and parents. This class may include students from multiple sections. STARS approved. Prerequisites: Completion of ECED& 120 and ECED& 190 (or ECE 101-103), ECED146 and 147, and at least 30 credits in ECE courses. Grade of 2.0 or higher in ECED& 120, ECED& 190, ECED 146 and ECED 147.

6475 TBA

ECED& 105 INTRO TO EARLY CHILDHOOD EDUCATION 5
Explore the foundations of early childhood education. Examine theories defining the field, issues and trends, best practices, and program models. Observe children, professionals in action. This class may include students from multiple sections. STARS approved.

6455 ONLINE

**ECED& 120 PRACTICUM****2**

This course will provide students an opportunity to focus on, develop and apply best practice for engaging in nurturing, supportive relationships with children, families, and professional peers in an early learning setting. Students will apply and additional focus of children's health and safety while promoting growth and development to relationship building with children and families. This class may include students from multiple sections. STARS approved.

6454/6462 TBA

ECED& 132 INFANTS & TODDLERS**3**

Examine the unique developmental needs of infants and toddlers. Study the role of the caregiver, relationships, developmentally appropriate practices, nurturing environments for infants and toddlers, and culturally relevant care. This class may include students from multiple sections. STARS approved.

6456 ONLINE

****ECED& 139 ADMINISTRATION OF ECE PROGRAMS****3**

This course will help students develop administrative skills required to develop, open, operate, manage, and assess early childhood education and care programs. Students will explore techniques and resources available to Washington State licensing and NAEYC standard compliance. This class may include students from multiple sections.

6453 ONLINE

ECED& 180 LANGUAGE & LITERACY DEVELOPMENT**3**

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 class may include students from multiple sections. STARS approved

6478 TBA

Economics

ECON 101 INTRO TO ECONOMICS**5**

Introduction to fundamental economic concepts through contemporary social issues. Examine how societies deal with limited resources and social, cultural, and political responses to changing economic conditions. Recommended for those seeking a greater understanding of economics and contemporary issues. This class may include students from multiple sections. Prerequisite: MATH 90/91 or AMATH 121 or concurrent enrollment; and eligibility for ENGL& 101. (SS)

6461 ONLINE

**ECON& 202 MACROECONOMICS****5**

Presents economic theories used as tools for critical thinking to show how the U.S. economy operates. Emphasis on causes and consequences of unemployment and inflation and how they affect the well-being of Americans. The use of government spending, taxation, and the monetary system to promote full employment and stable prices will be examined. Explores role of energy and natural resources in shaping our economic future. This class may include students from multiple sections. Prerequisites: AMATH 121 or MATH 90/91 and ENGL&101. (SS)

6465 ONLINE

Education

EDUC& 130 GUIDING BEHAVIOR**3**

Examine the principles and theories promoting social competence in young children and creating safe learning environments. Develop skills promoting effective interactions, providing positive individual guidance, and enhancing group experiences. This class may include students from multiple sections. STARS approved.

6460 ONLINE

EDUC& 150 CHILD, FAMILY, AND COMMUNITY**3**

Integrate the family and community contexts in which a child develops. Explore cultures and demographics of families in society, community resources, strategies for involving families in the education of their child, and tools for effective communication. This class may include students from multiple sections.

6459 ONLINE

English

ENGL 90 FUNDAMENTALS OF ENGLISH**5**

Review of sentence structure, grammar, usage, and punctuation. Introduction to essay writing. Placement based on Accuplacer score. This class may include students from multiple sections.

6481 ZOOM T*TH 9:10 – 10:10AM and ONLINE

6483 ONLINE

**ENGL 91 FUNDAMENTALS OF ENGLISH 5**

Review of sentence structure, grammar, usage, and punctuation. Introduction to essay writing. Placement based on Accuplacer score. This class may include students from multiple sections.

6484 ZOOM TTH 9:10 – 10:10AM and ONLINE
6486 ONLINE

ENGL 92 FUNDAMENTALS OF ENGLISH 5

Review of sentence structure, grammar, usage, and punctuation. Introduction to essay writing. Placement based on Accuplacer score. This class may include students from multiple sections.

6487 ZOOM TTH 9:10 – 10:10AM and ONLINE
6489 ONLINE

ENGL 240 CHILDREN'S LITERATURE 5

An examination of the variety and diversity of literature that forms a part of the imaginative experience of children and adolescents, as well as a part of a larger literary heritage, viewed in the light of their social, psychological, political, and moral implications. Exploration of book format, major genres, and works by notable authors and illustrators. This class may include students from multiple sections. (H) Prerequisite: ENGL& 101 or permission of instructor.

14269 ONLINE

ENGL& 101 ENGLISH COMPOSITION I 5

Active reading, effective writing, and critical thinking, using subjective and objective approaches. Introduction to research techniques. This class may include students from multiple sections. Prerequisite: Score of 92 or more on Accuplacer placement test, or passing ENGL 90, 91, or 92. (CC)

6495 ONLINE

ENGL& 101 ENGLISH COMPOSITION I 5

Active reading, effective writing, and critical thinking, using subjective and objective approaches. Introduction to research techniques. This class may include students from multiple sections. Prerequisite: Score of 92 or more on Accuplacer placement test, or passing ENGL 90, 91, or 92. (CC)

6496 ZOOM TTH 10:20 – 11:20AM

ENGL& 101 ENGLISH COMPOSITION I 5

Active reading, effective writing, and critical thinking, using subjective and objective approaches. Introduction to research techniques. This class may include students from multiple sections. Prerequisite: Score of 92 or more on Accuplacer placement test, or passing ENGL 90, 91, or 92. (CC)

6497 ONLINE

**ENGL& 101 ENGLISH COMPOSITION I 5**

Active reading, effective writing, and critical thinking, using subjective and objective approaches. Introduction to research techniques. This class may include students from multiple sections. Prerequisite: Score of 92 or more on Accuplacer placement test, or passing ENGL 90, 91, or 92. (CC)

6499 ZOOM MW 6:15 – 7:45PM

ENGL& 101 ENGLISH COMPOSITION I 5

Active reading, effective writing, and critical thinking, using subjective and objective approaches. Introduction to research techniques. This class may include students from multiple sections. Prerequisite: Score of 92 or more on Accuplacer placement test, or passing ENGL 90, 91, or 92. (CC)

14259 ONLINE

ENGL& 102 ENGLISH COMPOSITION II 5

Reading and writing using analytical and critical approaches. One or more research papers. Builds on concepts introduced in ENGL& 101. This class may include students from multiple sections. (CC) Prerequisite: 2.0 or better in ENGL& 101.

6469 ONLINE

ENGL& 102 ENGLISH COMPOSITION II 5

Reading and writing using analytical and critical approaches. One or more research papers. Builds on concepts introduced in ENGL& 101. This class may include students from multiple sections. (CC) Prerequisite: 2.0 or better in ENGL& 101.

6470 ONLINE

ENGL& 102 ENGLISH COMPOSITION II 5

Reading and writing using analytical and critical approaches. One or more research papers. Builds on concepts introduced in ENGL& 101. This class may include students from multiple sections. (CC) Prerequisite: 2.0 or better in ENGL& 101.

6471 ONLINE

ENGL& 102 ENGLISH COMPOSITION II 5

Reading and writing using analytical and critical approaches. One or more research papers. Builds on concepts introduced in ENGL& 101. This class may include students from multiple sections. (CC) Prerequisite: 2.0 or better in ENGL& 101.

6500 ZOOM MW 6:15 – 7:45PM

**ENGL& 226 BRITISH LITERATURE I 5**

Survey of British literature from diverse periods. Selections will vary by quarter but will include classic and influential texts. This class may include students from multiple sections. (H) Prerequisite: ENGL& 101 or permission of instructor.

7564 ONLINE

ENGL& 236 CREATIVE WRITING I 5

Beginning writing in fiction and poetry, other modes by request. Workshop approach, with discussion of work by class members and instructor. Reading of contemporary fiction, poetry, and theory. This class may include students from multiple sections. Prerequisite: ENGL& 101 or permission of instructor. (E)

6747 HYFLEX TTH 10:20 – 11:20 AM

ENGL& 245 AMERICAN LITERATURE II 5

Theme-based study of selected masterpieces of American literature in context. This class may include students from multiple sections. (H) Prerequisite: ENGL& 101 or permission of instructor.

6723 ONLINE

Environmental Science

ENVS& 100 SURVEY OF ENVIRONMENTAL SCIENCE 5

Scientific approach to understanding nature and scope of contemporary problems in our environment. This class may include students from multiple sections. (NS) Prerequisite: Eligibility for both ENGL& 101 and MATH 90/91.

6504 ONLINE

Family Life Education

F L E 153 PARENTING SKILLS 1

For parents who have a child enrolled in an early childhood cooperative laboratory program. Develops and/or enhances positive parenting skills. Parent seminars, observation, and participation in children's program. This class may include students from multiple sections.

6816 TBA

6817 TBA

6818 TBA



F L E 157 PARENT CO-OP LEADERSHIP SKILLS 1

Participate in planning activities and events that support and enhance programs for children, parents, and staff. Includes problem solving, collaborative processes, business management, group organization, and communication. This class may include students from multiple sections.

17824 TBA

F L E 163 FAMILY PROGRAMS 1

Parents and children from birth to age eight meet in a child-development laboratory. Developmentally appropriate activities are planned for children and combined with parent participation and parent education discussions. This class may include students from multiple sections.

6821 TBA

6822 TBA

6823 TBA

F L E 173 TODDLER PARENT CO-OP 2

For parents with a one-to-three-year-old child concurrently enrolled in a toddler child-study laboratory. Combines parent observation and participation assignments in children's program. Parent seminars focus on child development, parenting, and family relationship issues. This class may include students from multiple sections.

6824 TBA

F L E 177 TODDLER/PARENT LEADERSHIP 2

For parents with a one-to-three-year-old child concurrently enrolled in a toddler child-study laboratory. Combines parent observation and participation assignments in children's program. Parent seminars focus on child development, parenting, and family relationship issues. Includes group organization and leadership training. This class may include students from multiple sections.

6825 TBA

6826 TBA

6827 TBA

F L E 183 PRESCHOOL PARENT CO-OP 2

Parent students participate as teaching assistants in preschool laboratory with children ages three-to-six years. Focus on early childhood curriculum, child development and behavior, classroom dynamics, and positive guidance. This class may include students from multiple sections.

6828 TBA



Film

FILM 101 GREAT DIRECTORS IN FILM 5

Introduction to authorship in the cinema. Examination of the work of a major director or directors. Exploration of the director's life, film style, and themes. This section will focus on the work of American film director, David Lynch, whose works include Dune, Mulholland Drive, The Elephant Man, Twin Peaks, Blue Velvet, and more. Lynch is a three time Academy Award nominee for Best Director, and winner of the Palme d'Or at Cannes and one of the most cited influences of contemporary filmmakers (includes rated R films).

14279 ONLINE

First Aid

****F A 100 INDUSTRIAL FIRST AID 1**

Prepares individuals to perform basic first-aid procedures in cases of emergencies. Learn how to prevent accidents in the home and on the job. Adult CPR. Provides two-year certification. This class may include students from multiple sections.

12484 ZOOM WTHF 6:00 – 8:00PM (4/14 – 4/16) and
TBA (4/14 – 4/17) and
9:00AM – 5:00PM (4/17)

****F A 120 EMERGENCY MEDICAL TECHNICIAN 9**

This course will focus on: EMT roles and responsibilities, airway management, patient assessment, medical and trauma emergencies, anatomy and physiology, documentation, lifting and moving, and communications. Course includes practical labs and a total of 16.5 hours of clinical experience in the Emergency Department to provide direct hands-on experience. Special application is required before registration. Prerequisite: Current Health Care Provider CPR certification

12487 IN PERSON TBA
12489 IN PERSON TBA
12490 IN PERSON TBA

****F A 180 FIRST AID FOR HEALTH CARE PROVIDERS 1**

Prepares individuals to perform basic first-aid procedures in cases of emergencies. Learn how to prevent accidents in the home and on the job. Adult CPR. Provides two-year certification. This class may include students from multiple sections.

12491 IN PERSON. F 4:00 – 8:00PM (4/23) & TBA (4/23 – 4/24) & 9:00AM – 2:00PM (4/24)



French

****FRCH 112 ADV. FRENCH CONVERSATION III 1**

Continue your knowledge of the French language at an advanced level. Class is conducted completely in French. A continuation from FRCH 111. This class may include students from multiple sections. FRCH 111, equivalent or instructor permission recommended. (E)

6506 ZOOM T 1:00 – 2:30PM

General Studies

G S 121 STUDIUM GENERALE 1 - 2

Series of programs from the Humanities, Social Sciences, Natural Sciences, Vocations, and Global Issues. This class may include students from multiple sections. (E)

6507 HYFLEX TH 12:35 – 1:25 PM

G S 122 STUDIUM GENERALE 1 - 2

Series of programs from the Humanities, Social Sciences, Natural Sciences, Vocations, and Global Issues. This class may include students from multiple sections. (E)

6508 HYFLEX TH 12:35 – 1:25 PM

G S 123 STUDIUM GENERALE 1 - 2

Series of programs from the Humanities, Social Sciences, Natural Sciences, Vocations, and Global Issues. This class may include students from multiple sections. (E)

6509 HYFLEX TH 12:35 – 1:25 PM

G S 124 STUDIUM GENERALE 1 - 2

Series of programs from the Humanities, Social Sciences, Natural Sciences, Vocations, and Global Issues. This class may include students from multiple sections. (E)

6510 HYFLEX TH 12:35 – 1:25 PM

G S 125 STUDIUM GENERALE 1 - 2

Series of programs from the Humanities, Social Sciences, Natural Sciences, Vocations, and Global Issues. This class may include students from multiple sections. (E)

6511 HYFLEX TH 12:35 – 1:25 PM

**G S 126 STUDIUM GENERALE 1 - 2**

Series of programs from the Humanities, Social Sciences, Natural Sciences, Vocations, and Global Issues. This class may include students from multiple sections. (E)

6512 HYFLEX TH 12:35 – 1:25 PM

G S 185 STUDENT LEADERSHIP 2

Development of leadership skills and experiences through lecture, lab and group activities. Examines personal leadership styles, ethics, conflict resolution, communication and related topics. This class may include students from multiple sections. Prerequisite: Instructor permission

6513/6517 HYFLEX TBA

G S 187 STUDENT LEADERSHIP 2

Development of leadership skills and experiences through lecture, lab and group activities. Examines personal leadership styles, ethics, conflict resolution, communication and related topics. This class may include students from multiple sections. Instructor permission required.

6515/6519 HYFLEX TH 12:35 – 1:25 PM

Geography

****GEOG 120 INTRO TO PHYSICAL GEOGRAPHY 5**

Geodesy and mapping; introduction to atmospheric science, weather, climate, the oceans, hydrology, and the earth's heat budget. This class may include students from multiple sections. (NS) Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91.

6516 ONLINE

Geology

GEOL& 101 INTO TO PHYSICAL GEOLOGY 5

(Formerly GEOL& 101L) Introduction to geology for those intending to major in geology, geophysics, or related earth sciences. Tectonics, volcanism, earthquakes, introductory concepts of mineralogy and petrology, and survey of processes that shape the surface of the earth, including water, wind, ice, and gravity. Four hours lecture and two hours laboratory per week. This class may include students from multiple sections. Prerequisites: Eligibility for both ENGL& 101 and MATH 90/91; CHEM& 110 of equivalent recommended. (NS)

6520/6521 ONLINE



Health Education

H ED 90 HIV/AIDS LICENSURE 4 HOURS 0
Selections from etiology and epidemiology of HIV; transmission and infection control; legal and ethical issues; psychosocial issues. This class may include students from multiple sections. Confirm requirement for licensing (H ED 090 4 hour or H ED 095 7 hour) at:
www.doh.wa.gov/LicensesPermitsandCertificates/ProfessionsNewRenewUpdate

6528 ONLINE

H ED 95 HIV/AIDS LICENSURE 7 HOURS 0
Selections from etiology and epidemiology of HIV; transmission and infection control; testing and counseling; clinical manifestations and treatment; legal and ethical issues; psychosocial issues. This class may include students from multiple sections. Confirm requirement for licensing (H ED 90 4 hour or H ED 95 7 hour) at: www.doh.wa.gov/LicensesPermitsandCertificates/ProfessionsNewRenewUpdate

6529 ONLINE

H ED 180 HEALTH & WELLNESS 5
An introduction to personal health. Understanding drug and alcohol use, sexuality and reproductive issues, diseases, nutrition, diet and weight management, stress management, safety, and environmental concerns. Students will analyze their own attitudes, behaviors, and decisions that affect individual health and develop strategies for healthful living. This class may include students from multiple sections. (E)

6530 ONLINE

H ED 210 HUMAN SEXUALITY 5
An introduction to contemporary aspects of human sexuality, including development of sexuality over the lifespan, beginning with prenatal gender differentiation and proceeding through adulthood and aging. We will also cover related topics, such as interpersonal aspects of sexual relationships, sexual orientation, pregnancy, parenting choices, and STDs, including HIV/AIDS. This class may include students from multiple sections. (E) ENGL& 101 strongly recommended.

17582 ONLINE

History

****HIST& 128 WORLD CIVILIZATION III 5**
Comparative historical study of the world's major civilizations (African, Asian, Middle East, European, and American) from the beginning of industrialization to today's global world. There will be an emphasis on



material existence and understanding value systems. We will delve into how these are expressed in different political, social, economic, cultural, and religious systems as well as in literature and art. This class may include students from multiple sections. (SS)

7592 ONLINE

HIST& 146 U.S. HISTORY I 5

United States development from European settlements clinging tenuously on the Atlantic coast, or wayward outposts in the Southeast and Southwest, to a large, relatively unified nation between two oceans. We will examine the people of North America, Europe and Africa before colonialism and then address the social, cultural, economic and geographical determinants for colonization. We will explore how colonists began to see themselves separate from the mother country and how this resulted in revolution and a new nation. This class may include students from multiple section. (SS) Prerequisite: Eligibility for or completion of ENGL& 101.

6532 ONLINE

****HIST& 147 U.S. HISTORY II 5**

United States evolution after the early years of nation building. The course will begin at the end of the Jacksonian Reform era, and end with the period of overseas expansion as the United States become a Great Power nation. This course will examine a number of crisis or issues of change, including civil war, western expansion, industrialization, immigration and urbanization. The student will learn how the people of the United States responded to crisis periods through reform movements such as Populism, unionization, Progressivism and imperialism. This class may include students from multiple sections. (SS) Prerequisite: Eligibility for or completion of ENGL& 101.

6533 ONLINE

HIST& 148 U.S. HISTORY III 5

The third part of the History of the United States examines the 20th century starting with World War I. In this period attention directed toward the development of the United States as a modern nation-state. We will cover the process industrialization, urbanization, and immigration that shaped the contours of the country right into the 21st century. Other topics of interest in the larger processes will be the Great Depression, Imperialism, World War I and II, the Cold War, environmentalism, nuclear war and terrorism. The course will end as the United States enters the post-Cold War era. This class may include students from multiple sections. (SS) Prerequisite: Eligibility for or completion of ENGL& 101.

6534 ONLINE

Home Security Emergency Management

****HSEM 102 INTRO TO EMERGENCY MANAGEMENT 5**

Provides groundwork on which emergency services can build a strong foundation for disaster and emergency management for homeland security in the 21st century. Addresses issues, policies, questions, best



practices, and lessons learned through recent years; requirements of NFPA® 1600, Standard on Emergency Management and exposure to new and developing theories, practices, and technology in emergency management. This class may include students from multiple sections.

6545 ONLINE

****HSEM 110 BASIC INCIDENT COMMAND/NATIONAL MANAGEMENT SYSTEM 2**

This course introduces the Incident Command System (ICS) and provides the foundation for higher-level ICS training. This course describes the history, features, and principles and organization structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS). This class may include students from multiple sections. (Course will meet ICS 100/200/700/800 requirements).

6549 ONLINE

****HSEM 130 TECHNOLOGY IN EMERGENCY MGMT 3**

This class provides a detailed overview of the technology used, and also clearly explains how the technology is applied in the field of emergency management. Students will learn how to utilize technology in emergency planning, response, recovery and mitigation efforts and they'll uncover the key elements that must be in place for technology to enhance the emergency management process. Course overviews include: Web Emergency Operations Center (EOC), using technology with training and exercises, reverse 911 notification systems, video conferencing/downlinks and Geographic Information System (GIS)/ Global Positioning System (GPS) capabilities. This class may include students from multiple sections. Prerequisite: HSEM 102

6551 ONLINE

****HSEM 157 PUBLIC INFORMATION OFFICER 2**

The course is designed to train participants for coordinating and disseminating information released during emergency operations and for assisting in the scheduling and coordination of news conferences and similar media events. After completing this course the student will have met the sections required for Public Information Officer as outlined by NFPA 1035. This class may include students from multiple sections.

6544 ONLINE

****HSEM 160 EMERGENCY RESPONSE AWARENESS TO TERRORISM 5**

Provides current and relevant information about terrorism, terrorist behavior, homeland security policies and dilemmas, and how to deal effectively with threats and the consequences of attacks. Student will gain insight into the key players involved in emergency management, local and state issues, particularly as they need to interact and work with FEMA and other federal agencies. Course components include identifying terrorism, causes of terrorism, preventing terrorist attacks, responding to terrorism attacks and avoidance in communication and leadership collapse. This class may include students from multiple sections.

6546 ONLINE

****HSEM 180 PUBLIC ADMINISTRATION 3**

This course provides an overview in the structure and issues of public service. Course participants will examine the context of public administration: the political system, the role of federalism, bureaucratic politics and power, and the various theories of administration that guide public managers today. Course components include public administration, personnel, budgeting, decision-making, organizational behavior, leadership, and policy implementation. Lessons will be drawn from the most current applications of public administration today, such as Hurricane Katrina efforts and Homeland Security. This class may include students from multiple sections.

6552 ONLINE

****HSEM 190 TRIBAL EMERGENCY MANAGEMENT 1 - 5**

This special topics train-the-trainer program is designed to prepare students to deliver community preparedness awareness information classes on emergencies and disasters. This class may include students from multiple sections. Prerequisites: HSEM 102 and must have completed 12 HSEM credits or HSEM Program Coordinator approval

6553 ONLINE

****HSEM 200 EMERGENCY OPERATIONS CENTER 2**

This course provides the student with skills and knowledge to manage an Emergency Operations Center (EOC), acquire and control resources, and interface with on-scene responders within Incident Management Systems. Topics include EOC design, preparing, staffing and operating, jurisdictional setting, and the critical link between Incident Management Systems and emergency management operations. This class may include students from multiple sections. Prerequisite: HSEM 102 and HSEM 110.

6554 ONLINE

****HSEM 210 EXERCISE DESIGN & EVALUATION 3**

This course provides participants with the knowledge and skills to develop, conduct, evaluate and report effective exercises that test a community's operations plan and operational response capability. Throughout the course, participants will learn about topics including exercise program management, design and development, evaluation, and improvement planning. It also builds a foundation for subsequent exercise courses, which provide the specifics of the Homeland Security Exercise and Evaluation Program (HSEEP) and the National Standard Exercise Curriculum (NSEC). This class may include students from multiple sections. Prerequisites: HSEM 102 and HSEM 120 or coordinator approval.

6547 ONLINE

****HSEM 220 DEVELOPING & MANAGING VOLUNTEER RESOURCES 2**

This course will focus on methods and procedures for involving private-sector organizations and volunteers in emergency management programs in ways which benefit both parties. The focus of the course is on maximizing the effectiveness of volunteer resources by implementing a people-oriented system that addresses defining volunteer roles, designing a plan of action, recruiting volunteers, training individuals who volunteer and motivation and maintenance of a successful program. Participants will acquire skills and



knowledge to make appropriate volunteer assignments that enhance the effectiveness of an integrated emergency management system. This class may include students from multiple sections. Prerequisite: HSEM 102.

7709 ONLINE

****HSEM 240 WORKBASED LEARNING EXPERIENCE 5**

The purpose of the Homeland Security Emergency Management (HSEM) Internship is to give students who are well advanced in their undergraduate program the opportunity to experience the links between theory and practice through application in the work setting of the knowledge and skills gained in the classroom. This class may include students from multiple sections. Prerequisite: Preapproval of HSEM Internship Coordinator and Advisor.

6548 ONLINE

****HSEM 250 HOMELAND SECURITY LAW & ETHICS 3**

This course is designed to give the student an overview of various statutes, regulations, constitutional law, and common law associated with Homeland Security. This course examines important laws and government frameworks relevant in emergencies including the Stafford Act, the Posse Comitatus Act, the Federal Volunteer Protection Act, and the National Incident Management System. Students will be introduced to the legalities and ethics relevant to organizing for counterterrorism, investigating terrorism and other national security threats, crisis and consequence management. This class may include students from multiple sections. Prerequisites: HSEM 102 and HSEM 120 or Program Coordinator approval.

6555 ONLINE

Honors Program

HONOR 160 INTRO TO HONORS PROJECTS 2

Students are introduced to faculty directed projects from a variety of academic fields. Student will use one of these projects, or identify a self-directed project, to complete the project component of the honors program. This class may include students from multiple sections. Prerequisite: Acceptance in the Honors Program.

6536 TBA

HONOR 250 HONORS CAPSTONE PROJECTS 2

Students complete all aspects of their individual project, including background research activities, submission of a final product and its public dissemination; a critical examination of the project using integrative knowledge; and lastly, a self-reflective video on the project's value to their undergraduate experience. Students must receive a passing grade on their project to successfully complete the course. This class may include students from multiple sections. Prerequisite: Acceptance in the Honors Program

6537 ZOOM M 1:00 – 3:00PM



Hospitality & Ecotourism

HOSP 130 HOSPITALITY & TOURISM MARKETING 5

Learn an integrative approach to hospitality sales from a team perspective. Analyze consumer behavior, promotion and sales for the hospitality and tourism industry. Develop a hospitality focused marketing distribution channel and promotional plan. This class may include students from multiple sections.

6539 ONLINE

HOSP 140 FOOD & BEVERAGE MANAGEMENT 2

Learn dining room management including operations, budget, cost control, inventory, staffing, layout, and styles of service. This class may include students from multiple sections.

6540 ONLINE

HOSP 150 SUSTAINABLE TOURISM POLICY & PLANNING 3

Overview of sustainable tourism policy and planning. Students will learn key concepts of tourism and the leisure industry including the development of tourism, tourism supply and demand, transport, accommodation, governance and sustainability in the tourism industry. Explore the future of regional, global, and heritage tourism. This class may include students from multiple sections.

6542 ONLINE

HOSP 215 ADVENTURE TRAVEL LEADERSHIP & GUIDING 5

This course will provide an overview of customer service, content delivery, and sustainability for adventure travel leadership and guiding. This course will provide a foundation for those interested in pursuing a career in Adventure Travel, as well as connecting existing professionals to international standards. This course will also examine issues and trends in the Adventure Travel industry and specifically those affecting guides, tour leaders, and instructors. This class may include students from multiple sections.

6543 ONLINE

Human Development

HUMDV 101 SUCCESS IN THE ONLINE CLASSROOM 1

Overview of what to expect in an online course and how to make web-based learning more productive and rewarding. Meet in an online classroom that simulates a typical web-based learning environment. Students will learn how to use online course ware, navigate threaded discussions, locate articles and research



materials, create an electronic presentation, and save electronic documents for presentation on the internet. This class may include students from multiple sections.

6830 ONLINE

HUMDEV 120 HUMAN RELATIONS 3

Survey of workplace skills, including communication, team building, problem solving, and leadership. Emphasis on concepts of perception, attitude, motivation, and ethics. This class may include students from multiple sections.

6569 HYBRID T*TH 11:30AM – 12:30PM

Humanities

HUM POLICY & ETHICS IN HEALTHCARE III 2

Policy and Ethics in Healthcare III is the third in a series of three courses. Focus is on policies, ethics, and legal issues related to overall practice in healthcare professions. Includes local, state, national, and global perspectives of policies, legalities and ethics in healthcare. This class will include students from multiple sections. Prerequisite: HUM 232

6564 IN PERSON TBA

Information Technology

IT 114 DATABASE DESIGN & IMPLEMENTATION 5

Introduction to the principles of database management systems. Topics include database system architecture, data models, theory of database design, query optimization, concurrency control, crash recovery, and storage strategies. This course maps to the CTCITC 114: Database Design and Implementation course. This class may include students from multiple sections.

6579 ONLINE

IT 156 INTO TO OPERATING SYSTEMS 5

Provides an overview of current and future mainstream features of the Windows client and server operating systems. Instruction will be reinforced with examples and exercises performed on the operating system. The student should be familiar with computers. No previous experience with Windows operating systems is required. Course maps to CTCITC 116. This class may include students from multiple sections.

6585 ONLINE



IT 271 INFORMATION TECHNOLOGY INTERNSHIP 1

This class will provide opportunities for Information Technology students to participate in internships with local businesses. This class may include students from multiple sections. Prerequisite: IT 111, IT 162, and IT 212 or instructor approval.

6581 IN PERSON TBA

IT 272 INFORMATION TECHNOLOGY INTERNSHIP 2

This class will provide opportunities for Information Technology students to participate in internships with local businesses. This class may include students from multiple sections. Prerequisite: IT 111, IT 162, and IT 212 or instructor approval.

6580 INPERSON TBA

IT 273 INFORMATION TECHNOLOGY INTERNSHIP 3

This class will provide opportunities for Information Technology students to participate in internships with local businesses. This class may include students from multiple sections. Prerequisite: IT 111, IT 162, and IT 212 or instructor approval.

6582 INPERSON TBA

IT 274 INFORMATION TECHNOLOGY INTERNSHIP 4

This class will provide opportunities for Information Technology students to participate in internships with local businesses. This class may include students from multiple sections. Prerequisite: IT 111, IT 162, and IT 212 or instructor approval.

6583 INPERSON TBA

IT 276 INFORMATION TECHNOLOGY INTERNSHIP 5

This class will provide opportunities for Information Technology students to participate in internships with local businesses. This class may include students from multiple sections. Prerequisite: IT 111, IT 162, and IT 212 or instructor approval.

6584 INPERSON TBA

Integrated Studies

I S 101 UNDERSTANDING THE HUMANITIES 5

Introduction to a range of artistic and intellectual expressions of what it means to be human. Areas explored may include architecture, dance, film, language, literature, music, painting, philosophy, photography,



sculpture, and/or theater. Discussion of these expressions, themes and styles, as well as their cultural, historical, and theoretical contexts. This class may include students from multiple sections. (H)

7609 ZOOM MW 3:30 – 5:00PM

I S 105 POPULAR CULTURE 5

Historical as well as cross-cultural study of popular literary and nonliterary texts, such as novels, magazines, comic books, films, television shows, advertisements, social media, superhero tales, music videos, and fashion trends. Focus on popular myths, icons, heroes, and/or rituals that have affected peoples' lives and attitudes. This class may include students from multiple sections. (H)

6570 ONLINE

Intensive English Language Studies

IELS 81 INTENSIVE ENGLISH – BASIC LEVEL-READING 6

This course is for non-native English speakers who wish to improve their English. The course will focus on reading comprehension and vocabulary development at the low-intermediate level. This class may include students from multiple sections. Prerequisite: On-campus assessment in all skill areas. Non-transferable.

6572 ONLINE

IELS 82 INTENSIVE ENGLISH – BASIC LEVEL-WRITING 6

This course is for non-native English speakers who wish to improve their English. The course will focus on writing and grammar skills at the low-intermediate level. This class may include students from multiple sections. Prerequisite: On-campus assessment in all skill areas. Non-transferable.

6573 ONLINE

IELS 83 INTENSIVE ENGLISH – BASIC LEVEL-LISTENING 6

This course is for non-native English speakers who wish to improve their English. The course will focus on listening and speaking skills at the low-intermediate level. This class may include students from multiple sections. Prerequisite: On-campus assessment in all skill areas. Non-transferable.

6574 ONLINE

IELS 87 INTENSIVE ENGLISH – HIGH INTERMEDIATE LEVEL-READING 6

This course is for non-native English speakers who wish to improve their English. The course will focus on academic reading and vocabulary skills at the high-intermediate level. This class may include students from multiple sections. Prerequisite: On-campus assessment or successful completion of IELS 084. Non-transferable.

6575 ONLINE



IELS 88 **INTENSIVE ENGLISH – HIGH INTERMEDIATE LEVEL-WRITING 6**

This course is for non-native English speakers who wish to improve their English. The course will focus on academic writing skills at the high-intermediate level. This class may include students from multiple sections. Prerequisite: On-campus assessment in all skill areas or successful completion of IELS 085. Non-transferable.

6576 ONLINE

IELS 89 **INTENSIVE ENGLISH-HIGH INTERMEDIATE LEVEL-LISTENING 6**

This course is for non-native English speakers who wish to improve their English. The course will focus on academic listening and speaking skills at the high-intermediate level. This class may include students from multiple sections. Prerequisite: On-campus assessment in all skill areas or successful completion of IELS 086. Non-transferable.

6577 ONLINE

Klallam

KLA 123 **KLALLAM LANGUAGE III** **5**

This is a continuation of KLA 122. We will continue deepening and expanding our understanding of the Klallam language. More on transitive and passive constructions; expressions of time, place, and path; discourse structure and storytelling patterns will be covered with ample practice in use. (H)

11473 ZOOM TWTTHF 12:00 – 1:00PM

Math

AMATH **APPLIED MATH FOR PROF. TECH PROGRAMS** **5**

College mathematics used in professional and technical programs. Content includes mathematical modeling and applications employing numerical operations; measurements; geometry; linear and nonlinear equations; exponent, radical, and polynomial operations; functions; formulas; plane analytical geometry with graphing; and an introduction to trigonometry. This class may include students from multiple sections. Prerequisite: MATH 063/064 or acceptable placement test score.

7018 ONLINE

**MATH 63 INTRO TO ALGEBRA 5**

Fundamentals of arithmetic using integers, fractions, decimals, exponents, and square roots; solving basic linear equations; solving problems using percents, proportions, and basic geometry. This class may include students from multiple sections. Prerequisite: Placement exam.

6598 ONLINE

MATH 90 ESSENTIALS OF INTERM. ALGEBRA 5

This course develops proficiency with solving linear equations and inequalities, simplifying expressions using the rules of exponents, adding/subtracting/multiplying polynomials, graphing various types of equations and linear inequalities, solving systems of linear equations and inequalities, and finding the equations of lines. This class may include students from multiple sections. Prerequisite: P (2.0 or higher) in Math 063/064 or equivalent.

6600 ONLINE

MATH 98 INTERMEDIATE ALGEBRA FOR CALCULUS 5

This course will expose students to a variety of algebraic techniques that will prepare them for precalculus and calculus. Focus will be placed on quadratic, rational, radical, exponential, and logarithmic expressions and equations. Techniques will include factoring, simplifying (adding/subtracting/multiplying/dividing) polynomials, rational, radical, exponential and logarithmic expressions. This class may include students from multiple sections. Prerequisite: P (2.0 or higher) in Math 090/091 or equivalent.

6602 ONLINE

MATH 238 DIFFERENTIAL EQUATIONS 5

Introduction to applied problem solving with first and second order ordinary differential equations using analytical, numerical and graphic methods. This class may include students from multiple sections. Prerequisite: A minimum of 2.0 in MATH& 152 or equivalent.

7632 ZOOM TWTTHF 11:30AM – 12:30PM

MATH& 107 MATH IN SOCIETY 5

A study of a variety of mathematical topics for non-science majors. The topics covered may differ between sections, but may include problem-solving strategies, logic, set theory, number theory, mathematics of finance, probability and statistics, or geometry. This class may include students from multiple sections. (QS,NS) Prerequisite: P (2.0 or higher) in MATH 090/091 or equivalent.

6606 HYBRID WF 10:20 – 11:20AM

6607 ONLINE

**MATH& 141 PRECALCULUS****5**

Analysis of linear, quadratic, polynomial, exponential, logarithmic, rational, and radical functions and their graphs; linear and nonlinear inequalities; systems of equations; and matrices. This class may include students from multiple sections. (QS, NS) Prerequisite: P (2.0 or higher) in MATH 098/099 or MATH& 148 or equivalent.

6608 ONLINE

MATH& 142 PRECALCULUS II**5**

Conic sections; trigonometric functions; identities, inverse trigonometric functions; trigonometric equations; solutions of right triangles, laws of sines and cosines; vectors, polar coordinates, and complex numbers, sequences, series, binomial theorem. This class may include students from multiple sections. (QS,NS) Prerequisite: 2.0 or higher in MATH& 141 or equivalent.

6609 ONLINE

6610 HYBRID TWTTH 6:15 – 7:15PM

MATH& 146 INTRO TO STATS**5**

Introduction to methods and applications of elementary descriptive and inferential statistics; summarizing data graphically and numerically, probability, confidence intervals, hypothesis testing, correlation and linear regression. This class may include students from multiple sections. (QS,NS) Prerequisite: P (2.0 or higher) in MATH 090/091 or equivalent.

6611 HYBRID TTH 10:20 – 11:20AM

6612 ONLINE

MATH& 151 CALCULUS I: ANALYTIC GEOMETRY**5**

Limits and continuity; derivatives of algebraic and trig functions; chain rule, implicit differentiation and applications, an introduction to antiderivatives. This class may include students from multiple sections. Prerequisite: 2.0 or higher in MATH& 142 or equivalent. (QS,NS)

6613 ZOOM TWTHTF 10:20 – 11:20AM

MATH& 163 CALCULUS III: ANALYTIC GEOMETRY**5**

Sequences, series, Taylor expansions. Vectors, vector functions, space curves. Functions of several variables, partial derivatives, tangent planes. This class may include students from multiple sections. Prerequisite: 2.0 or higher in MATH& 152 or equivalent. (QS,NS)

6617 ONLINE

6618 HYBRID TWTTH 5:15 – 6:16PM



Media Communications

MEDIA 110 INTRO TO MULTIMEDIA GRAPHICS 5

This course concentrates on the creative and practical exploration of computer graphics and page layout design. Students will explore basic concepts of digital media, terminology and acquire hands-on experience working with industry standard page layout and illustration software. This class may include students from multiple sections.

6624/6625 ONLINE

MEDIA 145 DIRECTING & PRODUCTION 5

Introduction to documentary styles, filmmaking, directing, and production management, web promotion, broadcast, and screening. Students will learn the critical production decisions involved in documentary digital video production while producing short films. An overview of production methods such as idea development, research, proposal and scriptwriting, budgeting, and working with cast and crew with innovative collaborative tools. Students will discuss rights, clearances, common challenges, and ethical issues. This class may include students from multiple sections.

6626 ONLINE

MEDIA 155 E-BOOK DESIGN & PUBLISHING 5

Design, publish and promote e-books and interactive publications for multiple devices on the web. Use digital publishing software to create and implement effects such as page rotation, scrolling text, and interactive images. Learn how to distribute an e-book or e-publication to an app store. This class may include students from multiple sections. Prerequisite: Good computer and typing skills.

6627 ONLINE

MEDIA 203 ADVANCED DIGITAL PUBLISHING 5

Course takes students beyond the basics of digital photography as they increase the depth of their aesthetic expression and photographic technique. Students will complete a series of directed projects designed to stimulate creative ideas, expand visual communication skills, improve composition, and develop their own unique body of work using digital cameras and photographic technologies. Students supply their own camera. This class may include students from multiple sections. Prerequisite: MEDIA 175.

6628 ONLINE

MEDIA 206 DATABASE DRIVEN WEBSITES 5

This course introduces the fundamentals of database driven website development using the PHP programming language and MySQL relational database management system. Students will learn web application programming fundamentals by developing a relational database and PHP web applications. Students will also gain hands-on experience working with web application security and common web



application features like create, read, update and delete. This class may include students from multiple sections. Basic understanding of HTML recommended.

6629 ONLINE

MEDIA 212 DIGITAL PORTFOLIO 5

Students will produce a website portfolio of digital media and artwork that showcases creative and technical skills. This capstone course is to guide students through the process of creating multimedia web portfolios for the need for college transfer applications and employment in related fields. Students will select, organize, develop, and present a collection of work that exhibits individual efforts, progress, and achievements. This class may include students from multiple sections. Prerequisite: MEDIA 110 and web design skills.

6630 ONLINE

MEDIA 224 DIGITAL STORYTELLING 5

Emerging technologies and new digital literacies require content creation that is retentive, absorbing, interactive, and social. Learn about media such as augmented reality that includes digital input overlapping the real-world environment, virtual worlds, and experiential projection spaces. This class may include students from multiple sections. Prerequisite: Good computer file management skills

6631 ONLINE

MEDIA 260 INTERNSHIP 1 - 5

Thirty-three hours per credit. Internship in a workplace setting of the student's choice, based on needs and interests. This class may include students from multiple sections.

6632 ONLINE

MEDIA 299 INTEGRATED STUDY – HONORS 2

In this capstone honors course, students will complete a project relevant to their career pathway and program. The project will integrate at least two Business and IT programs (Business Administration, Administrative Office Systems, Computer Applications Technology, Multimedia Communications, Cybersecurity & Computer Forensics, or Information Technology) to provide breadth and relevance to the project. This class may include students from multiple sections. Prerequisite: Completion of 60 credits in the BUS/IT program of study with a GPA of 3.5 or higher; and completion of the English course required in the BUS/IT program of study.

6633 IN PERSON TBA



Medical Assistant

MED 115 **ANATOMY & PATHOPHYSIOLOGY FOR MEDICAL ASSISTANTS II** **5**

This course continues to instruct students in the anatomy and pathophysiology of the human body using a body systems approach. Emphasis is placed on the study of multiple organ system diseases, infectious diseases, and microbiology. This course has a laboratory component. This class may include students from multiple sections. NOTE: Students need to have entry codes to register.

6619/6620 IN PERSON T*TH 9:00 – 11:30AM and TBA

MED 140 **MEDICAL, ETHICAL, LEGAL COMMUNICATION** **4**

This course teaches medical assisting students how to incorporate cognitive knowledge in the performance of psychomotor and affective domains in their practice as medical assistants, and in providing patient care in accordance with regulations, policies, laws, and patient rights. Students will be instructed in the legal implications and ethical considerations of the medical assisting profession. This class may include students from multiple sections. NOTE: Students need to have entry codes to register.

6621 IN PERSON WF 8:30 – 10:30AM

MED 155 **MEDICAL OFFICE ASSISTANT EXTERNSHIP & CAPSTONE** **4**

Final core curriculum course for students seeking to become medical office assistants or specialists. The course prepares students to perform routine administrative medical office duties in an outpatient setting. Students completing this course will be expected to develop a professional portfolio, apply for a national credentialing exam of their choice, participate in job-seeking activities, and participate in a brief externship wherein they will be expected to perform tasks relevant to the MOA job description. This class may include students from multiple sections. Prerequisite: Eligibility for both ENGL& 101 and MATH 090/091. Completion of MED 135 with a GPA of 2.0 or better.

7707/7708 IN PERSON T 12:30 – 3:30PM and TBA

MED 161 **CLINICAL SKILLS FOR MEDICAL ASSISTANTS II** **5**

This course continues instructing medical assisting students in the clinical skills necessary to the medical assisting profession. Subjects to be covered include, but are not limited to: specialty diagnostic testing, phlebotomy, laboratory and microbiological testing in the physician's office, introduction to the concepts of pharmacology and medication administration, minor office surgery, and basic first aid in regard to medical office emergencies. Some needle invasive procedures will be performed. This course includes a skills laboratory component. Students will be instructed in the use of an educational electronic medical record (EMR) system. This class may include students from multiple sections. NOTE: Students need to have entry codes to register.

6622/6623 IN PERSON WF 11:30AM – 2:00PM and TBA



Music

MUSC 110 HISTORY OF ROCK & ROLL 5

A cultural/sociological history of pop music in the USA. Musical antecedents (blues, country, rhythm and blues) and outside influences (African drumming, Latin rhythms, folksingers) will be included, but the focus will be on the pop music of this period. The music will be addressed within the context of societal issues such as racism, conformity, generational conflict, governmental repression and censorship. This class may include students from multiple sections. (H)

6634 ONLINE

14552 ONLINE

MUSC 260 SPECIAL TOPICS OF SEMINARS 2

Vocal Master Series: Take your voice to a new level with this exciting new class. Study and learn through virtual class performances with masters from around the United States through Zoom conferences. Topics covered range from vocal health, styling your solo, lyric interpretation, music fundamentals, performing, and learning through recording.

14555 ZOOM TH 10:00AM – 12:00PM

MUSC& 105 MUSIC APPRECIATION: WORLD OF SOUND 5

Exploration of how and why we listen to music. Examination of the many roles that music plays in various world cultures. Musical examples drawn from Asia, Africa, Indonesia, North and South America (including Native American tribal groups), jazz, blues, and the Western classical tradition. No prior musical experience is necessary. This class may include students from multiple sections. (H)

6639 ONLINE

Nursing

NURS 103 NURSING III THEORY 6

Nursing 103 is a nursing theory class where students explore acute and chronic alterations in health across the lifespan are considered in the context of holistic assessment and care management, pharmacology, evidence based clinical decision making, concepts of caring, safety, patient teaching, collaboration, therapeutic communication, and professionalism. This class may include students from multiple sections.

6640/6641 TBA. (must be enrolled in the Nursing Program)

6642/6643 TBA. (must be enrolled in the Nursing Program)

**NURS 113****NURSING III LAB****5**

Nursing 113 is a clinical/lab course where students continue to demonstrate competencies necessary to meet the needs physical and psychosocial needs of those experiencing alterations in health across the lifespan. Focus on the acute care and community setting. Integrated concepts include holistic assessment, evidence based practice, caring, safety, patient teaching, organizing and managing care, collaboration, therapeutic communication, and professionalism. This class may include students from multiple sections.

6644/6645	TBA. (must be enrolled in the Nursing Program)
6646/6647	TBA. (must be enrolled in the Nursing Program)
6648/6649	TBA. (must be enrolled in the Nursing Program)
6650/6651	TBA. (must be enrolled in the Nursing Program)

NURS 203**NURSING VI - THEORY****4**

Nursing 203 is a nursing theory course where students continue to explore complex alteration in health across the lifespan in the context of holistic assessment and care management, pharmacology, evidence based clinical decision making, concepts of caring, safety, patient teaching, collaboration, therapeutic communication, and professionalism. This class may include students from multiple sections.

6652/6653	TBA. (must be enrolled in the Nursing Program)
6654/6655	TBA. (must be enrolled in the Nursing Program)

NURS 213**NURSING VI - LAB****6**

Nursing 213 is a clinical/lab course where students continue to demonstrate competencies necessary to meet the physical and psychosocial needs of those experiencing alterations in health across the lifespan. Focus on the transition to the novice registered nurse role. Integrated concepts include holistic assessment, evidence based practice, caring, safety, patient teaching, organizing and managing care, collaboration, therapeutic communication, and professionalism. This class may include students from multiple sections. Prerequisite: successful completion of NURS 212

6656/6657	TBA. (must be enrolled in the Nursing Program)
6658/6659	TBA. (must be enrolled in the Nursing Program)
6660/6661	TBA. (must be enrolled in the Nursing Program)
6658/6659	TBA. (must be enrolled in the Nursing Program)

Nursing Assistant

****NAC 105****NURSING ASSISTANT CERTIFIED****6**

Course studies the role of the nursing assistant, including basic nursing skills, emergency procedures, and laws and regulations affecting nursing assistants. Course consists of classroom, laboratory, and clinical experiences needed to become a nursing assistant. On completion, students are eligible to take the Washington State Certificate Exam, making them employable in many settings such as hospitals, skilled nursing facilities (long term care and rehab), and assisted living facilities. Includes 7 hours of HIV/AIDS



healthcare certificate. To meet the hours of education required by the state, attendance for all classes and clinicals is mandatory. Students must complete application process, including a Washington State Patrol background check, and be accepted into the course. This class may include students from multiple sections. For more information, go to <http://www.pencol.edu/proftech/nursing-assistant>.

15026/15030/15031 ZOOM WTHF 5:00 – 8:00PM and
SaSu 6:00am – 5:00pm

Nutrition

NUTR 123 NUTRITION IN HEALTHCARE III 1

Nutrition in Healthcare III is the third in a series of three courses. In this course, nutrition concepts are applied to various chronic and acute alterations in health across the lifespan. This class may include students from multiple sections. Prerequisite: NUTR 122

6662 IN PERSON M 1:00 – 2:00PM

NUTR& 101 INTRO TO HUMAN NUTRITION 5

Basic principles of nutrition across the lifespan. Details the digestive process, the digestion and absorption of macro and micronutrients including vitamins, minerals, and phytonutrients. Examines the role of nutrition in the maintenance of optimal health and disease prevention. Includes analysis of personal dietary habits and the components of a healthful diet. This class may include students from multiple sections. (NS) Prerequisite: Eligibility for ENGL& 101 and P (2.0 or higher) in MATH 063/064 or equivalent.

6663 ONLINE

PE Professional

PEPRO 102 ADV. COACHING FOR YOUTH SOCCER 5

The D coaching course prepares students by expanding their knowledge and understanding of the technical and tactical demands of soccer and the developmental process necessary for players. It also provides an understanding of practical coaching methodology and the framework necessary to prepare players and a team for competition. This class may include students from multiple sections. (E)

6682/6683 ONLINE



Philosophy

PHIL 130

ETHICS

5

Introduction to moral theory and its application to contemporary moral issues. Potential topics include nihilism, relativism, utilitarianism, Kant, legal punishment, distributive justice, terrorism, abortion, animal rights, and euthanasia. This class may include students from multiple sections. Prerequisite: Eligibility for or completion of ENGL& 101. (H)

6684

ONLINE

Physical Education

P E 108

CONDITIONING & WELLNESS I

1

Applies health-and-wellness principles, cardiovascular fitness, and strength training for a comprehensive fitness program. Emphasis on circuit training. This class may include students from multiple sections. (E)

6667

ONLINE

P E 109

CONDITIONING & WELLNESS II

1

Applies health-and-wellness principles, cardiovascular fitness, and strength training for a comprehensive fitness program. Emphasis on circuit training. This class may include students from multiple sections. (E)

6668

ONLINE

P E 142

YOGA

1

Introduction to the practice of Hatha Yoga, including the physical postures (asanas), breathing exercises (pranayama), meditation, and deep relaxation. Yoga improves strength, flexibility, balance, concentration, stress management, and overall health. This class may include students from multiple sections.(E)

6664

ONLINE

P E 143

YOGA II

1

Introduction to the practice of Hatha Yoga, including the physical postures (asanas), breathing exercises (pranayama), meditation, and deep relaxation. Yoga improves strength, flexibility, balance, concentration, stress management, and overall health. This class may include students from multiple sections.(E)

6665

ONLINE



P E 230 ADVANCED SOCCER FOR MEN I 1 - 2

Prepares for competition in soccer at the community college level. This class may include students from multiple sections. Instructor permission is required. (E)

6676 IN PERSON TBA

P E 231 ADVANCED SOCCER FOR MEN II 1 - 2

Prepares for competition in soccer at the community college level. This class may include students from multiple sections. Instructor permission is required. (E)

6677 IN PERSON TBA

P E 232 ADVANCED SOCCER FOR MEN III 1 - 2

Prepares for competition in soccer at the community college level. This class may include students from multiple sections. Instructor permission is required. (E)

6678 IN PERSON TBA

P E 243 ADVANCED SOCCER FOR WOMEN I 1 - 2

Prepares for competition in soccer at the community college level. This class may include students from multiple sections. Instructor permission is required. (E)

6679 IN PERSON TBA

P E 244 ADVANCED SOCCER FOR WOMEN II 1 - 2

Prepares for competition in soccer at the community college level. This class may include students from multiple sections. Instructor permission is required. (E)

6680 IN PERSON TBA

P E 245 ADVANCED SOCCER FOR WOMEN III 1 - 2

Prepares for competition in soccer at the community college level. This class may include students from multiple sections. Instructor permission is required. (E)

6681 IN PERSON TBA



Physics

PHYS& 110 PHYSICS FOR NON-SCIENCE MAJORS 5

An introduction to physics intended for students not majoring in science. Topics include basic coverage of motion, force, energy, momentum, gravity, electricity and magnetism, light, waves, and relativity. Course includes one lab credit. This class may include students from multiple sections. (E,NS)

15016/16017 ZOOM TWTTH 11:30AM – 12:30PM and
TH 1:30 – 4:50PM

PHYS& 223 ENGINEERING PHYSICS III 5

(Formerly PHYS& 223L) Electromagnetic waves, optics, waves in matter, and experiments in these topics for physical science and engineering majors. This class may include students from multiple sections. (E)
Prerequisite: Concurrent enrollment or successful completion of MATH& 163; PHYS& 222, or permission of instructor.

6686/6687 ZOOM TWTTH 10:20 – 11:20AM and
F 1:30 – 4:50PM

Political Science

POLS& 101 INTRO TO POLITICAL SCIENCE 5

Nature and function of political institutions in major national systems. This class may include students from multiple sections. ENGL& 101 or concurrent enrollment is recommended. (SS)

6690 HYBRID TTH 10:20 – 11:20AM

****POLS& 202 AMERICAN GOVERNMENT 5**

Popular government in United States; theory and practice of national institutions. This class may include students from multiple sections. (SS)

6692 ONLINE



Psychology

PSYC& 100 GENERAL PSYCHOLOGY 5

Introduction to science of behavior. Emphasis on biological foundations of behavior, cognition, learning, intelligence, motivation, memory, personality, and psychological disorders. This class may include students from multiple sections. (SS) Prerequisite: Completion of ENGL& 101 or concurrent enrollment.

6695 ONLINE

6696 ONLINE

PSYC& 200 LIFESPAN PSYCHOLOGY 5

Scientific study of human growth, development, and change throughout life cycle. Physical, cognitive, social, personality, and other aspects of the individual examined through successive stages, from prenatal development until death. This class may include students from multiple sections. (E) Prerequisite: PSYC& 100.

6698 ONLINE

Social Science

SOCSI 101 CONTEMPORARY GLOBAL ISSUES 5

Introductory course to develop the analytical skills necessary to understand major developments in the contemporary world and to provide the basis for more advanced study in the field of world politics. The course deepens students' understanding of globalization and the need for common solutions to global problems that transcend borders. This class may include student from multiple sections. (SS)

6702 ONLINE

6704 HYBRID W 3:15 – 5:15

Sociology

SOC& 101 INTRO TO SOCIOLOGY 5

Human social behavior, social institutions, and society from sociological perspective. Includes introduction to sociological theory and research and application to topics such as social structure, socialization, deviance, inequality, and stratification. This class may include students from multiple sections. Completion of ENGL& 101 or concurrent enrollment recommended. (SS)

6701 ONLINE



Spanish

****SPAN 106 BEGINNING SPANISH CONVERSATION III 1**

A mixture of grammar, culture, pronunciation, listening and speaking at a beginner level. For beginning and ongoing students of the Spanish language. A continuation from SPAN 105. This class may include students from multiple sections. SPAN 105, equivalent or instructor permission recommended.

6705 ZOOM W 11:30AM – 1:00PM

****SPAN 109 INTERMEDIATE SPANISH CONVERSATION III 1**

A mixture of grammar, culture, pronunciation, listening and speaking at an intermediate level. For intermediate and ongoing students of the Spanish language. A continuation from SPAN 108. This class may include students from multiple sections. SPAN 108, equivalent or instructor permission.

6706 ZOOM TH 1:00 – 2:30PM

****SPAN 112 ADVANCED SPANISH CONVERSATION III 1**

Continue your knowledge of the Spanish language at an advanced level. Class is conducted completely in Spanish. A continuation from Spanish 111. This class may include students from multiple sections. Spanish 111, equivalent or instructor permission recommended.

6707 ZOOM W 2:00 – 3:30PM

SPAN& 123 SPANISH III 5

Continues SPANISH I and II emphasis on the four skills of mastering a second language, listening, reading, writing, speaking. Introduction to culture of the Spanish-speaking countries. Learner-centered instruction. This class may include students from multiple sections. (H) Prerequisite: SPAN& 122, two years high school Spanish, the equivalent, or permission of instructor.

6709 ONLINE

6710 ZOOM TWTHTF 11:30AM – 12:30PM

Sustainable Agriculture

SAGE 152 PERMACULTURE 5

(Formerly GRBD 152) This course investigates community and home-scale food production with a focus on farm design, intensive mini-farming, permaculture, and urban homesteading. Through research and practical applications, students will learn how to create small-scale food systems that mimic natural ecosystems. Students will explore the resiliency and diversity of garden farming via edible forests, ecosystem



design, animal husbandry, mini orchards, season extensions, food self-reliance, and intensive planting strategies. This class may include students from multiple sections.

6699 ONLINE

Welding

WELD 130 BEGINNING WELDING & METAL FABRICATION III 15

Continuation of WELD 110/120. Includes preparation for American Welding Society (AWS SMAW) certification. Learn metallurgy and how to layout, cut, prepare, fit-up, and weld together metal to repair parts and fabricate projects. This class may include students from multiple sections. Prerequisite: WELD 110 and 120.

6712/6713	IN PERSON	MTWTHF 8:00AM – 12:30PM
6714/6715	IN PERSON	MTWTHF 1:00 – 5:30PM

WELD 230 ADVANCED WELDING & METAL FABRICATION III 15

Continuation of welding program designed to increase skills and provide preparation for several welding processes including AWS Pipe Welding certification. Learn to layout, cut, prepare, fit-up, and weld together metal to repair parts and fabricate projects. This class may include students from multiple sections. Prerequisite: WELD 220. Enrollment on space-available basis.

6716/6717	IN PERSON	MTWTHF 8:00AM – 12:30PM
6718/6719	IN PERSON	MTWTHF 1:00 – 5:30PM