

Spring 2017

Advising Schedule



Spring quarter classes begin April 3, 2017.

Check our website for current class schedule information: <http://www.centralia.edu/academics/courses.html>

SCHEDULE KEY

☞ Class has online component(s)

☐ Evening class

☐ Class is offered at Centralia College East in Morton

Class section codes:

1 = Class is fully online

2 = Class is other

3 = Class is hybrid (some class time replaced with online activities)

4 = Class is web enhanced (some class resources, files or activities are online)

5 = Class is flexible (students choose to attend class online, in the classroom or any combination)

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

COURSE DISTRIBUTION

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

Diversity

Courses designated with a "(D)" focus on experiences of people traditionally under-represented in American history. At least one D-course is required for an Associate Degree. Some are only offered once a year. See course descriptions for more details. Diversity courses offered Spring quarter 2017:

ANTH& 206A	(5)	Cultural Anthropology (SS)(D)	9-9:50am/Daily
ANTH 225AP1	(5)	Cultural & Ethnic Pluralism (SS)(D)	Online
ANTH 235A	(5)	Myth, Ritual, and Magic (SS)(D)	1-3:20pm/MW
ART 202A4	(5)	Art History: 18th-20th C (D) (H)	11-11:50am/Daily
ENGL 160AP1	(5)	Women's Literature (H) (D)	Online
HLTH 120RP1	(3)	Women's Health Issues (HF)(D)	Online
MUSC 140AP1	(5)	History of American Popular Music (D) (H)	Online
MUSC& 105A	(5)	Music Appreciation (D) (H)	9-9:50am/Daily
MUSC& 105BP1	(5)	Music Appreciation (D) (H)	Online
POLS& 204AP1	(5)	Comparative Government (SS) (D)	Online
SOC 225AP1	(5)	Cultural & Ethnic Pluralism(SS)(D)	Online

ADULT BASIC EDUCATION

Adult Basic Education Orientation

Required orientation 10-10:50am MTWTh Kirk Library

All ABE students need to attend an orientation.

English as a Second Language

Required orientation 6-6:50pm TW Kirk Library

For daytime appointments, information is available at the Testing Center Desk by calling 360-736-9391, ext. 216.

ABE orientation and registration appointments can also be made at Centralia College East in Morton by calling 360-736-9391, ext. 380 or 360-496-5022.

Adult High School Diploma (HS21+)

Required orientation 12-12:50pm MTWTh Kirk Library

All students take reading, writing, and math classes. They also attend a study skills lab, where they finish the classes that are not on their transcripts.

GED 2014

Required orientation 12-12:50pm Daily Kirk Library

All GED students take reading, writing, and math classes. They also attend a study skills lab, where they study social studies and science.

Work Skills Development

Required orientation 12-12:50pm W Kirk Library

Students with a high school diploma or GED can take work skills development classes to prepare for job training programs or for entering the job market.

Basic Skills Improvement

Required orientation 5-8:45pm MTWTh Kirk Library

Students with a high school diploma or GED, can brush-up on their reading, writing, and math.

Reading for Civics

Required orientation ARR ARR Kirk Library

Citizenship preparation class, students' practice reading, writing, speaking, and listening in English. Students may register any time during the quarter by attending an ESL orientation. Students must also enroll in ESL classes.

ACCOUNTING

Practical Accounting II

☐☞ 7066 ACCT 120S4 (3) 5-6:20pm TTh MOR 101 Langrell

Accounting theory as applied to bookkeeping systems of small businesses and professional organizations. Focuses on accounting for payroll, merchandise sales and purchases, cash receipts and payments, preparation of the worksheet and annual financial statements. Prerequisite: ACCT 110.

Basic Computer Accounting

☞ 7067 ACCT 130A3 (3) 8-8:50am Daily WAH 205 Smejkal

☐☞ 7068 ACCT 130S4 (3) 5-7:50pm TTh MOR 101 Langrell

Accounting experience on a personal computer using QuickBooks Pro software. Reinforces procedures learned in ACCT 110 and 120 or ACCT& 201. Students use QuickBooks Pro software to record transactions, prepare financial statements, and payroll. Prerequisite: ACCT& 201 or ACCT 110 and 120. Lab fee \$15.12.

Financial Reporting

☐☞ 8172 ACCT 200SP1 (5) Online Rabe O

This course emphasizes the fundamentals of double-entry accounting and the preparation of financial statements for business entities. Topics include, but are not limited to, accounting for assets, liabilities, equity, revenue and expenses. Prerequisite: compass minimum score of MATH 096 or evidenced score entrance equiv.

Prin of Accounting II

☐☞ 7075 ACCT& 202S3 (5) CANCELED

This course emphasizes accounting for partnerships and corporations. Topics include, but are not limited to, accounting for fixed and intangible asset, payroll, stock, bonds, the statement of cash flows, and financial statement analysis. Prerequisite: ACCT& 201.

Prin of Accounting III

☞ 7076 ACCT& 203A3 (5) 12-1:20pm MWF WAH 113 Rabe O

☞ 7077 ACCT& 203B5 (5) Flexible Rabe O

☐☞ 8165 ACCT& 203SP1 (5) Online Rabe O

This course emphasizes accounting for departments and branches, cost accounting in a manufacturing environment cost-volume-profit analysis, budget preparation and analysis, standard costs, segment reporting, differential costs and revenues, and capital budgeting decisions. Prerequisites: ACCT& 201 and 202 or ACCT 200.

Introduction to Audit

☞ 7069 ACCT 210A3 (5) 1-3:20pm TTh WAH 109 Rabe O

☞ 7070 ACCT 210B5 (5) Flexible Rabe O

An introduction to the audit environment as it applies to the professional spectrum of financial accounting and reporting. Prerequisite: ACCT& 203.

Payroll Accounting☎ 8166 ACCT 270S3 (3) **CANCELED**

Introductory course covering aspects of the Fair Labor Standards Act, the Social Security Act, Federal Income Tax withholding laws, and other laws affecting payroll operations and employment practices. Prerequisite: ACCT& 201

Bookkeeper Cert. Course

☎ 7071 ACCT 285A3 (5) 1:30-2:50pm MWF WAH 115 Rabe O
 ☎ 7072 ACCT 285B5 (5) Flexible Rabe O

This is the capstone course for accounting students participating in the Associate of Technical Arts (ATA) program and culminating in the student candidacy of either the Certified Bookkeeper (CB), Registered Tax Return Preparer (RTRP), or both. Prerequisite: ACCT& 203, ACCT 240.

AMERICAN SIGN LANGUAGE**American Sign Language III**

☎ 7096 ASL& 123A4 (5) 12-2:20pm TTh WSC 109 Rogers

An in-depth study of American Sign Language applications including conversation regulators, classifiers and locatives, directional verbs and cultural information. Prerequisite: ASL& 122.

ANTHROPOLOGY**Cultural Anthropology (SS)(D)**

7080 ANTH& 206A (5) 9-9:50am Daily WSC 208 van Alstyne

Explore the whole of the human social and cultural world by means of investigating other people's beliefs and behaviors. Through a cross-cultural perspective we attempt to understand others in order to better learn about ourselves.

Cultural & Ethnic Pluralism in Contemporary Society (SS)(D)

☎ 7078 ANTH 225AP1 (5) Online Medlin

Examine ethnicity, ethnic identity, and cultural characteristics of ethnic and social groups in North America and around the world. Understand the relationship between social organization and forms of social, economic, and political domination and subordination.

Myth, Ritual, and Magic (SS)(D)

7079 ANTH 235A (5) 1-3:20pm MW WSC 121 van Alstyne

Experience the supernatural and religious beliefs of peoples and cultures. Examine different modes of constructing "reality" and "belief" as well as their methods of ritual application in societies worldwide.

ART**Art Appreciation (H)**

☎ 7087 ART& 100A3 (5) 10-10:50am Daily WAH 109/116 Solomon

Introduction to the visual arts. Painting, drawing, sculpture and architecture will be examined as art forms and for their role in human history. Students will be introduced to a variety of art media and techniques.

Drawing I (H)

☎ 8127 ART 102A4 (5) 1-3:50pm MW WAH 116/108 Frey

Study the fundamentals of drawing: composition, technique and manipulation of materials, exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Lab fee 8.96.

Drawing II

☎ 8128 ART 103A4 (5) 1-3:50pm MW WAH 116/108 Frey

Intermediate level study of the fundamentals of drawing: composition, technique and manipulation of materials, exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Prerequisite: ART 102 or instructor permission. Lab fee 8.96.

Drawing III

☎ 8129 ART 104A4 (5) 1-3:50pm MW WAH 116/108 Frey

Advanced level of study of the fundamentals of drawing: composition, technique and manipulation of materials, exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Prerequisite: ART 102, 103 or instructor permission. Lab fee 8.96.

Computer Graphics (H)

☎ 7082 ART 130A3 (5) 9-9:50am Daily WAH 209 Solomon

An overview of computer programs used to create images for print and screen, still and moving. Gain basic skills in design and programs by creating digital art work in a series of assignments. Lab fee \$50.

Introduction to Fibers (H)

☎ 7083 ART 160A4 (5) 1-3:50pm TTh WAH 116 Frey

An introduction to fiber art history and techniques with an emphasis on traditional, hand-manipulated processes such as basketry, felting, dyeing and simple loom work. Lab fee \$48.29.

Digital Photography (H)☎ 7084 ART 174A3 (5) 12-12:50pm MTW WAH 209 Solomon
1-2:50pm Th WAH 209 Solomon

An introduction to digital photography as an expressive art form. Students will explore the creative and technical requirements of digital imaging, as well as examine the contributions of contemporary fine artists working in this medium. Prerequisite: basic computer experience required. Lab fee \$50.

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

☎ 7086 ART 202A4 (5) 11-11:50am Daily WAH 109 Frey

A survey of the history of art in 15th-20th century Asia and 18th-20th century Europe. Historical developments in architecture, sculpture, painting and other art forms will be examined.

ASTRONOMY**The Solar System & the Universe (S)**

☎ 7097 ASTR 127AP1 (5) Online Garcia

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

BIOLOGY**Human Biology (S)**

☎ 7104 BIOL& 170A4 (5) 11-11:50am Daily WSC 107 Jewell

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

Human Biology Lab

☎ 7098 BIOL 172A4 (1) 2-3:50pm W WSC 314 Jewell

Investigate the structure and function of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, immune, respiratory, digestive, urinary, and reproductive systems. Prerequisite: BIOL& 170. Lab fee \$18.46.

Majors Organismal Physiology (S)

☞ 7105 BIOL& 223A4 (5)	11-11:50am 2-3:50pm	MTWTh W	WSC 111 WSC 303	Carlson L/Norton Carlson L/Norton
☞ 7106 BIOL& 223B4 (5)	11-11:50am 4-5:50pm	MTWTh W	WSC 111 WSC 303	Carlson L/Norton Carlson L/Norton

Plant and animal comparative anatomy and physiology. Final course in a three-quarter series (BIOL& 221, 222, and 223). Prerequisite: BIOL& 221 or 222 or permission of instructor. Lab fee \$20.96.

Human A & P II (S)

☞ 7107 BIOL& 242N3 (5)	6-6:50pm 6-7:50pm +3 hrs/wk	W M	WSC 215 WSC 314	Norton Norton
☞ 8150 BIOL& 242NN3 (5)	6-6:50pm 4-5:50pm +3 hrs/wk	W M	WSC 215 WSC 314	Norton Norton

Investigate the interactions between structure (anatomy) function (physiology) essential for human health. Investigate organization and function of the sensory, endocrine, cardiovascular, immune, respiratory, digestive, urinary, and reproductive systems. Prerequisite: BIOL& 241 or instructor permission. Lab fee \$18.46.

Adv Topics Human A & P (S)

☞ 7099 BIOL 243A4 (5)	12-12:50pm	MTWTh	WSC 111/314	Norton
-----------------------	------------	-------	-------------	--------

Investigate the inheritance of human characteristics and the regulation of gene expression. Trace the development of major organ systems in utero and fetal development. Trace the physiological and anatomical transformations in older individuals. Prerequisite: BIOL& 242 or instructor permission. Lab fee \$18.46.

Introduction to Marine Biology (S)

☞ 7100 BIOL 250A4 (5)	9-9:50am 2-3:50pm	MTWTh T	WSC 206 WSC 314	Norton Norton
-----------------------	----------------------	------------	--------------------	------------------

Introduction to physical and chemical factors affecting marine organisms: the various marine habitats, the animals and plants which inhabit them, and human exploitation of marine resources. Field trips to local marine habitats. Lab fee \$26.48.

Microbiology (S)

☞ 7108 BIOL& 260A4 (5)	9-9:50am 2-3:50pm	TWTh TTh	WSC 121 WSC 301	Jewell Jewell
☞ 7109 BIOL& 260B4 (5)	9-9:50am 4-5:50pm	TWTh TTh	WSC 121 WSC 301	Jewell Jewell

Understand the morphology, physiology, metabolism, genetics, and evolution of microbes. Explore the interactions of pathogenic microbes and human health. Review processes that inhibit microbial disease. Develop skills of culturing, identifying, and manipulating microbes. Prerequisite: one college chemistry course. Lab fee \$31.52.

Research in Biology

7101 BIOL 270A (1-12)ARR	ARR	ARR	Norton
7102 BIOL 270B (1-12)ARR	ARR	ARR	Carlson L
7103 BIOL 270C (1-12)ARR	ARR	ARR	Jewell

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

BOTANY**Plant Identification & Classification (S)**

☞ 7110 BOTA 113A4 (5)	9-9:50am 1-3:20pm	MTWTh Th	WSC 111 WSC 307	Carlson L Carlson L
-----------------------	----------------------	-------------	--------------------	------------------------

The identification and classification of flowering plants of the Northwest with emphasis on plant families of western Washington. One full day field trip included. Lab fee \$17.72.

Dendrology-Trees in Our Environment (S)

☞ 7111 BOTA 150A4 (5)	10-10:50am 1-3:20pm	MTWTh T	WSC 111 WSC 307	Carlson L Carlson L
-----------------------	------------------------	------------	--------------------	------------------------

Introduction to biology through trees, from cells and evolution through tree ecology and urban trees. Identification of trees will be featured, including both Pacific Northwest natives and common street trees. Lab fee \$18.44.

BUSINESS ADMINISTRATION**Intro to Business**

☞ 7153 BUS& 101A3 (5)	9-9:50am	MWF	WSC 110	Crawford
-----------------------	----------	-----	---------	----------

Introduction to the world of business. Emphasis will include functions of business, management, types of business ownership, human resources, production, marketing, ethics, and the role of accounting.

Business Math

☞ 7146 BUS 121AP1 (5)	Online			Rath
-----------------------	--------	--	--	------

Surveys the commercial application of mathematics designed to assess and analyze business activities and their effect on cost, profitability and overall performance. Prerequisite: MATH 096 or equivalent test score.

Business Law

☞ 7154 BUS& 201A3 (5)	11-11:50am	MWF	WSC 211	Harrie
☞ 7155 BUS& 201B5 (5)	Flexible			Harrie

Introduction to state and federal constitution, laws and procedures including international trade, crimes, torts, contracts, sales, property, bankruptcy, securities, consumer protection, employment, and debtor-creditor relationships. The relationship between ethics and law will be discussed.

Human Resource Management

☞ 8136 BUS 203A3 (5)	10-10:50am	MWF	WSC 103	Smejkal
----------------------	------------	-----	---------	---------

Introduction to fundamental concepts of human relations management. This course will focus on recruiting, employee selection and training, employee performance and compensation, and employee laws and labor relations. Prerequisite: BUS& 101, college level reading and writing.

Principles of Finance

☞ 7147 BUS 215A3 (5)	12-12:50pm	MTThF	MSG 106	Rath
☞ 7148 BUS 215B5 (5)	Flexible			Rath

An introduction to the sources and uses of funds in a business. Focuses on ratio analysis, cost-volume-profit analysis, business valuation, and the relationship between risk and rate of return. Emphasizes the managerial implications of financial risk. Prerequisite: ACCT& 201, BUS 121 or instructor permission.

Marketing

☞ 7149 BUS 220AP1 (5)	Online			McClain
-----------------------	--------	--	--	---------

A broad overview of the market structure and marketing philosophies currently being used in business. Includes a description, analysis, and evaluation of the marketing system. Each student will conduct a marketing research project.

Entrepreneurship

☞ 7150 BUS 232AP1 (5)	Online			King
-----------------------	--------	--	--	------

Experience the challenge and reward of planning a new business. Topics include: development of a business plan, failure factors in small businesses, capital, accounting, financial statements, marketing, human resource management, legal/regulatory issues and management principles. Prerequisite: BUS& 101; ACCT& 201, BUS 220.

Principles of Management

☞ 7152 BUS 275AP1 (5) Online McClain
 Management styles and effective management of personnel from the manager's side of business. The course is built around the five traditional functions of management and exploring management problems and practices. Real-life case problems used.

BUSINESS OFFICE TECHNOLOGY**Keyboarding for Business**

☞ 7112 BTEC 101A4 (3) 9-9:50am Daily WAH 207 Copeland
 ☞ 7113 BTEC 101B4 (3) 12-12:50pm Daily WAH 207 Copeland
 ☐ 7114 BTEC 101R (3) 12-2:30pm TTh MOR 112 Cantin
 ☐ 7115 BTEC 101RE (3) ARR TTh MOR 112 Cantin

For beginning students. Learn to keyboard to 25wpm by touch. Develop speed, accuracy and apply basic word processing techniques to letters, reports and tables.

Keyboard Skillbuilding I

☞ 7116 BTEC 102A4 (3) 9-9:50am Daily WAH 207 Copeland
 ☞ 7117 BTEC 102B4 (3) 12-12:50pm Daily WAH 207 Copeland
 ☐ 7118 BTEC 102R (3) 12-2pm TTh MOR 112 Cantin
 ☐ 7119 BTEC 102RE (3) ARR TTh MOR 112 Cantin

Individualized skillbuilding program for increasing keyboarding speed and improving accuracy. Upon completion of this course, students should be able to type at a minimum of 35wpm with no more than one error per minute. Prerequisite: BTEC 101 and typing at 35wpm or instructor permission.

Applied Business Math

☞ 7120 BTEC 120A4 (5) 8-8:50am Daily WAH 105 Crawford
 Fundamental arithmetic skills applied to a wide range of business activities. Topics include; banking, discounts, payroll, simple interest, markups and markdowns and promissory notes.

Cooperative Work Experience

7121 BTEC 190A (1-12)ARR ARR ARR Copeland
 See description under Cooperative Work Experience heading.

Work Experience Seminar

☐ 7123 BTEC 191R (1) ARR M MOR 112 Cantin
 ☞ 7122 BTEC 191AP1 (1) Online Copeland

Topics include professional image, business etiquette, sexual harassment, resolving conflict, and diversity in the workplace. Must be taken prior to or concurrently with Cooperative Work Experience.

Word I

☞ 7124 BTEC 210A3 (5) 11-11:50am Daily WAH 205 Shultz
 ☐ 7125 BTEC 210R (5) 1:30-3:30pm TTh MOR 112 Cantin
 ☐ 7126 BTEC 210RE (5) ARR TTh MOR 112 Cantin

Class covers Word in depth: document preparation, formatting, graphics, WordArt, columns, sorts, charts, mail merge, and styles. Students will format business documents to business standards. Prerequisite: keyboard skill of 35wpm or instructor permission.

Excel

☞ 7127 BTEC 214A3 (5) 12-12:50pm MTWTh WAH 205 Alves
 ☐ 7128 BTEC 214R (5) 12:30-2:30pm TTh MOR 112 Cantin
 ☐ 7129 BTEC 214RE (5) ARR TTh MOR 112 Cantin

A hands-on approach for beginning through intermediate level applications of Excel spreadsheet using a variety of business applications. Prerequisite: word processing, windows, keyboard skills.

Desktop Publishing

☐ 8137 BTEC 218A (4) 11-11:50am MWF WAH 207 Vandegrift
 ☐ 7130 BTEC 218R (4) 1-4pm TTh MOR 112 Cantin
 ☐ 7131 BTEC 218RE (4) ARR TTh MOR 112 Cantin

Course covers desktop publishing terminology and concepts to plan, create, and design professional-looking businesses and personal documents. Prerequisite: Word, keyboard speed of 35wpm.

Word II

☞ 7132 BTEC 219A3 (4) 9-9:50am MTWTh WAH 205 Shultz
 ☐ 7133 BTEC 219R (4) 11am-1:30pm TTh MOR 112 Cantin
 ☐ 7134 BTEC 219RE (4) ARR TTh MOR 112 Cantin

Course covers footnotes, endnotes, citations, bibliographies, table of contents, indexes, linked textboxes, multilevel lists, building blocks, fill-in forms, macros, outlines, Quick Parts, templates, formal reports. Prerequisite: Word I, keyboard speed of 35wpm.

Ten-Key Calculator

7135 BTEC 220A (1) 10-10:50am MW WAH 111 Vandegrift
 Touch control of 10-key pad with emphasis on speed and accuracy. Addition, subtraction, multiplication, and division techniques used in solving business problems. Basic or Business Math recommended first. Lab fee \$7.15.

Business Communications

7136 BTEC 221A (5) 10-10:50am Daily WAH 205 Shultz
 Applying principles of effective communication in written and oral business communication: letters, memos, reports, and presentations. Upon completion students should be able to produce effective positive, negative, and routine letters, memos, and reports and graphs. Prerequisite: BTEC 110 or ENGL& 101, or instructor permission.

Microsoft Office-PowerPoint Module

☐ 7137 BTEC 222R (1) 11am-1pm M MOR 112 Cantin
 ☐ 7138 BTEC 222RE (1) ARR Th MOR 112 Cantin

An introduction to Microsoft PowerPoint. Upon completion of this course students should have beginning knowledge of a presentation program. Prerequisite: keyboard speed of 35wpm, Windows Workstations OS or instructor permission.

General Office Procedures

7139 BTEC 224A (5) 1-2:20pm MWF WAH 205 Vandegrift
 ☐ 8167 BTEC 224R (5) 11am-2pm M MOR 112 Cantin
 +2.5 hours/week

Topics include: professional image and dress, employer expectations, human relations, receptionist techniques, telephone procedures, processing mail, business ethics, job safety, office supplies and equipment, travel and meeting arrangements, reprographics, financial activities, PC cleaning/care, internet and email. Prerequisite: grade of 2.0 in BTEC 110 or instructor permission.

Medical Terminology

8138 BTEC 260A (4) 9-9:50am MTWTh WAH 146 Boerner
 ☞ 7140 BTEC 260BP1 (4) Online Copeland

Development of a medical vocabulary with emphasis on definition and spelling. Upon completion of this course students should be able to recognize spoken medical terms, analyze word parts for meaning, and understand basic medical terminology.

Medical Office Procedures

7141 BTEC 261A (5) 1-2:20pm MTWTh WAH 207 Copeland
 Topics include professional image, medical ethics and law, safety, patient records, appointments, billing and collections, mail processing, meetings and travel arrangements, office finance, patient education, telephone procedures, cultural differences, and health insurance. Prerequisite: 2.0 or above in BTEC 101, 110, and 260.

Medical Transcription

7143 BTEC	263A	(4)	9-9:50am	Daily	WAH 207	Copeland
8210 BTEC	263B	(4)	12-12:50pm	Daily	WAH 207	Copeland

A review of medical terminology and the preparation of medical transcripts. Prerequisite: 2.0 or above in BTEC 102, 110, and 260 and typing speed of 40wpm. Lab fee \$7.36.

Medical Law and Ethics

7144 BTEC	266AP1	(3)	Online			Boerner
-----------	--------	-----	--------	--	--	---------

Overview of medical law/ethics for healthcare professionals in various settings: billing/coding, transcription, phlebotomy, etc. Designed to explain ethical/legal obligations to the patient, employer, and health worker and clarify confidentiality requirements regarding patient records and history.

CHEMICAL DEPENDENCY**Drug & Alcohol Responses**

7157 CDP	101AT	(5)	1-3:20pm	TTh	WSC 211	Rabe S
7158 CDP	101RT	(5)	1-3:20pm	TTh	MOR 108	Rabe S

Body's physical and behavioral response to alcohol and drugs, research findings, basic information and terminology essential for working and communicating with professionals, patients, and families. Four-hour HIV/AIDS brief risk intervention for the chemically dependent training. Prerequisite: CDP 100.

CDP Counseling Theory

7159 CDP	110AT	(4)	1-3:20pm	M	WSC 211	Rabe S
			2-3:20pm	W	WSC 211	Rabe S
7160 CDP	110RT	(4)	1-3:20pm	M	MOR 108	Rabe S
			2-3:20pm	W	MOR 108	Rabe S

Overview of communication skills, theories, and techniques used in developing a common understanding of addictive behavior. Comprehensive review of behaviors and an introduction to counseling methods to facilitate change in chemically dependent clients. Prerequisite: CDP 100 and PSYC& 200.

CDP Counseling Seminar

8224 CDP	111A	(1)	1-1:50pm	W	WSC 108	Bailey L
----------	------	-----	----------	---	---------	----------

Practical training in Motivational Interviewing, the counseling method currently most commonly used in chemical dependency agencies.

CDP Supervised Practicum

7161 CDP	280A	(5)	ARR	ARR	ARR	Rabe S
----------	------	-----	-----	-----	-----	--------

One hundred fifty unpaid hours of practicum with a minimum of 50 hours of direct supervised work experience in college faculty approved chemical dependency agency. Prerequisite: CDP 100.

CHEMISTRY**Introduction to Chemistry (S)**

7203 CHEM& 121A4	(5)	8-8:50am	MTWTh	WSC 121	Nagelkerke
		1-2:50pm	W	WSC 308	Nagelkerke
7204 CHEM& 121B4	(5)	8-8:50am	MTWTh	WSC 121	Nagelkerke
		3:20-5:10pm	W	WSC 308	Nagelkerke
7205 CHEM& 121C4	(5)	8-8:50am	MTWTh	WSC 121	Nagelkerke
		1-2:50pm	Th	WSC 308	Nagelkerke

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

Introduction to Organic/Biochemistry (S)

7206 CHEM& 131A4	(5)	11-11:50am	MTWTh	WSC 121	Goodwin
		1-2:50pm	W	WSC 302	Goodwin

Study of major organic functional groups and their properties and major biochemical compounds including carbohydrates, lipids, proteins, and major cellular energy pathways. Targeted for allied health programs. Prerequisite: CHEM& 121 with a 2.0 or instructor permission. Lab fee \$22.04.

General Chemistry w/ Lab II (S)

7207 CHEM& 162A4	(6)	10-10:50am	MTWTh	WSC 110	Goodwin
		1-4:50pm	T	WSC 302	Goodwin

The periodic table, chemical bonding, introduction to organic chemistry, intermolecular forces and liquids and solids, physical properties of solutions and kinetics. Prerequisite: CHEM& 161, MATH 099 or equivalent. Lab fee \$27.69.

General Chemistry w/ Lab III (S)

7208 CHEM& 163A4	(6)	10-10:50am	MTWTh	WSC 121	Nagelkerke
		1-4:50pm	M	WSC 308	Nagelkerke
7209 CHEM& 163B4	(6)	10-10:50am	MTWTh	WSC 121	Nagelkerke
		1-4:50pm	T	WSC 308	Nagelkerke

Chemical equilibrium, acids and bases, solubility equilibria, thermodynamics, redox reactions, coordination chemistry, nuclear chemistry and polymers. Prerequisite: CHEM& 162. Lab fee \$27.69.

Organic Chemistry w/ Lab III

7210 CHEM& 263A4	(6)	12-12:50pm	MTWTh	WSC 121	Goodwin
		1-4:50pm	Th	WSC 302	Goodwin

Complex organic reactions: acids, amines; carbanions, heterocycles; polyfunctional compounds. Prerequisite: CHEM& 262 or equivalent. Lab fee \$27.69.

Research in Chemistry

7201 CHEM	270A	(1-12)ARR	ARR	ARR	Nagelkerke
7202 CHEM	270B	(1-12)ARR	ARR	ARR	Goodwin

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

CHILD & FAMILY STUDIES**Positive Parenting Children in Childcare**

7166 CFS	132AP1	(1-4)	ARR	ARR	ARR	Miller
7184 CFS	142AP1	(1-4)	ARR	ARR	ARR	Miller
7193 CFS	152AP1	(1-4)	ARR	ARR	ARR	Miller

Positive Parenting with Infants and Toddlers

7165 CFS	122B	(2)	ARR	ARR	CEN	Austin R
----------	------	-----	-----	-----	-----	----------

Positive Parenting Children in ECEAP

7167 CFS	132BEC	(1-4)	ARR	ARR	ARR	Martin
7185 CFS	142BEC	(1-4)	ARR	ARR	ARR	Martin
7194 CFS	152BEC	(1-4)	ARR	ARR	ARR	Martin
7169 CFS	132CEC	(1-4)	ARR	ARR	ARR	Chapman
7186 CFS	142CEC	(1-4)	ARR	ARR	ARR	Chapman
7195 CFS	152CEC	(1-4)	ARR	ARR	ARR	Chapman
7180 CFS	132SEC	(1-4)	ARR	ARR	ARR	Scannell
7191 CFS	142SEC	(1-4)	ARR	ARR	ARR	Scannell
7199 CFS	152SEC	(1-4)	ARR	ARR	ARR	Scannell
7170 CFS	132CHE	(1-4)	ARR	ARR	CHE	Chapman

Positive Parenting as a Teen Parent

7168 CFS	132BP1	(1-4)	CANCELED			
7183 CFS	132TEE	(1-4)	CANCELED			
7192 CFS	142TEE	(1-4)	CANCELED			

7200 CFS 152TEE (1-4) **CANCELED****Positive Parenting in Cooperative Preschool**

7171 CFS	132FDL (1-4)	ARR	ARR	CEN	Chapman
7187 CFS	142FDL (1-4)	ARR	ARR	CEN	Chapman
7196 CFS	152FDL (1-4)	ARR	ARR	CEN	Chapman
□ 7177 CFS	132MOR(1-4)	ARR	ARR	MOR	Hanson
□ 7189 CFS	142MOR(1-4)	ARR	ARR	MOR	Hanson
□ 7197 CFS	152MOR(1-4)	ARR	ARR	MOR	Hanson
7179 CFS	132ROC (1-4)	ARR	ARR	ROC	Chapman
7190 CFS	142ROC (1-4)	ARR	ARR	ROC	Chapman
7198 CFS	152ROC (1-4)	ARR	ARR	ROC	Chapman

Positive Parenting Through Learning and Playing

7163 CFS	110ELL (1-2)	ARR	ARR	ARR	Burkhart
□ 7164 CFS	110MOR(1-2)	9-10:45am	Th	MOR	Hanson

Positive Parenting as Grandparents

7172 CFS	132GAP(1-4)	6-7:50pm	M	HFL	Rearden
7173 CFS	132GPM(1-4)	CANCELED			

Positive Parenting Children in Headstart

7174 CFS	132H (1-4)	ARR	ARR	CEN	Smith
7188 CFS	142H (1-4)	ARR	ARR	CEN	Smith

Love and Logic Positive Parenting7175 CFS 132LLJ (1-4) **CANCELED****Training in Positive Parenting Skills - T.I.P.S.**

7176 CFS	132M (1-4)	5:30-7:20pm	TTh	HFL	Osborne
----------	------------	-------------	-----	-----	---------

Positive Parenting in Recovery

7178 CFS	132REC (1-4)	ARR	ARR	CDC	Osborne
----------	--------------	-----	-----	-----	---------

Strengthening Families in Positive Parenting

7181 CFS	132SFC (1-4)	ARR	ARR	ARR	Staff
----------	--------------	-----	-----	-----	-------

Positive Parenting in Social Skills

7182 CFS	132SSK (1-4)	ARR	ARR	ARR	Quinlan
----------	--------------	-----	-----	-----	---------

CHINESE**Chinese II (H)**

☞ 7211 CHIN& 122A4 (5) 12-12:50pm Daily WSC 208 Wynder

Continued study of the fundamental skills of listening comprehension, speaking, reading and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture. Prerequisite: CHIN& 121 or permission of instructor.

Chinese III (H)

☞ 7212 CHIN& 123A4 (5) 11-11:50am Daily WSC 208 Wynder

Continued study of the fundamental skills of listening comprehension, speaking, reading and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture. Prerequisite: CHIN& 122 or instructor permission.

Chinese VI (H)

☞ 7213 CHIN& 223A4 (5) 1-1:50pm Daily WSC 208 Wynder

Continued study of the fundamental skills of listening comprehension, speaking, reading and writing the Mandarin Chinese language. Develop an understanding and appreciation of the Chinese people and culture. Prerequisite: CHIN& 222 or instructor permission.

COMMUNICATION STUDIES**Introduction to Mass Media (H)**☞ 7223 CMST& 102A4 (5) 11-11:50am Daily WAH 115 Fisher
☞ 7224 CMST& 102BP1 (5) Online Williams M

A survey of the mass media in America: newspapers, magazines, books, recorded music, radio, television, motion pictures, the World Wide Web: with emphasis on structure, function, audience, content, effect and social responsibility.

Debate I

☞ 8134 CMST 130A3 (5) 12-1:20pm MW NRA McQuarrie/Browning

Students will analyze, construct and deliver arguments on controversial topics using supportive evidence to respond to opposing viewpoints.

Public Speaking (H)☞ 7225 CMST& 220A4 (5) 8-8:50am Daily WSC 109 McQuarrie
☞ 7226 CMST& 220B4 (5) 9-9:50am Daily WSC 109 McQuarrie
☞ 7227 CMST& 220C4 (5) 11-11:50am Daily WSC 213 McQuarrie
☞ 7228 CMST& 220D4 (5) 12-12:50pm Daily WAH 105 Williams M
☞ 7229 CMST& 220EP1 (5) Online McQuarrie

Apply methods for managing speech anxiety, holding attention and making points in a variety of public speaking situations, including techniques for being credible and ethical. Communication theories and interpersonal skills also studied.

COMMUNICATIONS**Dragon NaturallySpeaking**7230 COMM 100A (2) 8-8:50am T WSC 101 Hoel
☞ 7231 COMM 100BP1 (2) Online Hoel

Designed to assist students in the development of computer and English composition skills while using Dragon NaturallySpeaking (voice recognition) and text to speech software.

COOPERATIVE WORK EXPERIENCE**Cooperative Work Experience**

□ 7232 COOP 190RE (1-12)ARR ARR MOR Barnes

Cooperative Work Experience allows students to apply classroom learning to on-the-job settings. Credit is earned for new and continued learning taking place in the work environment. Reaching set learning objectives and development of positive work habits are emphasized. The Cooperative Education Faculty Coordinator, the student employee, and the worksite supervisor identify the learning objectives. 30-360 hrs on-the-job per quarter. Instructor's permission is required. Corequisite: Enrollment in a Work Experience Seminar is required of Co-op students. You may take the Work Experience Seminar before or in the same quarter as the Co-op course.

CRIMINAL JUSTICE**Intro to Criminal Justice**

☞ 7219 CJ& 101A3 (5) 9-9:50am MTWTh WAH 105 Gilbertson

Examines local, state and Federal law enforcement agencies and the judicial and correctional systems. Career opportunities and qualifying requirements are studied. Lab fee \$15.31.

Community Policing☞ 7214 CJ 109A3 (5) 10-10:50am MTWTh WAH 105 Gilbertson
☞ 7215 CJ 109BP1 (5) Online Belden

Focus on resolving community issues and concerns via Community Oriented Policing and Problem Solving (COPPS) skills and strategies. Pre/corequisite: CJ& 101 or instructor permission.

Criminal Law

☎ 7220 CJ& 110A3 (5) 11-11:50am MTWTh WAH 105 Gilbertson
A broad survey of the common criminal laws and statutes of Washington and the other 49 United States. Pre/corequisite: CJ& 101 or instructor permission. Lab fee \$14.37.

Criminal Justice Ethics

☎ 7216 CJ 111A3 (5) 12-1:50pm MW WAH 109 Gilbertson
Presents an in-depth examination and analysis of the practical, theoretical, ethical and moral considerations found in the criminal justice system. Pre/corequisite: CJ& 101 or instructor permission. Lab fee \$15.31.

Criminology

☎ 7221 CJ& 112AP1 (5) Online Belden
Examines social components of crime, deviance, criminality, and societal reactions to crime. Includes discussion of causes and impacts of crime on society, classifications and theoretical interpretations of crime and the criminal justice system.

Crime Scene Technology

☎ 7217 CJ 225N3 (5) 5:30-8pm T WSC 108 McLeod W
Students learn techniques to collect and preserve common evidentiary items located at crime scenes for future laboratory analysis and judicial proceedings while ensuring proper chain of custody. Aspects of arson investigation are also studied. Lab fee \$14.38.

Crime Scene Photography

☎ 7218 CJ 228A3 (5) 1-3:50pm Th WSC 110 Belden
Practical application of basic crime scene photography methods and techniques for criminal investigations studied. Skills designed to capture the details of automobile accidents, misdemeanor, and felony crime scenes are discussed and practiced. Lab fee \$14.88.

Intro Forensic Science

☎ 7222 CJ& 240AP1 (5) Online Belden
Introductory course in forensic science examines physical evidence and laboratory analysis in criminal investigations. Skills and procedures required for collection, preservation, and identification of physical evidence are studied. Diagramming of crime scenes is practiced.

DIESEL EQUIPMENT TECHNOLOGY**Forklift Certification**

7234 DET 102A (1) 8am-5pm Sa TEC 104 Fay
A comprehensive classroom training along with practical, hands-on instruction on forklift operation and safety. Course covers state and federal regulations and proper operator training. Students are awarded a certification card upon successful completion. Prerequisite: DET 100. Lab fee \$40. **Class meets: TBA**

Internal Combustion Engines I

☎ 7235 DET 120A3 (7) 9-9:50am MTWTh DSL 104 McCarthy
10am-2:30pm MTWTh DSL 106 McCarthy
This course covers the operating principles of internal combustion engines. A variety of diesel engines will be disassembled and re-assembled with the use of service manuals. Prerequisite: DET 110 or instructor permission. Lab fee \$69.47. **Class meets 4/3 - 5/4.**

Shop Skills for Welders

☎ 7236 DET 166A3 (3) 10-11:50am TTh TEC 154 Driscoll
Develop practical work skills and work habits in the student. Includes safety procedures and practices, proper use and maintenance of common shop equipment and common processes and materials of metal products fabrication and manufacturing. Lab fee \$69.27.

Cooperative Work Experience

☎ 7237 DET 190A3 (1-15)ARR ARR ARR Lucas
☎ 7238 DET 190B3 (1-15)CANCELED

See description under Cooperative Work Experience heading.

Practical Shop Application

☎ 7239 DET 230A3 (7) 8-8:50am MTWTh TEC 104 McCarthy
10am-2:30pm MTWTh TEC 106 McCarthy

The discussion and implementation of proper shop practices and repair procedures. Lab fee \$104.01. **Class meets 5/8 - 6/12.**

Mobile HVAC Systems

☎ 7240 DET 235A3 (7) 8-8:50am MTWTh DSL 104 Lucas
10am-2:30pm MTWTh DSL 106 Lucas

The theory and application of basic principles used in Heating Ventilation and Air Conditioning (HVAC) systems of diesel powered equipment. Lab fee \$87.69. **Class meets 4/3 - 5/4.**

DRAMA**Applied Drama**

7245 DRMA 100A (3) 2-3:50pm TTh WAH 148 Petzold
☐ 7246 DRMA 100S (3) 6-8pm TWTh ROX Schwindt

Provides credit for participation in either the artistic or technical aspects of the college's quarterly play productions. This course may be repeated for credit.

Beginning Acting (H)

☎ 7247 DRMA 107A4 (5) 10-11:50am MW WAH 150 Kreilkamp
10-10:50am F WAH 150 Kreilkamp

Introduction with emphasis on concentration, imagination, movement, and characterization via vocal, physical, emotional exercises, improvisation, and scene work. Students will be expected to attend two plays during the quarter at their own expense.

Dramatic Performance (H)

☎ 7250 DRMA 115A4 (5) ARR ARR WAH 150 Kreilkamp
☐ 8160 DRMA 115S (5) 6-8pm TWTh Roxy Schwindt

For students involved in the creative/performance aspects of a play production, from audition through research/preparation for their portrayal and evaluation of their performance. The student must successfully audition and be cast in a college production. Prerequisite: audition selection for quarterly play production.

Directing

☎ 8169 DRMA 130A4 (5) 1-2:50pm TTh WAH 150 Kreilkamp
1-1:50pm F WAH 150 Kreilkamp

Directing is an introduction to the basic skills and concepts associated with directing for the theatre. Students will learn the fundamentals of preparing for and presenting a stage production, including: analyzing a script, making a rehearsal schedule, casting actors, conducting rehearsals, and collaborating with actors and designers. The course will involve both lectures and workshops, approaching both the theoretical and practical aspects of directing. The course will culminate in the performance of a short play, which will be shown to the public. Prerequisite: Intro to Theatre and Beginning Acting recommended.

Technical Production I

7251 DRMA 155A (2) CANCELED

This course is an introduction to the technical aspects and procedures specific to setting up and running live entertainment.

ECONOMICS

Microeconomics (SS)

☎ 7261 ECON& 201A4 (5)	12-12:50pm	Daily	WSC 208	Suozzo
☎ 7262 ECON& 201BP1 (5)	Online			Suozzo

Microeconomics is the study of households and firms and how they interact in markets under varying degrees of competition.

Macroeconomics (SS)

☎ 7263 ECON& 202A4 (5)	9-9:50am	Daily	WSC 213	Suozzo
☎ 7264 ECON& 202N3 (5)	5-6:50pm	W	WSC 204	Suozzo

Macroeconomics is the study of how any system allocates limited resources to meet unlimited wants. Major concerns of macroeconomic policy are: inflation, full employment, national income accounting, fiscal policy, the money supply and trade.

EDUCATION

Classroom Observation

7265 EDUC 202A (2)	10-10:50am	T	KMP 104	Spain
--------------------	------------	---	---------	-------

Students review teaching as a career. Students observe classrooms in action and attend seminars to discuss their findings. Students may make arrangements with the instructor to start observations before quarter begins. Lab fee \$12.

EDUCATION-EARLY CHILDHOOD

Child Care Basics

☎ 7255 ECED& 100AW1(3)	Online			Staff
------------------------	--------	--	--	-------

Designed to meet licensing requirements for early learning providers, STARS 30 hour basic course recognized in MERIT system. Topics: child development, cultural competency, community resources, guidance, health/safety/nutrition and professional practice.

Health/Safety/Nutrition

☎ 7256 ECED& 107AW1(5)	Online			Staff
------------------------	--------	--	--	-------

Develop knowledge and skills to ensure good health, nutrition, and safety of children in group care and education programs. Recognize the signs of abuse and neglect, responsibilities for mandated reporting, and available community resources.

Guiding Behavior

☎ 7266 EDUC& 130AS1 (3)	Online			Price
-------------------------	--------	--	--	-------

Examine the principles and theories promoting social competence in young children and creating safe learning environments. Develop skills promoting effective interactions while providing positive individual guidance and enhancing group experiences.

Infants/Toddlers Care

☎ 7257 ECED& 132AW1(3)	Online			Staff
------------------------	--------	--	--	-------

Examine the unique developmental needs of infants and toddlers. Study the role of the caregiver, relationships with families, developmentally appropriate practices, nurturing environments for infants and toddlers, and culturally relevant care.

Admin Early Lrng Prog

☎ 7258 ECED& 139AW1(3)	Online			Staff
------------------------	--------	--	--	-------

Establish administrative skills required to develop, open, operate, manage, and assess early childhood education and care programs. Explore techniques and resources available that meet Washington State licensing and NAEYC standards.

Child/Family/Community

☎ 8121 EDUC& 150AW1(3)	Online			Staff
------------------------	--------	--	--	-------

Investigate the family and community contexts in which children develop. Explore cultures and demographics of families in society, community resources, strategies for involving families in the education of their children and tools for effective communication.

Curriculum Development

☎ 7259 ECED& 160A4 (5)	1-3:20pm	MW	WSC 213	Spain
	1-3:50pm	MW	WSC 213	Kirkpatrick
	+4 hours/week			

Investigate learning theories and create curriculum that enhances the development of language, fine/gross motor, social-emotional, cognitive and creative skills in young children.

Language and Literacy

☎ 7253 ECED 181A4 (5)	1-3:50pm	Th	WSC 108	Spain
	1-3:50pm	Th	WSC 108	Kirkpatrick
	+4 hours/week			

Create teaching strategies for language acquisition and literacy skills at each developmental stage (birth-8) through the four interrelated areas of listening, speaking, writing, and reading. Lab fee \$10.

Intro to Education

☎ 7267 EDUC& 201AP1 (3)	Online			Spain
-------------------------	--------	--	--	-------

Explore the role of education in our society and investigate teaching as a career. Both the historical perspective and current trends in education will be discussed.

ECE Practicum II

☎ 7254 ECED 233A4 (5)	1-2:50pm	T	HFL	Spain
-----------------------	----------	---	-----	-------

Develop a professional understanding of teaching methods and practices with an opportunity to evaluate teaching skills and learning environment. Must have completed at least 30 credits in ECE or have instructor permission in order to enroll in this course. Lab fee \$10.

ELECTRONICS/ROBOTICS/MECHATRONICS

Engineering Graphics I

☎ 7310 ENGR& 111A4 (2)	2-3:50pm	MTWTh	KMP 129	Peterson D
------------------------	----------	-------	---------	------------

Introduces the basic concepts of engineering graphics through freehand sketching and computer-aided drafting. Includes orthographic projection, section and auxiliary views, dimensioning and text. **Class meets 4/3 - 4/28.**

Engineering Graphics II

☎ 7311 ENGR& 112A4 (3)	2-3:50pm	MTWTh	KMP 129	Peterson D
------------------------	----------	-------	---------	------------

Continuation of ENGR& 111. Emphasizes basic concepts of engineering graphics in CAD-based descriptive geometry applications. The latter part of the course covers a variety of 3-D modeling techniques and solid mass properties extraction. AUTOCAD software is used as the primary CAD-tool. Prerequisites: ENGR& 111, equivalent, or permission of instructor. **Class meets 5/1 - 6/16.**

Adv AC/DC Electronics

8139 ERA 117A (4)	9-9:50am	Daily	KMP121	Peterson D
	9-9:50am	Daily	KMP 128	Whalen

Advanced theorems, analysis and troubleshooting of Direct and Alternating Current. Devices including inductors and variable resistors and capacitors will be studied. Circuit simplification theorems will be studied and demonstrated. Prerequisite: MEC 116 or ERA 116. Lab fee \$67.

Solid State Devices

☎ 7317 ERA 170A4 (4) 8-8:50am Daily KMP 121/125 Peterson D
Applications of circuits using solid state electronic devices will be studied. Course content will include diodes, transistors, solid state relays, operational amplifiers and their respective applications in sensory and device control circuits. Prerequisite: MEC 116. Lab fee \$25.

Data Processing

☎ 7320 ERA 252A4 (3) 8-8:50am MTWTh KMP 129 Whalen
Introduction to retrieving, storing, processing and reporting data from input devices common to an industrial setting. A heavy emphasis will be placed on MS spreadsheet and database applications. Lab fee \$20.

Robotics Capstone

8140 ERA 276A (3) 1-1:50pm Daily MSG 115 Whalen
Class will cover project management through research and product development. Students will be required to supply project proposals, plans, budgets, structured updates and technical reports. Effective time management, communication and team dynamics will be emphasized.

Electrohydraulics

8141 MEC 154A (4) 11-11:50am MW KMP 129 Peterson D
10-11:50am TTh KMP 129 Peterson D
Continuation of MEC 153. Fluid power transfer and electrohydraulic fluid systems. Components studied will include pipes and hoses, pressure regulators, pressure and flow sensors, and electrical control systems. Heavy emphasis on trouble shooting. Prerequisite: MEC 153. Lab fee \$67.

Cooperative Work Experience

8142 MEC 190A (1-12)ARR ARR Whalen
See description under Cooperative Work Experience heading.

Allen Bradley PLCs

8143 MEC 260A (5) 12-12:50pm M KMP 129 Peterson D
12-1:50pm TWTh KMP 129 Peterson D
Study of Allen Bradley programmable logic controllers. Input and output modules will communicate with peripheral devices such as sensors, motors, lights and relays. Heavy emphasis on ladder logic, safety, troubleshooting and efficiency. Lab fee \$83.75.

Industrial Robotics

8144 MEC 270A (5) 10-10:50am MWF KMP 129 Whalen
10-11:50am TTh KMP 129 Whalen
Survey of robotics used in industry. Heavy emphasis on safe handling and work cell safety. Programming features include teaching points, program structure and device interfaces. Course includes Fanuc Corporation Certified Education Robot Training (CERT) Certification. Lab fee \$83.75.

EMERGENCY MEDICAL RESPONDER**Emergency Medical Responder**

☎ 7342 HLSV 163A4 (5) **CANCELED**
This course prepares students for certification as an Emergency Medical Responder in the State of Washington. Both lecture and practical training are used to teach important aspects of basic pre-hospital care. Prerequisite: 18 years old, affiliated with Lewis County EMS, valid driver's license. Lab fee \$48.17.

ENERGY TECHNOLOGY**Electric Utility Distribution System**

☎ 7585 PPO 103AT3 (5) 1-3:20pm M KMP 121 Crawford
Continuing coverage of power systems, boilers and prime movers. Prerequisite: PPO 102.

Industrial Safety

☎ 7586 PPO 130AT3 (5) 1-3:20pm W KMP 121 Crawford
Industrial safety practices, procedures, and equipment as found in modern power plants. Also included will be basic first aid and CPR, and basic firefighting equipment and procedures. Basic Rigging will be taught stressing safety. Prerequisite: PPO 102.

Plant Operations Refrigeration & HVAC

☎ 7587 PPO 203AT3 (5) 1-3:20pm T KMP 121 Steidel
Provides a background in power plant operations and controls. Prerequisite: PPO 202.

Power System Operator II

7588 PPO 206A (5) 1-3:20pm Th KMP 121 Steidel
This continuation of PPO 205 provides students with background in operating the American electrical grid system under North American Electrical Reliability Corporation (NERC) required standards and prepares for NERC exam. Prerequisite: minimum 2.5 grade in PPO 205 or instructor permission.

ENGINEERING**Electrical Circuits**

7312 ENGR& 204A (5) 10-10:50am MTWTh WSC 108 Threapleton
1-2:50pm F WSC 106 Threapleton
An introduction to basic electrical circuits and systems. Topics include: basic analysis techniques; nodal and mesh analysis; Thevenin and Norton equivalent circuits; operational amplifiers; step, natural and steady state circuit response. Concurrent enrollment in MATH 212 is recommended. Prerequisite: MATH& 152 and PHYS& 222.

Statics

7313 ENGR& 214A (5) 12-12:50pm Daily WSC 108 Threapleton
First of a three-course sequence. The basic principles of vector statics; friction, analytical and graphical methods of solving force systems including frames, trusses, and other simple mechanisms; centroids and moments of inertia; chains and cables. Corequisite: MATH& 151.

Research in Engineering

7309 ENGR 270A (12) ARR ARR ARR Threapleton
Design a research project, set up experiments, collect data in the lab or in the field, and/or analyze data. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.

ENGLISH**Spelling**

7269 ENGL 094N (1-5) 5-7:20pm TTh WSC 111 Shriver
Topics covered in this course include basic spelling patterns, commonly confused words, apostrophe use, capitalization, plural formation, and how pronunciation helps to improve spelling. Students utilize materials according to pretesting information.

Vocabulary Development I

7271 ENGL 095N (1-5) 5-7:20pm TTh WSC 111 Shriver
Builds a base of words used in everyday communication, provides systematic study, increases proficiency in oral and written communication and reading comprehension. Students are given a placement test and assigned materials at an appropriate level.

Vocabulary Development II

7273 ENGL 096N (1-5) 5-7:20pm MW WSC 111 Shriver

Builds a base of words used in everyday communication, provides systematic study, increases proficiency in oral and written communication and reading comprehension. Students are given a placement test and assigned materials at an appropriate level.

Vocabulary Development III

7275 ENGL 097N (1-5) 5-7:20pm MW WSC 111 Shriver

Course provides a systematic study of college level academic words and their roots, prefixes, and suffixes to increase proficiency in oral and written communication.

Writing & Grammar Review

7276 ENGL 098A (1-5) 10-10:50am Daily WAH 113 Shriver

7277 ENGL 098N (1-5) 5-7:20pm TTh WSC 111 Shriver

☐☞ 7278 ENGL 098R4 (1-5) 10am-12:20pm MW MOR 108 Barnes
+2.5 hours/week

☞ 8217 ENGL 098TC3 (1-5) 11:30am-12:50pm TWTh CTC Johnson R

Study proper word usage, sentence structure, and punctuation. Writing includes personal essays and summaries. Emphasis is on improving grammar and writing skills for personal needs and preparation for technical coursework. Prerequisite: students must meet mandatory placement requirements to enroll. **Section TC3 meets at the Chehalis Tribal (Community) Center at 461 Secena Road in Oakville.**

Fundamentals of English

7279 ENGL 099A (1-5) 11-11:50am Daily WAH 113 Burr

7280 ENGL 099B (1-5) 12-12:50pm Daily WAH 103 Shriver

7282 ENGL 099N (1-5) 5-7:20pm TTh WSC 111 Shriver

☐☞ 7283 ENGL 099R4 (1-5) 10-12:20pm MW MOR 108 Barnes
+2.5 hours/week

☞ 8218 ENGL 099TC3 (1-5) 11:30am-12:50pm TWTh CTC Johnson R

Prepares students for college composition. Students analyze texts, review sentence structure and punctuation, and write several short essays and other writing. Students must meet mandatory placement requirements to enroll. **Section TC3 meets at the Chehalis Tribal (Community) Center at 461 Secena Road in Oakville.**

English Composition I (C)

☞ 7285 ENGL& 101A4 (5) 8-8:50am Daily WSC 111 Rice

☞ 7286 ENGL& 101B4 (5) 9-9:50am Daily MSG 106 Rice

☞ 7287 ENGL& 101C4 (5) 10-10:50am Daily MSG 106 Erickson

☞ 7288 ENGL& 101D4 (5) 11-11:50am Daily MSG 106 Williams M

☞ 7289 ENGL& 101E3 (5) 12-12:50pm Daily WAH 109 Waliezer

☞ 7290 ENGL& 101F3 (5) 1-1:50pm MWF WSC 206 Young

☞ 7290 ENGL& 101F3 (5) 1-1:50pm TTh WAH 205 Young

☞ 8238 ENGL& 101TC3 (5) 11:30am-12:50pm TWTh CTC Johnson R

☞ 7291 ENGL& 101GP1 (5) Online Williams M

☞ 7292 ENGL& 101HP1 (5) Online Erickson

Expository writing course which encourages students to think and write with clarity, conciseness, and enjoyment; to organize and develop their ideas; and to express themselves sharply, economically, and grammatically. Prerequisite: students must meet mandatory placement requirements to enroll. A minimum score of 83 on the COMPASS test, a minimum score of 46 on the ASSET test, or completion of five credits of ENGL 099 with a minimum grade of 2.0. **Section TC3 meets at the Chehalis Tribal (Community) Center at 461 Secena Road in Oakville.**

Composition II (C)

☞ 7294 ENGL& 102A3 (5) 8-8:50am Daily WSC 206 Weil

☞ 7295 ENGL& 102B3 (5) 9-9:50am Daily WAH 113 Young

☞ 7296 ENGL& 102C3 (5) 10-10:50am Daily WSC 213 Waliezer

☞ 7298 ENGL& 102D3 (5) 11-11:50am Daily WSC 109 Waliezer

☞ 7300 ENGL& 102E3 (5) 12-12:50pm Daily WSC 206 Weil

☞ 7301 ENGL& 102F4 (5) 12-12:50pm Daily WSC 101 Williams A

☞ 7302 ENGL& 102G4 (5) 1-1:50pm Daily WAH 105 Williams A

☞ 7305 ENGL& 102N3 (5) 5-6:50pm M WSC 107 Williams M

☐ 7306 ENGL& 102R (5) 8-10:20am TTh MOR 108 Nellis

☞ 7307 ENGL& 102TC3 (5) 9:30-11:30am TWTh CTC Foss

☞ 7303 ENGL& 102HP1 (5) Online Foss

☞ 7304 ENGL& 102JP1 (5) Online Davidson

A course in argumentative and persuasive writing, methods of research, development and preparation of original source-based papers and projects. Prerequisite: completion of ENGL& 101 with a minimum grade of 2.0. **Section TC3 meets at the Chehalis Tribal (Community) Center at 461 Secena Road in Oakville.**

Women's Literature (H) (D)

☞ 8126 ENGL 160AP1 (5) Online Foss

Examines literature written by women to understand how gender, class, and race shape their experience and their writing. Genres will include poetry, short stories, non-fiction, fiction and drama. College-level reading and writing skills expected.

Science Fiction (H)

☞ 7284 ENGL 251A3 (5) 11-11:50am Daily WSC 206 Weil

Surveys rise and development of science fiction, focusing on short stories; students may address novels in course projects. Explores common themes: science fiction as social commentary; technology; war; relationships; race; gender; defining "human." Creative writing options.

Writing in the Workplace

☞ 7646 WRT 105A4 (5) 8-8:50am Daily WAH 207 Erickson

☞ 7647 WRT 105BP1 (5) Online Erickson

Study a variety of workplace communications, along with proper use of grammar, sentence structure, mechanics and vocabulary within those communications. Prerequisite: ENGL 098 or equivalent score on Compass/Asset test.

ENVIRONMENTAL SCIENCE

Survey of Env Science (S)

☞ 7314 ENV&S 100A3 (5) 11-11:50am MTWTh WSC 110 Haft

An introduction to the interactions between humans and the natural world. Topics include structure and function of ecosystems; populations growth; mineral, water, forest, food and energy resources, waste management, pollution. Local and global environmental issues will be discussed.

GEOLOGY

Intro Physical Geology (S)

☞ 7324 GEOL& 101A4 (5) 10-10:50am MTWTh WSC 101 Pringle

☞ 7324 GEOL& 101A4 (5) 1-2:50pm T WSC 105 Pringle

☞ 7325 GEOL& 101B4 (5) 10-10:50am MTWTh WSC 101 Pringle

☞ 7325 GEOL& 101B4 (5) 3-4:50pm T WSC 105 Pringle

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

Natural Hazards and Catastrophes (S)

☞	7321 GEOL	108A4 (5)	11-11:50am 1-2:50pm	MTWTh W	WSC 101 WSC 105	Pringle Pringle
☞	7322 GEOL	108B4 (5)	11-11:50am 3-4:50pm	MTWTh W	WSC 101 WSC 105	Pringle Pringle

An examination of earth materials and processes through the study of earthquakes, volcanoes, landslides, floods, tsunamis, hurricanes, tornadoes, wildfires, and meteorite impacts. Examination of causes and effects on human populations and the environment; preparedness, prediction and forecasting; mitigation of risks, and case studies. Lab fee \$28.36.

Geology of Pacific NW (S)

☞	8100 GEOL& 208A4 (5)	9-9:50am 1-2:50pm	MTWTh Th	WSC 101 WSC 105	Pringle Pringle
☞	8101 GEOL& 208B4 (5)	9-9:50am 3-4:50pm	MTWTh Th	WSC 101 WSC 105	Pringle Pringle

Examines the geology and geologic history of the Pacific Northwest and geologic processes important to its evolution. Topics include volcanoes, earthquakes, plate tectonics, rocks and minerals, faults and folds, mountain building, landforms, glaciation, and surface processes. Lab fee \$28.36.

Research in Geology

7323 GEOL	270A (1-12)ARR	ARR	ARR	Pringle
-----------	----------------	-----	-----	---------

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

HEALTH**Women's Health Issues (HF)(D)**

☞	7343 HLTH	120RP1 (3)	Online	Jones
---	-----------	------------	--------	-------

An opportunity to examine current women's health and well-being issues.

Health & Wellness (HF)

☞	7344 HLTH	130A4 (3)	9-9:50am	MWF	MSG 115	Johnson C
☞	7345 HLTH	130R3 (3)	1-2:20pm	TTh	MOR 101	Jones

An exploration of current personal health issues and a presentation of contemporary approaches to obtaining and maintaining a high level of wellness. Lab fee \$3.10.

Healthy Weight Control (HF)

☞	7346 HLTH	135A4 (2)	9-9:50am	TTh	MSG 115	Oien
---	-----------	-----------	----------	-----	---------	------

An introduction to healthy eating that focuses on a balance of foods, including a variety of lifestyle change strategies that will enhance the maintenance of a healthy weight. Lab fee \$3.10.

Exercise & Nutrition (HF)

☞	7347 HLTH	140AP1 (3)	Online	Johnson C
☞	8130 HLTH	140BP1 (3)	Online	Sanchez

Two core components of a healthy lifestyle - a healthy diet and a safe exercise program - will be explained and developed. Students are expected to exercise outside of class time.

Stress Management (HF)

☞	7348 HLTH	143A3 (2)	11-11:50am	MWTh	MSG 115	Johnson C
☞	8131 HLTH	143B3 (2)	8:30am-12:30pm	Sa	MSG 115	Johnson C

Understand how stress can impact quality of life. Learn methods for identifying stressors and strategies to effectively manage them. Construct a personalized stress management program. **Section A3 meets until 5/18; section B3 meets two Saturdays, 4/22 and 5/13 with the rest of coursework online.**

Technology Health/Fitness (HF)

☞	8132 HLTH	144A4 (2)	CANCELED
---	-----------	-----------	----------

Explore current uses of technology for adherence, motivation and monitoring of health and fitness behaviors. Areas covered will be digital coaching, fitness monitors and trackers, downloadable applications and peer to peer or social apps.

Safety and Fitness (HF)

☞	7350 HLTH	145A4 (3)	8-8:50am	MWF	MSG 106	Sanchez
☞	7351 HLTH	145BP1 (3)	Online			Johnson C
☞	7352 HLTH	145CP1 (3)	Online			Johnson C

Emphasizes the importance of safety, first aid, and exercise as they relate to an individual's level of health and fitness. The course includes American Red Cross Community First Aid and Community CPR certification. Lab fee \$44.25. **Online class sections have on-campus, required lab. Choose Wednesday, May 31, 4-8:30pm OR Thursday, June 5, 2-6:30pm.**

Community First Aid and CPR

7353 HLTH	154A (1)	8:30am-4pm	Sa	MSG 106	Layton
7354 HLTH	154B (1)	8:30am-4pm	Sa	MSG 106	Layton
7355 HLTH	154C (1)	CANCELED			
7356 HLTH	154D (1)	CANCELED			

Basic First Aid/CPR/AED class covering critical skills needed to respond to and manage first aid, choking or sudden cardiac arrest emergencies in the first few minutes until emergency medical services (EMS) arrives. Lab fee \$44.23. **Section A meets 3/18; section B meets 4/15.**

HISTORY**Western Civilization III (SS)**

7330 HIST&	118A (5)	10-10:50am	Daily	WSC 206	Peterson J
------------	----------	------------	-------	---------	------------

Analysis of the late 19th and 20th centuries with special attention paid to the development of political, social and economic trends and events.

US History I (SS)

☞	7331 HIST&	146AP1 (5)	Online	Mayfield
---	------------	------------	--------	----------

Analysis of American history from the pre-invasion to the Antebellum Era. Emphasis will be on the political, social, and economic changes.

US History II (SS)

☞	7332 HIST&	147A4 (5)	8-8:50am	Daily	KMP 104	Mayfield
---	------------	-----------	----------	-------	---------	----------

Analysis of American history from Antebellum Era to the Progressive Era. Emphasis will be on the political, social, and economic changes.

US History III (SS)

7333 HIST&	148AT (5)	12-12:50pm	Daily	WSC 211	Peterson J	
☞	8163 HIST	148RT (5)	12-12:50pm	Daily	MOR 110	Peterson J

Analysis of American history from World War One to the present. Emphasis will be on the political, social, and economic changes.

Hazards and History

8135 HIST	200A (5)	CANCELED
-----------	----------	----------

History and analysis of the impacts of and effects on human populations of natural hazards and catastrophes.

HUMAN RELATIONS

Human Relations-Workplace

☎	7327 HR	110A3 (5)	9-9:50am	MWF	WAH 115	McClain
☎	7328 HR	110B3 (5)	12-12:50pm	MWF	WSC 107	Smejkal
☐	8164 HR	110R4 (5)	8-9:30am	MWF	MOR 108	Barnes
☎	7329 HR	110CP1 (5)	Online			Smejkal

Study of behavior, personality, self-management, self-development, and elementary business psychology in the workplace. Focus on understanding and demonstrating skills imperative to workplace success including communications, personal attitude, motivation, and workplace etiquette. Lab fee \$5.

HUMANITIES

Humanities III (H)

☎	7388 HUM&	118A4 (5)	9-9:50am	Daily	WAH 109	Mitchler
---	-----------	-----------	----------	-------	---------	----------

A survey of the major movements in art, architecture, music, philosophy, and literature in a historical context, from 1800 C.E. to the present.

Lyceum VI

	7386 HUM	286A (1)	1-1:50pm	W	WAH 103	Bannish
☐	7385 HUM	283R (1)	12-12:50pm	Th	ROX	Schinnell

The Lyceum offers a variety of lectures on topics of current interest across a wide variety of disciplines. The theme may vary from quarter to quarter.

INFORMATION TECHNOLOGY

Computer Science I C++

☎	7233 CS&	131A3 (5)	11-11:50am	MTWTh	WAH 211	Gul
			+1 hr/wk			

Intended as an introduction to programming. Emphasis is on the features of the "C" programming language with an introduction to C++ object oriented programming and good programming style. Lab fee \$31.88.

Intro to Programming

☎	8208 IT	101A3 (5)	8-8:50am	MTWTh	WAH 211	Small
---	---------	-----------	----------	-------	---------	-------

This course provides an introduction to programming using Microsoft Visual Studio. Course focus is on building basic graphical applications using the Python programming language. Lab fee \$50.

Intro to Windows OS

☎	7389 IT	117A4 (3)	9-9:50am	MWF	WAH 212	Alves
---	---------	-----------	----------	-----	---------	-------

An introduction to Windows Operating System. Course will cover such things as the taskbar, Start menu, recycle bin, windows views, Window Explorer, storage devices, printing, saving, control panels, etc. Lab fee \$25.

Web Scripting 1

☎	7390 IT	119A3 (5)	9-9:50am	MTWTh	WAH 211	Small
			+1 hr/wk			
☎	8145 IT	119B3 (5)	10-10:50am	MTWTh	WAH 211	Small
			+1 hr/wk			

Designed for new web designers who want to develop, modify and design standards compliant web pages and sites using the HTML and CSS Languages. Students will be publishing their work on a web server. Lab fee \$50.

Web Scripting 2

☎	7391 IT	121A3 (5)	CANCELED			
---	---------	-----------	----------	--	--	--

A second course in Web Development. Focus is on modern, responsive, and accessible web design using the latest web specifications. Students will be publishing their work on a web server. Prerequisite: IT 119 or CST 119. Lab fee \$50.

Desktop OS 3

☎	7393 IT	125A3 (4)	11-11:50am	MTWTh	WAH 216	Allison
			+1 hr/wk			

This is a third course based on Comp IA A+ and Linux+ certification materials. Material covered includes advanced trouble-shooting, more advanced systems configuration and cmd/shell scripting. Prerequisite: IT 124 or CNT 124. Lab fee \$25.

IT Apps Internship

☎	7394 IT	130A3 (2)	ARR	ARR	ARR	Gul
---	---------	-----------	-----	-----	-----	-----

Students will get hands on, full life cycle software development experience working on projects for the department and college. Projects will include web and database application design, development, maintenance and support. Prerequisite: IT 101 and 119 or CST 101 and 119.

IT Support Internship

	7395 IT	140A (2)	ARR	ARR	ARR	Allison
--	---------	----------	-----	-----	-----	---------

This course is designed to provide students with an introduction to and experience in Help Desk operations. Students will learn the fundamentals of Tier 1 call taking and customer service. Prerequisite: IT 123 and 124 or CNT 123 and 124.

Microsoft Office for IT

☎	8146 IT	144A3 (5)	9-9:50am	MWTh	WAH 216	Allison
			+3 hr/wk			
☎	8147 IT	144B3 (5)	10-10:50am	MWTh	WAH 216	Allison
			+3 hr/wk			

This course provides an introduction to Microsoft Office from the perspective of a support technician. Coverage includes installation, configuration, formatting, document structure, templates, forms, security and troubleshooting. Prerequisite: IT 123 and 124 or CNT 123 and 124. Lab fee \$25.

Network Security

☎	7396 IT	203A3 (5)	1-1:50pm	MTWTh	WAH 216	Allison
			+2 hr/wk			

Course concentrates on materials commonly associated with Security+ certification. Coverage includes risk identification, intrusion detection, encrypted communication, firewalls and basic forensics. Prerequisite: IT 201 and 202. Lab fee \$50.

Server OS 3

☎	7397 IT	220A3 (5)	2-2:50pm	MTWTh	WAH 216	Allison
			+2 hr/wk			

This is the third course on server installation, configuration and management. Coverage includes MS SQL, Lync, Hyper-V and an introduction to cloud computing. Prerequisite: IT 219 or CNT 219. Lab fee \$25.

JAVA 3

	7398 IT	230A (5)	12-12:50pm	MWTh	WAH 211	Carlson C
			12-1:50pm	T	WAH 211	Carlson C

Third and final course in the introduction to Java programming sequence. This course covers recursion, exception handling and recovery, remote file access, event driven programming, binary search trees, and priority queues. Prerequisite: IT 224 and 228 or CST 224 and 228. Lab fee \$25.

INTENSIVE ENGLISH PROGRAM

Comprehension Language 1

☎ 8151 IEP 070A4 (1-9) 1-2:50pm Daily MSG 106 Lovelett

In this Level 1 Comprehension Language Skills course, students will develop listening and reading comprehension skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

Communicative Language Skills 1

8155 IEP 071A (1-9) 9-10:50am Daily LIB 125 Burr

Students will develop listening skills and work on activities to improve their reading comprehension, vocabulary, and analyzing skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

Comprehension Language 2

☎ 8152 IEP 072A4 (1-9) 1-2:50pm Daily MSG 106 Lovelett

In this Level 2 Comprehension Language Skills course, students will develop listening and reading comprehension skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

Communicative Language Skills 2

☎ 8156 IEP 073A4 (1-9) 9-10:50am Daily LIB 125 Burr

Students will develop listening skills and work on activities to improve their reading comprehension, vocabulary, and analyzing skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

Comprehension Language 3

☎ 8153 IEP 074A4 (1-9) 1-2:50pm Daily MSG 106 Lovelett

In this Level 3 Comprehension Language Skills course, students will develop listening and reading comprehension skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

Communicative Language Skills 3

☎ 8157 IEP 075A4 (1-9) 9-10:50am Daily LIB 125 Burr

Students will develop listening skills and work on activities to improve their reading comprehension, vocabulary, and analyzing skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

Comprehension Language 4

☎ 8154 IEP 076A4 (1-9) 1-2:50pm Daily MSG 106 Lovelett

In this Level 4 Comprehension Language Skills course, students will develop listening and reading comprehension skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

Communicative Language Skills 4

☎ 8158 IEP 077A4 (1-9) 9-10:50am Daily LIB 125 Burr

Students will develop listening skills and work on activities to improve their reading comprehension, vocabulary, and analyzing skills needed to succeed in subsequent liberal arts and technical/occupational courses. Prerequisite: Official Language Test score or Accuplacer score.

MATHEMATICS

Basic Mathematics

☎ 7434 MATH 095A4 (1-5) 7-8:50am	Daily	LIB 003B	Spitzer		
☎ 7435 MATH 095B4 (1-5) 9-9:50am	Daily	LIB 003B	Spitzer		
		Daily	LIB 003B	Keahey	
☎ 7436 MATH 095C4 (1-5) 1-3:20pm	MTWTh	LIB 003B	Spitzer		
		MTWTh	LIB 003	Keahey	
☎ 7437 MATH 095N4 (1-5) 4:30-6:50pm	MTWTh	LIB 112	McLeod A		
		4:30-6:50pm	MTWTh	LIB 112	Hemond
☎ 7439 MATH 095S4 (1-5) 4:30-6:30pm	MW	MOR 108	Goodwin D		

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

Pre-Algebra

☎ 7440 MATH 096A4 (1-5) 7-8:50am	Daily	LIB 003B	Spitzer		
☎ 7441 MATH 096B4 (1-5) 9-9:50am	Daily	WSC 215	Brosz		
☎ 7442 MATH 096C4 (1-5) 11-11:50am	Daily	WSC 204	Ziegler		
☎ 7443 MATH 096D4 (1-5) 1-3:20pm	MTWTh	LIB 003B	Spitzer		
		1-3:20pm	MTWTh	LIB 003B	Keahey
☎ 7444 MATH 096N4 (1-5) 4:30-6:50pm	MTWTh	LIB 112	McLeod A		
		4:30-6:50pm	MTWTh	LIB 112	Hemond
☎ 7447 MATH 096S4 (1-5) 4:30-6:30pm	MW	MOR 108	Goodwin D		
☎ 8216 MATH 096TC4 (1-5) 10-11:05am	MTWTh	CTC	Griffith		

Covers percents, proportions, unit conversions, geometry, simplifying algebraic expressions and solving simple first degree linear equations. Prerequisite: MATH 095 or appropriate test score placement. **Section TC4 is held at the Chehalis Tribal (Community) Center at 461 Secena Road in Oakville.**

Algebra for Statistics

☎ 7448 MATH 097A4 (5) 12-12:50pm Daily WSC 215 Brosz

An algebra course for students intending to enroll in MATH& 146, Introduction to Stats. This course does not meet the algebra prerequisite or other quantitative skills courses or for transfer to the University of Washington. Prerequisite: MATH 096 or Compass score of 78+.

Algebra I

☎ 7449 MATH 098A4 (1-5) 7-8:50am	Daily	LIB 003B	Spitzer		
☎ 7450 MATH 098B4 (1-5) 9-9:50am	Daily	WSC 204	Ziegler		
☎ 7451 MATH 098C4 (1-5) 10-10:50am	Daily	WSC 215	Brosz		
☎ 7452 MATH 098D4 (1-5) 1-3:20pm	MTWTh	LIB 003B	Spitzer		
		1-3:20pm	MTWTh	LIB 003	Keahey
☎ 7454 MATH 098N4 (1-5) 4:30-6:50pm	MTWTh	LIB 112	McLeod A		
		4:30-6:50pm	MTWTh	LIB 112	Hemond
☎ 7456 MATH 098S4 (1-5) 4:30-6:50pm	TTh	MOR 108	Goodwin D		
☎ 7453 MATH 098EP1 (1-5) Online			Ziegler		

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

Algebra II

☎ 7457 MATH 099A4 (1-5) 7-8:50am	Daily	LIB 003B	Spitzer		
☎ 7458 MATH 099B4 (1-5) 10-10:50am	Daily	WSC 204	Ziegler		
☎ 7459 MATH 099C4 (1-5) 11-11:50am	Daily	WSC 215	Brosz		
☎ 7460 MATH 099D4 (1-5) 1-3:20pm	MTWTh	LIB 003B	Spitzer		
		1-3:20pm	MTWTh	LIB 003B	Keahey
☎ 7462 MATH 099N4 (1-5) 4:30-6:50pm	MTWTh	LIB 112	McLeod A		
		4:30-6:50pm	MTWTh	LIB 112	Hemond
☎ 7465 MATH 099S4 (1-5) 4:30-6:50pm	TTh	MOR 108	Goodwin D		
☎ 7461 MATH 099EP1 (1-5) Online			Ziegler		

Introduces the concept of functions, their graphs and properties. Particular attention will be paid to linear, quadratic, exponential and logarithmic functions. Prerequisite: MATH 098 or equivalent.

Math in Society (M)

☎ 7469 MATH& 107A4 (5) 1-1:50pm Daily WSC 111 Griffith
 ☎ 7470 MATH& 107BP1 (5) Online Tonn

Designed to enhance math proficiency of liberal arts students as they meet personal and professional demands. Includes mathematics in management, statistics, probability, art, and other practical applications in society. Not preparation for calculus. Prerequisite: MATH 099 or equivalent.

Discrete Structures (M)

☎ 8214 MATH 128A4 (5) 11-11:50am Daily WAH 214 Taylor

This class is designed to introduce mathematical concepts and applications in computer science. Topics include logic, permutations and combinations, graphs and trees, recursion, and basic modular arithmetic.

Math for Elem Educ 1 (M)

☎ 7472 MATH& 131AP1 (5) Online Tveten

Designed to provide the conceptual framework for teaching mathematics from kindergarten through eighth grade. Prerequisite: MATH 099 or equivalent ASSET/COMPASS score.

Math for Elem Educ II (M)

☎ 8113 MATH& 132A4 (5) 12-1:50pm MWF NRA Taylor

The second of two courses designed to provide the conceptual framework for teaching mathematics from kindergarten through eighth grade. Prerequisite: MATH& 131.

Pre-Calculus I (M)

☎ 7473 MATH& 141A4 (5) 8-8:50am Daily WSC 204 Gul

Study of elementary functions (polynomial, exponential, logarithmic), systems of equations, matrix algebra. Modeling and problem solving techniques are emphasized from a graphic, symbolic and numeric perspective. Prerequisite: MATH 099 or equivalent placement.

Pre-Calculus II (M)

☎ 7474 MATH& 142A4 (5) 11-11:50am Daily WAH 212 Tonn

Graphical, numerical, symbolic development of trigonometric functions and their inverses as defined on the unit circle and right triangles; identities, equations, and applications; complex numbers, polar coordinates, parametric equations, vectors, conics, and sequences and series. Prerequisite: MATH& 141.

Statistics Prep Seminar

☎ 8123 MATH 145A4 (1) 2-2:50pm Daily WAH 212 Kiekel

Refreshes and enhances the necessary prerequisite skills for a college-level statistics course. Topics include algebra for statistics, spreadsheet software skills, and probabilistic reasoning. Prerequisite: MATH 097, MATH 099 or equivalent, or instructor permission. **Class meets 4/3 - 4/21.**

Introduction to Stats (M)

☎ 7475 MATH& 146A4 (5) 12-12:50pm Daily WSC 213 Kiekel

☎ 7478 MATH& 146NT3 (5) 5-6:50pm T WSC 213 Kiekel

☎ 7479 MATH& 146ST3 (5) 5-6:50pm T MOR0110 Kiekel

☎ 8254 MATH& 146D4 (5) 1-1:50pm Daily WAH 211 Kiekel

☎ 7476 MATH& 146BP1 (5) Online Kostick

☎ 7477 MATH& 146CP1 (5) Online Kostick

Introduction to concepts of data collection, organization and summaries. Develop the fundamental concepts of mean, median and standard deviation, probability, probability distributions, and apply these ideas to hypothesis testing, linear regression and analysis of variance. Prerequisite: MATH 097, MATH 099 or equivalent.

Calculus I (M)

☎ 7480 MATH& 151A4 (5) 8-8:50am Daily WSC 215 Carlson C
 ☎ 7481 MATH& 151BP1 (5) Online Taylor

The first in a four-quarter sequence. Limits, derivatives of algebraic and some transcendental functions, applications of derivatives, the indefinite integral. Topics covered from numerical, analytical and graphical viewpoints. Prerequisite: MATH& 142 or equivalent.

Calculus II (M)

☎ 7482 MATH& 152A4 (5) 9-9:50am Daily WSC 107 Carlson C

The second in a four-quarter sequence. Covers the calculus of transcendental functions (exponential, logarithm, inverse circular, hyperbolic), techniques of integration, sequences, series, and power series. Prerequisite: MATH& 151 or equivalent.

Elementary Differential Equations

☎ 7466 MATH 212A4 (5) 11-11:50am Daily WSC 108 Carlson C

Linear ordinary differential equations with emphasis on supporting concepts of differential operators, Wronskians, characteristic polynomials, homogeneous and nonhomogeneous cases, variation of parameters, undetermined coefficients. Solution of IVP by Laplace transforms and power series method. Prerequisite: MATH& 163.

Calculus IV

☎ 7468 MATH 264A4 (3) 1-2:20pm TTh WSC 101 Taylor

Fourth in a four-quarter sequence. Optimization of 2 and 3 variable functions, Lagrange Multipliers, applications and techniques of multiple integration, Green's Theorem, Stokes Theorem, and line and surface integrals. Prerequisite: MATH& 163 or its equivalent.

Research in Math

8265 MATH 270A (1-12)ARR ARR ARR Kiekel

Learning the skills to supplement mathematics education through research and/or specialized study in mathematics. Each credit hour requires 33 hours of activity per quarter. Prerequisite: instructor permission.

Industrial Math

☎ 7635 TMATH 116A4 (5) 8-8:50am Daily WSC 213 Kiekel

Application of basic mathematical operations to specific workforce programs including common fractions, decimal fractions, percentages, ratio and proportion, practical algebra, and computations involving rectangles and triangles. Emphasizes the use of mathematics in diesel and welding. Prerequisite: MATH 095.

MECHATRONICS - See **ELECTRONICS** heading**MEDIA STUDIES****Sports Announcing for Baseball**

☎ 7425 MST 128A4 (1) 2-2:50pm W WAH 140 Fisher

Learn and apply the basic skills and knowledge required of today's baseball announcers. This course will emphasize practical tips, ideas and theories that will help you on your way to becoming a quality baseball announcer.

Studio & Outdoor Lighting for Television & Film

7426 MST 158A (2) 2-2:50pm W WAH 113 Petzold

Discover the basic principles and techniques of lighting television and film sets in both indoor and outdoor situations.

Introduction to Broadcast News and Production

☎ 7427 MST	220A4 (4)	12-12:50pm	Daily	WAH 115	Fisher
		12-12:50pm	Daily	WAH 140	Fisher

Learn basic media news writing, produce and broadcast news and feature stories on both radio and television. Some media production techniques will be covered during the quarter.

Television Production

☎ 7428 MST	262A4 (5)	1-2:50pm	TTh	WAH 115	Fisher
		1-1:50pm	MWF	WAH 115	Fisher

Students will write, direct, produce and edit video packages and participate as crew members in producing classmate's video projects. Lab fee \$17.94.

Radio Broadcasting Internship

☎ 7429 MST	271A4 (1)	ARR		WAH 140	Fisher
☎ 7430 MST	272A4 (2)	ARR		WAH 140	Fisher
☎ 7431 MST	273A4 (3)	ARR		WAH 140	Fisher
☎ 7432 MST	274A4 (4)	ARR		WAH 140	Fisher

Practice and perfect your announcing skills on the campus radio station KCED FM. Prerequisite: MST 230, 231 or instructor permission.

TV Broadcasting Internship

☎ 7433 MST	281A4 (1)	1-2:50pm	T	WAH 115	Fisher
------------	-----------	----------	---	---------	--------

Designed for students who wish to produce independent video projects outside of the classroom environment. Permission of instructor required. Prerequisite: MST 260, 261, 262.

MEDICAL ASSISTANT**Medical Math**

7419 MA	130A (5)	10-10:50am	Daily	WSC 107	Steidel
---------	----------	------------	-------	---------	---------

A mathematics course that focuses on solving applications using percent, proportion, and unit conversion as well as descriptive data interpretation. Satisfies the math requirement for Medical Assistant AAS. Prerequisite: MATH 096 or equivalent.

MA Medical Terminology

☎ 8148 MA	139A3 (5)	9-9:50am	MTWTh	WAH 146	Boerner
-----------	-----------	----------	-------	---------	---------

A required class for all students enrolled in the Medical Assistant Program to develop a medical vocabulary from an anatomy, physiology, and pathology format. It is suitable for others entering medical-related fields. Lab fee \$5.

MA Electrocardiography

7421 MA	208A (2)	ARR		ARR	Layton
---------	----------	-----	--	-----	--------

Electrocardiography (ECG) for the medical assistant student; including anatomy of the heart and the cardiac cycle, ECG applications and methods for testing in ambulatory care. Lab fee \$15.

MA Clinical Procedure II

☎ 7422 MA	243A3 (6)	10am-12:50pm	Daily	WAH 146	Boerner
-----------	-----------	--------------	-------	---------	---------

Surgical setup for clinical/office procedures explored in detail; review of the role of diagnostic imaging, rehabilitation, and nutrition in the interdisciplinary approach of patient care. Prerequisite: MA 242, MA 246 with a 2.5 GPA or higher. Lab fee \$40. **Class meets 4/3 - 5/5.**

MA Clinical Externship

7424 MA	245A (6)	ARR		ARR	WAH 146	Boerner
---------	----------	-----	--	-----	---------	---------

One hundred eighty unpaid hours of externship in an ambulatory health care setting that allows the medical assistant student to bridge their classroom education and lab training to the real world medical setting. Prerequisite: MA 242, MA 246 with a 2.5 GPA or higher. Lab fee \$17.35. **Class meets 5/8 - 6/9.**

MUSIC**Fundamentals of Music (H)**

☎ 8124 MUSC	100A4 (5)	9-9:50am	Daily	WAH 125	O'Donel
-------------	-----------	----------	-------	---------	---------

Introduction to the elements of music theory, including scales, intervals, keys, triads, elementary ear training, notation, meter, and rhythm.

Music Appreciation (D) (H)

☎ 7534 MUSC& 105A4 (5)	9-9:50am	Daily	WAH 103	Woodcock
☎ 7535 MUSC& 105BP1 (5)	Online			May

Developing an understanding of music through the study of musical elements and cultural contexts.

Broadway Today (H)

☎ 7488 MUSC	118A4 (5)	11-11:50am	Daily	WAH 103	Woodcock
-------------	-----------	------------	-------	---------	----------

Study of current musicals including: Broadway musicals, television musicals and animated musicals. The following components will be examined: music, lyrics, plot, choreography, set design, costumes, generation of revenue, musical awards, and role of the critic.

Jazz Ensemble I - VI

☎ 8115 MUSC	124A4 (2)	5-6:50pm	MW	WAH 107	Lopez
☎ 8116 MUSC	125A4 (2)	5-6:50pm	MW	WAH 107	Lopez
☎ 8117 MUSC	126A4 (2)	5-6:50pm	MW	WAH 107	Lopez
☎ 8118 MUSC	127A4 (2)	5-6:50pm	MW	WAH 107	Lopez
☎ 8119 MUSC	128A4 (2)	5-6:50pm	MW	WAH 107	Lopez
☎ 8120 MUSC	129A4 (2)	5-6:50pm	MW	WAH 107	Lopez

Performing ensemble made up of students and community members. The ensemble's instrumentation is flexible, depending on availability of musicians. One evening rehearsal and one evening concert will be required. Off campus performances may be required. Lab fee \$17.49.

Beginning Guitar

7489 MUSC	135A (2)	1:30-3pm	TTh	WAH 107	Tillinghast
-----------	----------	----------	-----	---------	-------------

Presents the basic skills for reading and techniques needed to play the guitar. Intended for students with little or no background in guitar performance. Students must apply their own acoustic guitar.

History of American Popular Music (D) (H)

☎ 8159 MUSC	140AP1 (5)	CANCELED			
-------------	------------	-----------------	--	--	--

Exposure to styles of American popular music from the 1890's to the present. The development of four American styles: Blues, Ragtime, Danceband and Jazz showing the evolution of American popular music. Prior musical training is not required. Prerequisite: proficiency in reading and grammar skills.

Music Theory II (H)

☎ 7537 MUSC& 142A4 (5)	10-10:50am	Daily	WAH 125	May
------------------------	------------	-------	---------	-----

A study of musical concepts, including 16th and 18th century counterpoint, part writing, and musical phrases. Prerequisite: MUSC& 141.

Music Theory III (H)

☎ 7538 MUSC& 143A4 (5)	11-11:50am	Daily	WAH 125	May
------------------------	------------	-------	---------	-----

A study of musical concepts, such as dominant substitutions, voice leading chords, secondary dominants, motives and phrase structures. Prerequisite: MUSC& 142.

Choir I - VI

☞	7490 MUSC	144A4	(2)	3-3:50pm	MWF	WAH 107	Jardine-Tobin
☞	7491 MUSC	145A4	(2)	3-3:50pm	MWF	WAH 107	Jardine-Tobin
☞	7492 MUSC	146A4	(2)	3-3:50pm	MWF	WAH 107	Jardine-Tobin
☞	7493 MUSC	147A4	(2)	3-3:50pm	MWF	WAH 107	Jardine-Tobin
☞	7494 MUSC	148A4	(2)	3-3:50pm	MWF	WAH 107	Jardine-Tobin
☞	7495 MUSC	149A4	(2)	3-3:50pm	MWF	WAH 107	Jardine-Tobin

A vocal group consisting of the part distribution: soprano, alto, tenor, and bass. Will perform both sacred and secular music literature. Participation in one evening concert per quarter is mandatory. Previous choral experience not necessary. Prerequisite: by audition only. Lab fee \$17.49.

Applied Instrument Courses:

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

Applied Flute

7496 MUSC 150A (1) ARR ARR ARR O'Donel

Applied French Horn

7497 MUSC 154A (1) ARR ARR ARR Blaser

Applied Trumpet

7498 MUSC 155A (1) ARR ARR ARR Blaser

Applied Trombone

7499 MUSC 156A (1) ARR ARR ARR Lopez

8180 MUSC 156B (1) ARR ARR ARR Lopez

Applied Tuba

7500 MUSC 157A (1) ARR ARR ARR Blaser

Applied Euphonium

7501 MUSC 158A (1) ARR ARR ARR Blaser

Applied Percussion

7502 MUSC 159A (1) ARR ARR ARR Blaser

Applied Piano

7503 MUSC 160A (1) ARR ARR ARR May

Applied Violin

7504 MUSC 161A (1) ARR ARR ARR Scarborough

Applied Viola

7505 MUSC 162A (1) ARR ARR ARR Scarborough

8181 MUSC 162B (1) ARR ARR ARR Scarborough

Applied Cello

7506 MUSC 163A (1) ARR ARR ARR Staff

Applied Double Bass

7507 MUSC 164A (1) ARR ARR ARR Staff

Applied Guitar

7508 MUSC 165A (1) ARR ARR ARR Tillinghast

Applied Saxophone

7509 MUSC 166A (1) ARR ARR ARR Blaser

Applied Voice

7510 MUSC 167A (1) ARR ARR ARR Colgan

Applied Composition

☞ 7511 MUSC 168A4 (1) ARR ARR ARR May

Applied Clarinet

7512 MUSC 169A (1) ARR ARR ARR Blaser

Applied Oboe

7513 MUSC 170A (1) ARR ARR ARR Blaser

Applied Bassoon

7514 MUSC 171A (1) ARR ARR ARR Staff

Community Band I - VI

7515 MUSC	175A	(2)	7-9pm	T	WAH 150	Blaser
			ARR	T	WAH 150	Blaser
7516 MUSC	176A	(2)	7-9pm	T	WAH 150	Blaser
			ARR	T	WAH 150	Blaser
7517 MUSC	177A	(2)	7-9pm	T	WAH 150	Blaser
			ARR	T	WAH 150	Blaser
7518 MUSC	178A	(2)	7-9pm	T	WAH 150	Blaser
			ARR	T	WAH 150	Blaser
7519 MUSC	179A	(2)	7-9pm	T	WAH 150	Blaser
			ARR	T	WAH 150	Blaser
7520 MUSC	180A	(2)	7-9pm	T	WAH 150	Blaser
			ARR	T	WAH 150	Blaser

Performance ensemble consisting of students and community members. Repertoire will vary and be selected by the band director(s). The ensemble consists of band instrumentation and meets weekly for three hours. Lab fee \$10.

Community Orchestra I - VI

7521 MUSC	185A	(2)	7-9pm	M	WAH 150	May B
			ARR	M	ARR	May B
7522 MUSC	186A	(2)	7-9pm	M	WAH 150	May B
			ARR	M	ARR	May B
7523 MUSC	187A	(2)	7-9pm	M	WAH 150	May B
			ARR	M	ARR	May B
7524 MUSC	188A	(2)	7-9pm	M	WAH 150	May B
			ARR	M	ARR	May B
7525 MUSC	189A	(2)	7-9pm	M	WAH 150	May B
			ARR	M	ARR	May B
7526 MUSC	190A	(2)	7-9pm	M	WAH 150	May B
			ARR	M	ARR	May B

Performing ensemble made up of students and community members. Repertoire will vary and will be selected by the orchestra director. The ensemble consists of orchestral instrumentation and meets weekly for three hours. Lab fee \$10.

Music Theory VI (H)

☞ 8133 MUSC& 243A4 (5) 12-12:50pm Daily WAH 125 May

A study of musical concepts, focused on techniques and methods of the 20th and 21st century. Prerequisite: MUSC& 242.

Music Technology

☞ 7533 MUSC 276A4 (3) **CANCELED**

Detailed study of MAC-based music software to create recordings. Will acquaint the student with music technology to professionally edit, publish and compose original music.

NURSING**Common Alterations II**

☞ 7539 NURS 103A4 (12) ARR Daily WSC 202 Ormrod

☞ 7540 NURS 103B4 (12) ARR Daily WSC 202 Gustafson

Progressive competencies reflecting program themes are applied to surgical, neurologic, musculoskeletal, renal, and gastrointestinal nursing care. On-campus theory and skills labs and off-campus acute care clinical experiences are provided. Prerequisite: NURS 101, 102 or equivalent. Lab fee \$48.47.

Complex Management

☞ 7542 NURS 203A4 (8) ARR Daily WSC 202 Capen

☞ 7543 NURS 203B4 (8) ARR Daily WSC 202 Schuchmann

Progressive competencies reflecting program themes are applied to the care of clients with complex alterations in health. Community-based and acute care inpatient clinical opportunities are provided at regional facilities. Prerequisite: NURS 201 and 202 or equivalent. Lab fee \$55.23.

Transition to Practice

☞ 7545 NURS 222A4 (4) ARR Daily WSC 202 Schuchmann
 ☞ 7546 NURS 222B4 (4) ARR Daily WSC 202 Sullivan

Preceptor-guided experiences in a variety of community health care organizations are provided. Community-based and personal professional development projects are assigned. Prerequisite: NURS 201 and 202 or equivalent; corequisite: NURS 203. Lab fee \$46.95.

NURSING ASSISTANT**Nursing Assistant Certification**

☞ 7335 HLSV 131A4 (9) 8am-12pm MTWTh TEC 115 Speer
 5:45am-12pm Daily SCC Speer
 ☞ 7336 HLSV 131B4 (9) 8am-12pm MTWTh TEC 115 Speer
 5:45am-12pm MTWTh SCC Speer

Awareness of the role of the nursing assistant in nursing care and skill development. Topics: maintain a safe environment, provide restorative care, communication, and practice basic concepts of care. Background check is required for clinical. Lab fee \$194.58.

Nurse Delegation

7339 HLSV 132A (2) 12-3pm MTWTh TEC 115 Speer

Class is for Washington State caregivers who work in or will work in specific community-based long-term care settings. Course covers: medication administration, diabetes care, roles and laws pertaining to delegation and hands-on skills practice. Prerequisite: NAC Certification or co-enrollment in NAC. Lab fee \$36.52. **Class meets 4/17 - 4/28.**

Mental Health

7340 HLSV 133A (1) 12-3pm MTW TEC 115 Speer

Learn how a caregiver, in a generalized residential setting, can work effectively with a person who has a major mental disorder. Prerequisite: NAC certification or currently enrolled in NAC course. Lab fee \$30. **Class meets 5/8 - 5/10.**

Dementia

7341 HLSV 134A (1) 12-3pm MTW TEC 115 Speer

Learn how a caregiver, in a generalized residential setting, can work effectively with a person who has memory impairments. Prerequisite: NAC certification or currently enrolled in NAC course. Lab fee \$30. **Class meets 5/1 - 5/3.**

NUTRITION**Nutrition (S)**

☞ 7547 NUTR& 101A4 (5) 10-10:50am Daily WSC 109 Haft
 ☞ 7548 NUTR& 101BP1 (5) Online Ibrahim
 ☞ 7549 NUTR& 101CP1 (5) Online Ibrahim

An exploration of the six basic nutrients with diet planning principles, human metabolism, weight control and digestion also being studied. Some chemistry or biology background is helpful. Prerequisite: prior knowledge of chemistry or biology would be helpful.

OCEANOGRAPHY**Intro to Oceanography (S)**

☞ 7550 OCEA& 101AP1 (5) Online Khandro
 7551 OCEA& 101BP1 (5) Online Khandro

Explore the physical, geological, chemical and biological characteristics of the ocean: waves and tides, ocean and atmosphere circulation, coastal features and beach processes, ocean basins, sediments, ocean chemistry and physics, plate tectonics, and marine life. Meets requirement for lab course.

PHILOSOPHY**Intro to Philosophy (H)**

☞ 7578 PHIL& 101AP1 (5) Online Diamant

Investigate the assumptions philosophers have made about reality, knowledge, truth, God, morality, social construction, freedom, and paternalism.

Introduction to Ethics (H)

☞ 7577 PHIL 103AP1 (5) Online Diamant

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

PHLEBOTOMY**Advanced Phlebotomy**

☞ 8149 PHLE 132A3 (8) 11:30am-2:20pm MTWTh WAH 146 Boerner

Expansion of Phlebotomy skills introduced in PHLE 131. This course will offer lecture and lab sessions with emphasis on hands on practice and dexterity for successful and safe venipuncture. Prerequisite: PHLE 131 with a 2.5 GPA or higher. Lab fee \$53.16. **Class meets 1-2:20pm, 4/3 - 5/4 and 11:30am-2:30pm, 5/8 - 6/12.**

PHYSICAL EDUCATION**Soccer Fundamentals**

8243 P E 108A (1) ARR ARR ARR Malunat

This course will cover the basic skills and techniques of soccer. Includes team defense and team offense. Lab fee \$3.10.

Physical Fitness (HF)

☐ 8168 P E 110R (1) 9:30-10:30am TTh MOR 101 Jones

Study of all five areas of fitness: aerobic endurance, muscle strength, muscle endurance, flexibility, and body composition. Students work at their own fitness levels. Lab fee \$3.10.

Volleyball

7552 P E 115A (1) 12-12:50pm TTh MSG 103 Ewings

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

Lifestyle Management and Exercise (HF)

☞ 7553 P E 120A3 (2) 9-9:50am MWF MSG 125 Oien

Designed to assist individual in making life style changes associated with health and fitness. Lab fee \$3.10.

Basic Weight Training/Conditioning (HF)

☞ 7554 P E 123A4 (1) 11-11:50am MW MSG 125 Oien

Designed to condition the musculature of the body using machine and free weights. Lab fee \$3.10.

Free Weights (HF)

7555 P E 125A (1) 10-10:50am TTh MSG 130 Oien

Designed to develop muscle fitness through lifting free weights, Olympic lifts, plyometrics and power lifting. Students need prior weight training experience. Lab fee \$3.10.

Baseball Application I

7556 P E 131A (3) ARR ARR MSG 103 LeDuc J

Learn the techniques and strategies in a practice or game situation with an emphasis on fundamentals, conditioning, team concept and sportsmanship. Lab fee \$18.75.

Boot Camp Basics (HF)

7557 P E 140A (1) CANCELED

A high-impact exercise class designed to improve muscle strength, endurance, flexibility and aerobic capacity. Lab fee \$3.10.

Cardio Combo (HF)

☯ 7560 P E 142A4 (1) 10-10:50am MW MSG 103 Oien

A combination of cardio experiences to improve cardiovascular endurance, body composition, muscle fitness and flexibility. A variety of movements will be explored, including step aerobics, kickboxing, Drums Alive, Zumba, and circuits and weights. Lab fee \$3.10.

Yoga (HF)

☯ 7561 P E 150A4 (1) 9-9:50am TTh MSG 200 Goss

☯ 7562 P E 150N4 (1) 6-6:50pm TTh MSG 200 Goss

An exercise class integrating components of flexibility, muscular strength and endurance, and relaxation. Students will be encouraged to work at their own level of fitness. Lab fee \$3.10.

Pilates/Core (HF)

☯ 7563 P E 152A4 (1) 11-11:50am TTh MSG 200 Oien

☯ 7564 P E 152B4 (1) 4-4:50pm TTh MSG 200 May

☐☯ 7565 P E 152R3 (1) 3:30-4:30pm Th MOR 101 Johnson C

An exercise class designed to teach breathing with movement, body mechanics, balance, coordination, spatial awareness, strength and flexibility. Lab fee \$3.10.

Tai Chi Basics (HF)

7566 P E 153A (1) 8-8:50am MW MSG 200 Barr

Develop balance, lower-body strength and relaxation in motion with Wu Style Tai Chi. Students will work at their own level of fitness. Lab fee \$3.10.

Beginning Tae Kwon Do (HF)

☯ 7567 P E 158N (2) 6-8pm MW MSG 200 Grove

Develop balance, coordination, agility, spatial awareness, strength, and flexibility through the Korean art of Tae Kwon Do. Students will work at their own level of fitness. Lab fee \$3.10.

Intermediate Tae Kwon Do

☯ 7568 P E 159N (2) 6-8pm MW MSG 200 Grove

Further development of the techniques, forms, the sport, and self defense aspects required to advance to blue belt in the Korean martial art of Tae Kwon Do. Lab fee \$3.10.

Advanced Tae Kwon Do

☯ 7569 P E 160N (2) 6-8pm MW MSG 200 Grove

Further development of the techniques, forms, the sport, and self defense aspects required to advance to blue and orange belt in the Korean martial art of Tae Kwon Do. Lab fee \$3.10.

Softball Applications I

7570 P E 165A (3) ARR ARR MSG 103 Slorey

Learn how to apply the fundamentals of softball in game like situations. Lab fee \$3.10.

Lifetime Fitness (HF)

☯ 7571 P E 168A3 (2) 10-10:50am F WAH 105 Sanchez

☯ 7572 P E 168B3 (2) 12-12:50pm W MSG 106 Sanchez

Cardiovascular endurance, muscle fitness, weight management and flexibility will be studied. One lecture hour and two hours of activity per week. Lab fee \$3.10.

Advanced Soccer Fundamentals

8244 P E 208A (1) ARR ARR ARR Malunat

This course will review basic skills and techniques of soccer. Included in the course also will be advanced skills and techniques along with game strategies, team offense, and team defense. Prerequisite: PE 108 or instructor permission. Lab fee \$3.10.

Advanced Physical Fitness (HF)

☐ 8207 P E 210R (1) 9:30-10:30am TTh MOR 101 Jones

Continues individual's personal health-related physical fitness - cardiovascular endurance, muscular strength, muscular endurance, body composition and flexibility. Students encouraged to work at their own level of fitness. Prerequisite: PE 110 or instructor permission. Lab fee \$3.10.

Advanced Volleyball

7573 P E 215A (1) 12-12:50pm TTh MSG 103 Ewings

Advanced techniques and skills included in competitive volleyball. Advanced offensive and defensive tactics and strategy will be covered. Prerequisite: PE 115 or instructor permission. Lab fee \$3.10.

Physical Fitness Concepts (HF)

☯ 7574 P E 229A3 (3) 12-12:50pm MWTh MSG 115 Johnson C

A combination of theory and practice in the development of physical fitness. Two lecture hours and two activity hours per week. Lab fee \$3.10.

Baseball Application II

7575 P E 231A (3) ARR ARR MSG 103 LeDuc J

Learn advanced techniques and strategies in a practice or game situation with an advanced emphasis on fundamentals, conditioning, team concept and sportsmanship. Prerequisite: PE 131 or instructor permission. Lab fee \$18.75.

Softball Applications II

7576 P E 265A (3) ARR ARR MSG 103 Slorey

Learn how to apply the advanced techniques of softball in game-like situations. Prerequisite: PE 165 or instructor permission. Lab fee \$3.10.

Adventure PE

☐ P E 291R (1) 5:30-6:20pm Th MOR 108 Johnson C

Learn the basics of hiking as a fitness program. The class format will be lectures with a required Saturday hike on 5/20, 9am-4pm, as well as a required hike on your own. Topics will include 10 essentials, weather, equipment, clothing, wildlife and plants, fueling yourself, basic first aid, trip planning, and trails and maps. Lab fee \$10.

PHYSICS**Engineering Physics III (S)**

7580 PHYS& 223A (5) 8-8:50am MTWTh WSC 108 Threapleton

1-2:50pm M WSC 106 Threapleton

Optics modern physics, electricity and magnetism. Includes geometrical and physical optics, Maxwell's equations, AC/DC circuits and special relativity. Prerequisite: PHYS& 222 and MATH& 153. Lab fee \$18.46.

Research in Physics

7579 PHYS 270A (12) ARR ARR ARR Threapleton

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

POLITICAL SCIENCE

American Government (SS)

7583 POLS& 202A (5) 9-9:50am Daily WSC 211 Peterson J

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

Comparative Government (SS) (D)

7584 POLS& 204AP1 (5) Online Hollenbeck

Examine political theory and application within a comparative framework: ideology, nature of participation, as well as a variety of governmental structures, and functions. Contemporary situations will provide the cases for example and analysis.

PSYCHOLOGY

General Psychology (SS)

7590 PSYC& 100A4 (5) 8-8:50am Daily WSC 107 Starroff

7591 PSYC& 100BP1 (5) Online Osawa

7592 PSYC& 100CP1 (5) Online MacNamara

An introduction to the scientific study of behavior: history, research methods, biology of behavior, lifespan development, sensation and perception, learning, memory, intelligence, motivation, emotion, personality, psychological disorders and therapies, and social psychology.

Lifespan Psychology (SS)

7593 PSYC& 200AT4 (5) 10-10:50am Daily WSC 211 MacNamara

7596 PSYC& 200RT4 (5) 10-10:50am Daily MOR0110 MacNamara

7594 PSYC& 200BP1 (5) Online MacNamara

7595 PSYC& 200CP1 (5) Online Osawa

Human development from conception to death. Basic concepts and principles of biological, cognitive, and psychosocial development are integrated for each age period. Typical developmental tasks as well as problems are emphasized. Prerequisite: PSYC& 100.

Social Psychology

8122 PSYC 250A4 (5) 12-2:20pm TTh WSC 107 MacNamara

The scientific study of how a person's thoughts, emotions, and behaviors are influenced by other people. Includes an exploration of: propaganda, persuasion, social cognition, human aggression, prejudice, love, and interpersonal sensitivity. Prerequisite: PSYC& 100 or instructor permission.

READING

Independent Study

7597 READ 096N4 (1-5) 5-7:20pm MW WSC 111 Shriver

Individualized instruction for the student whose needs are not currently being met by the available course offerings. Specialized curriculum and instruction are developed to meet each student's needs. Permission of instructor only.

Specific Reading Skill Development

7598 READ 097N4 (1-3) 5-7:20pm MW WSC 111 Shriver

This course is designed to provide students with opportunities to improve their reading specifically identified areas of need. Comprehension building, word attack skills, and content area reading are a few of the specific areas that can be targeted by this class.

Improvement of Reading

7599 READ 099A4 (1-5) 9-9:50am Daily WSC 108 Shriver

7600 READ 099N4 (1-5) 5-7:20pm MW WSC 111 Shriver

Students strengthen thinking, reading comprehension, and vocabulary skills in learning to read and study textbooks, writing summaries, note taking, and test taking. Completion of course satisfies the basic skill deficiency in reading. Prerequisite: COMPASS placement (reading) 49.

Technical Reading

7602 READ 100A4 (3) 9-9:50am Daily WSC 108 Shriver

7603 READ 100N4 (3) 5-7:20pm MW WSC 111 Shriver

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

Speed Reading

7604 READ 110N4 (3) 5-7:20pm ARR ARR Shriver

Self-paced course for students wishing to increase reading rate and comprehension using proper eye movements, improved vocabulary, and correct reading methods based on reading material. Prerequisite: college level reading and vocabulary skills.

SCIENCE

Intro to Physical Science (S)

7605 SCIE 104AP1 (5) Online Brown D

Study the basic concepts of physical science, learn to apply the scientific method to problem solving and popular science, and apply the scientific methods to a project. Meets requirement for lab course.

Weather and Climate (S)

7608 SCIE 115AP1 (5) Online Brown D

Study of Earth's atmosphere, atmospheric processes, weather, climate, and climate history. Experience will be provided in weather map interpretation, use of instruments, forecasting, interpretation of past climate conditions, and hands-on dendrochronology. Prerequisite: MATH 098 or equivalent. Meets requirement for lab course.

SOCIOLOGY

Intro to Sociology (SS)

7621 SOC& 101A4 (5) 8-8:50am Daily WSC 211 Coffman

7622 SOC& 101B4 (5) 9-9:50am Daily KMP 104 Coffman

7623 SOC& 101C4 (5) 11-11:50am Daily KMP 104 Staff

7624 SOC& 101DP1 (5) Online Medlin

Study of society and human interaction. Topics include social ranking, change, deviance, social control, the creation of thought and personality, groups, institutions, political and economic power, social movements, and how to gather valid sociological information.

Social Problems (SS)

7625 SOC& 201A (5) 10-10:50am Daily WSC 208 van Alstyne

Investigate problems within society and how we view certain social conditions as social problems. Topics include technology, environment, population, economy, class, race/ethnic relations, sexism, ageism, family problems, education, cities, deviance, crime, mental health, physical health.

Cultural & Ethnic Pluralism in Contemporary Society(SS)(D)

☎ 7620 SOC 225AP1 (5) Online Medlin
Examine ethnicity, ethnic identity, and cultural characteristics of ethnic and social groups in North America and around the world. Understand the relationship between social organization and forms of social, economic, and political domination and subordination.

SPANISH**Spanish I (H)**

☎ 7627 SPAN& 121A4 (5) 12-12:50pm Daily WSC 210 Gorecki
First class in 100 level sequence. Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures.

Spanish II (H)

☎ 7628 SPAN& 122A4 (5) 1-1:50pm Daily WSC 210 Martinez
Second class in sequence. Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures. Prerequisite: SPAN& 121 or instructor permission.

Spanish III (H)

☎ 7629 SPAN& 123A4 (5) 8-8:50am Daily WSC 210 Gorecki
☎ 7630 SPAN& 123B4 (5) 10-10:50am Daily WSC 210 Gorecki
☎ 8114 SPAN& 123CP1 (5) Online Martinez

Third class in sequence. Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures. Prerequisite: SPAN& 122 or instructor permission.

Heritage Spanish II (H)

☎ 7626 SPAN 202A4 (5) 9-9:50am Daily WSC 210 Gorecki
Introduction to academic Spanish for heritage/native speakers. Course is second in sequence designed to prepare speakers for more advanced study. Areas of focus include grammar terminology, spelling, accentuation, reading, writing and discussion of cultural topics. Prerequisite: native or heritage speaker of Spanish, instructor permission required.

Spanish VI (H)

☎ 7633 SPAN& 223A4 (5) 11-11:50am Daily WSC 210 Gorecki
Discuss Hispanic cultures in Spanish, develop oral and written skills, review and expand essential points of grammar, and build vocabulary. Prerequisite: SPAN& 222 or instructor permission.

SPEECH**Fundamentals of Public Speaking (H)**

☎ 7634 SPEE 101A4 (3) 10-10:50am MWF WAH 115 Fisher
A course focusing on development, preparation, and delivery skills for beginning public speakers. Attention given to anxiety reduction techniques in addition to the preparation and use of visual aids in informative and persuasive speeches.

STUDENT DEVELOPMENT**Study Skills**

☎ 7609 SDEV 099N4 (1-5) 5-7:20pm MW WSC 111 Shriver
Students learn essential skills needed for effective study. Course includes learning style assessment, time management, study reading, memory techniques, test-taking strategies, and research techniques.

Career Planning

☎ 7610 SDEV 105AP1 (2) Online Mercer
☎ 7611 SDEV 105BP1 (2) Online Mercer
☎ 8256 SDEV 105CP1 (2) Online Mercer

Students identify their interests, skills and abilities and evaluate their personality styles, values and work environments as they relate to careers. Activities include interest inventory test, computer programs, job market research and informational interviewing. The format is lecture, discussion, group activities and individual projects. Lab fee \$17.94.

Student Success

☎ 7612 SDEV 150A4 (3) 12-12:50pm MWF KMP 104 Burr
College success strategies; goal-setting, time management, memory improvement, textbook reading strategies, note-taking, test-taking, project management. Taught by lecture, group and individual work. Includes Saturday field trip for challenge course activities. Lab fee \$36.91.

WELDING**Welding for Mechanics**

☎ 7638 WELD 151A3 (5) 9-10:50am MW TEC 104 Lucas
9am-2:30pm TTh TEC 105 Lucas

Introduction of cutting and welding processes. Includes information on welding equipment and material, various welding techniques and proper safety procedures. Prerequisite: DET 110, DET 130, or instructor permission. Lab fee \$73.78. **Class meets 5/8 - 6/12.**

Oxyfuel & GTAW Welding

8173 WELD 159A (12) 11:30am-3:50pm MW TEC 103 Peters
10:30am-2:50pm F TEC 105 Peters

Theory and practice of oxyacetylene welding, brazing, cutting and gas tungsten arc welding. Safety, handling and use of compressed gases, materials, types of weld joints, and procedures. Lab fee \$138.75.

Oxyacetylene and Gas Tungsten Arc Welding

7641 WELD 180N (5) 5-8:50pm TTh TEC 103 Bhagwandin

Safety, setup, brazing, cutting, and welding in all positions using oxyacetylene and gas tungsten arc welding equipment. Lab fee \$73.78.

Shielded Metal Arc Welding

7642 WELD 181N (5) 5-8:50pm TTh TEC 103 Bhagwandin

Safety, setup, and welding in all positions using AC/DC arc welding equipment. Lab fee \$73.78.

Gas Metal Arc Welding

7643 WELD 182N (5) 5-8:50pm TTh TEC 103 Bhagwandin

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

Advanced Fabrication

7644 WELD 269A (11) ARR TEC 103 Driscoll
ARR TEC 105 Driscoll

Blueprint interpretation, layout tools and procedures, oxy-fuel and plasma cutting, fitting, and welding fabrication projects. Prerequisite: WELD 267 or instructor permission. Lab fee \$73.78.

BACHELOR OF APPLIED SCIENCE CLASSES

To learn more about the Bachelor of Applied Science Programs offered at Centralia College, please go to <http://bachelors.centralia.edu/>

Accounting Principles for Managers

📍 8110 ACCT 310A3 (5) 7-8:50pm M WSC 109 Kovis

Foundation course in accounting principles from a management perspective. Analyze the interrelationships of financial statements and cost behavior to measure and control the performance of a business entity, and make decisions based on this information.

Governmental Accounting

📍 7073 ACCT 401N3 (5) 7-8:50pm T WAH 111 Brodersen

An accounting course as it applies to government and not-for-profit entities. The topics include fund management, budget preparation, presentation of both fund and government-wide financial statements, and not-for-profit entity financial performance. Prerequisite: ACCT& 202 or permission.

Professional and Organizational Communication

📍 8111 CMST 330A3 (5) 6-7:50pm W WSC 213 McClain

Foundation course designed to develop effective written and verbal communication skills in organizational settings. Students will gain an appreciation for the crucial role communication plays in organizations and how to improve their employability.

Electrical III

📍 7241 DET 310A3 (5) 9-9:50am MTWTh TEC 159 Fay
10am-12:30pm MTWTh TEC 154 Fay

Course content will focus on the theory and application of advanced electrical circuits, schematic reading, and proper troubleshooting techniques. Prerequisite: enrollment in BAS-DT or by permission. Lab fee \$75. **Class meets 4/3 - 5/4.**

Power Generation & Maint

📍 7242 DET 360A3 (5) 9-9:50am MTWTh TEC 159 Fay
10am-12:30pm MTWTh TEC 154 Fay

Students will operate, maintain, test, and troubleshoot generators and related energized and de-energized components. Emphasizes safe working practices when working around on-site power generation systems. Prerequisite: enrollment in BAS-DT or by permission. Lab fee \$75. **Class meets 5/8 - 6/12.**

Metalwork & Fabrication

📍 7243 DET 420A3 (5) 9-9:50am MTWTh TEC 109 Conrad
10am-12:30pm MTWTh TEC 154 Conrad

Apply layout, blueprint, weld symbol interpretation, dimension conversations, welding, machine set-ups and fabrication skills to safely complete metal fabrication projects correctly. Prerequisite: enrollment in BAS-DT or by permission. Lab fee \$100. **Class meets 4/3 - 5/4.**

Hybrid Drives Electric

📍 7244 DET 440A3 (5) 9-9:50am MTWTh TEC 109 Conrad
10am-12:30pm MTWTh TEC 154 Conrad

Theory and application of gasoline/electric hybrid, diesel/electric hybrid, and diesel/hydraulic hybrid systems as well as commonly used electric drive systems in on and off highway equipment. System maintenance and cost benefit analysis will be covered. Prerequisite: enrollment in BAS-DT or by permission. Lab fee \$100. **Class meets 5/8 - 6/12.**

Internship

📍 8174 DET 450A3 (5) ARR ARR ARR Conrad

Provides students a venue to demonstrate the application of knowledge gained in the BAS-DT program, in the workplace. The internship will address BAS-DT program outcomes as agreed to by the student, internship provider and instructor. Prerequisite: enrollment in BAS-DT or by permission. Lab fee \$64.

Managerial Economics

📍 7260 ECON 305N3 (5) 5-6:50pm T WSC 206 Suozzo

This course surveys economic condition and the application of tasks normally associated with a corporate economist. Topics of study include free market economics, supply and demand, regulation, inflation, price elasticity, and comparative advantage. Prerequisite: lower division social science course.

Ethics

📍 7387 HUM 315A3 (5) 1-2:50pm M TEC 159 McClain
8104 HUM 315B (5) 12-1:50pm M WSC 204 Mitchler
📍 8109 HUM 315C3 (5) 5-6:50pm M WSC 109 Mitchler

Foundation course in ethics as applied to businesses and organizations related to management issues. Students will explore theoretical concepts in business ethics and apply them to real-world situations based on challenges managers face. Prerequisite: MGMT 300 or DET 300.

Software Engineering II

📍 8105 IT 340A3 (5) 2-2:50pm MTWTh WAH 211 Small
+2 hr/wk

A second course in Application/Software Engineering. Introduces test-driven development. Coding exercises include building unit tests and application code based on the requirements documentation of a project. Lab fee \$50.

Leadership & Org. Behav.

📍 7483 MGMT 320N3 (5) 5-6:50pm T WSC 109 MacNamara

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

Legal Issues

📍 7484 MGMT 325N3 (5) 6-7:50pm Th WSC 109 Bailey

A core course concerning the impact of laws, regulations and legal responsibilities on management behavior with a focus on the application of this learning to real life situations for organizations both large and small.

Mgmt of Human Resources

📍 7485 MGMT 420N3 (5) 7-8:50pm T WSC 109 Smejkal

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

Operations Management

📍 7486 MGMT 435N3 (5) 7-8:50pm T WSC 206 Klamm

Introduction to the key ideas and techniques used to plan, analyze, measure and improve an organization's production of goods and services. Topics explored include process-system modeling, product design/quality, inputs, processes, supply-chains, inventory, and people management. Prerequisite: enrollment in BAS-AM or by instructor permission.

Management Internship

📍 7487 MGMT 470N3 (5) 6-7:50pm Th WSC 206 Spanski-Dreffin

BAS-AM program outcomes in an internship with specific outcomes as agreed to by the student, internship provider and instructor. Classes will focus on sharing progress, issues or barriers from the internships. Prerequisite: completion of BAS-AM foundation courses and 30 additional BAS-AM core credits with a 2.0 minimum GPA. Lab fee \$4

MORTON- ADULT INTEREST

Pilates/Core

☐ 7088 ASI 011R3 (1) 3:30-4:30pm Th MOR 101 Johnson C

An exercise class designed to teach breathing with movement, body mechanics, balance, coordination, spatial awareness, strength and flexibility. Class fee \$25.

Adventure PE

☐ 8222 ASI 012R (1) 5:30-6:20pm Th MOR 108 Johnson C

Learn the basics of hiking as a fitness program. The class format will be lectures with a required Saturday hike on 5/20 as well as a required hike on your own. Topics will include 10 essentials, weather, equipment, clothing, wildlife and plants, fueling yourself, basic first aid, trip planning, and trails and maps. Class fee \$30.

Middle Eastern Dance

☐ 7089 ASI 014S (1) 6:30-7:30pm T MOR Klein

Learn and practice dance postures, flexibility, and dance movements traditional to Middle Eastern cultures. Discover rich and varied music and movement inherent in Middle Eastern dance. Dress for exercise. Class fee \$30.

Better Bones and Balance

☐ 7090 ASI 015R (1) 9:30-10:30am TTh MOR 101 Jones

Reap the benefits OSU Bone Research studies have shown: this exercise program can significantly slow loss of bone density in adults of all ages as well as improve balance, flexibility, coordination, muscle tone and overall body fitness. Class fee \$25.

Tai Chi Basics

☐ 8209 ASI 018S (1) 6:30-7:20pm M MOR Abe

Develop balance, strength, and relaxation in motion with Tai Chi stances and exercises focusing on body alignment and body mechanics. Students will work at their own level of fitness. Class fee \$30.

Computer for the Fearful

☐ 7091 ASI 020R (2) CANCELED

This class provides a basic introduction to computers (the parts and terminology), as well as an overview of the Window operating system. Class fee \$67. **Class meets 4/3 - 4/28.**

Introduction to Digital Cameras

☐ 7092 ASI 025R (2) 8:30-11am TTh MOR 112 Burres

Learn how to: download, rename, and organize digital images; apply basic image retouching, resizing and color balance; insert images into a Power Point presentation for displaying on the computer and/or overhead display. Class fee \$53. **Class meets 4/11 - 4/20.**

Health/Wellness Topics

☐ 8161 ASI 038R3 (2) 1-2:20pm TTh MOR 101 Jones

An exploration of current personal health issues and a presentation of contemporary approaches to obtaining and maintaining a high level of wellness. Class fee \$45.

Mount St. Helens Field Trip

☐ 8225 ASI 041R (1) 8am-5pm Sa MOR Fagin

In the field trip setting, students will learn about the 1980 eruption of Mount St. Helens including the human responses to the awakening events, the geologic processes driving the eruption, and the ecological response to the volcanic disturbance. Transportation provided. Class fee \$35. **Class meets 4/8.**

Introductory Spanish

☐ 8233 ASI 061R (2) 3:30-5pm Th MOR Martinez

This course continues to provide an introduction to the Spanish language and culture, including the alphabet, basic vocabulary and phrases for conversation, beginning grammar concepts, and aspects of the culture key to intercultural communication and understanding. Class fee \$45.

Community Speaker Series

☐ 8162 ASI 063R (1) 12-12:50pm Th Roxy Schinnell

The Community Speaker Series offers a variety of lectures on topics of current interest across a wide variety of disciplines. Class fee \$45.

MORTON - BUSINESS MANAGEMENT

Microsoft Excel-Brief

☐ 7614 SMGT 120R (2) 2:30-4:30pm Th MOR 112 Cantin

Courseware incorporates an accelerated, step-by-step, project-based approach, students develop an introductory level competency in Excel learning to create, edit, format, calculate and add special features to spreadsheets. Prerequisite: some computer experience. Class fee \$45.13.

Introduction to Bookkeeping II

☐ 7615 SMGT 156S4 (3) 5-6:20pm TTh MOR 101 Langrell

Accounting theory as applied to bookkeeping systems of small business including the completion of the accounting cycle. Prerequisite: SMGT 152. Class fee \$66.13.

Computer Keyboarding

☐ 7616 SMGT 157R (2) 11:30am-1pm TTh MOR 112 Cantin

Beginning keyboarding. Upon completion of this class, students should be able to type at 20wpm. Class fee \$45.13.

Quickbooks

☐ 7617 SMGT 161S4 (4) 5-7:50pm TTh MOR 101 Langrell

Courseware incorporates a step-by-step, project-based approach to creating a company, working with customer, vendor and banking transactions along with inventory, payroll, and balance sheet accounts. Use quick learning tutorials for audio instruction. Class fee \$87.13.

Microsoft Word

☐ 7618 SMGT 197R (3) 2-4pm T MOR 112 Cantin

Courseware incorporates a step-by-step, project-based approach, to develop competency in Microsoft Word learning to create, edit, format, and add graphics to documents. In addition to effectively plan, research, write and publish documents. Prerequisite: General understanding of personal computers and Windows. Class fee \$66.13.

Microsoft PowerPoint

☐ 7619 SMGT 298R (3) 11:30am-1pm T MOR 112 Cantin

Courseware incorporates a step-by-step, project-based approach, to develop competency in Microsoft PowerPoint learning to create, edit, and format professional presentations using tables, graphics, sound, animation, SmartArt and other common features. Class fee \$66.13.