Summer 2017
Advising Schedule

Summer quarter classes begin July 3, 2017

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

SCHEDULE KEY

Class has online component(s)
Evening courses
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), 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. See course descriptions for more details. Diversity courses offered Summer quarter 2017:

- ANTH&210AP1 (5) Indians of North America (SS)(D) Online
- ANTH 225AP1 (5) Cultural & Ethnic Pluralism in Contem. (SS)(D) Online
- ANTH 295A (5) Chile/Easter Island Field Trip ARR
- ENGL 160AP1 (5) Women’s Literature (H)(D) Online
- MUSC 139A (5) Music of the World (H)(D) 10:30-11:50am/MTWTh
- SOC 225AP1 (5) Cultural & Ethnic Pluralism in Contem. (SS)(D) Online
- SPAN 295A (5) Chile/Easter Islands Field Trip ARR

ADULT BASIC EDUCATION

Adult Basic Education Orientation
Required orientation 12-12:50pm W 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.

ADULT HIGH SCHOOL DIPLOMA

AGED 2109 ANTH 295A (5) ARR ARR ARR van Alstyne

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.

ANTHROPOLOGY

Indians of North America (SS)(D)
Required orientation 10-10:50am MTWTh Kirk Library
Investigate cultural systems of beliefs, behaviors and technology practiced by native North American peoples. Learn about subsistence patterns, exchange and trading relationships, marriage and the family, political organization, the life cycle, religion, belief and knowledge.

Cultural & Ethnic Pluralism in Contemporary Society (SS)(D)
Required orientation 1040 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.

Chile/Easter Island Anthropology Field Trip (D)
2109 ANTH 295A (5) ARR ARR ARR van Alstyne
Students will take part in an active exploration of the ancient and contemporary culture(s) and language(s) of Chile and Easter Island. Suggested previous enrollment in ANTH& 206 and/or ANTH 235.

ART

Art Appreciation (H)
Required orientation 1043 ART& 100AP1 (5) Online Martindale
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)
Required orientation 2104 ART 102A3 (5) 10:30am-1:50pm MTW Th W AH 116 Solomon
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
Required orientation 2105 ART 103A3 (5) 10:30am-1:50pm MTW Th W AH 116 Solomon
Intermediate level study of the fundamentals of drawing: composition, technique and manipulation of materials, exploration of subject matter. Lectures on contemporary and historical artists support drawing labs. Prerequisite: ART 102 or instructor permission. Lab fee $8.96.
SCHEDULE

The Solar System (S)

* 1051 ASTR 125N3 (3) 5-7:50pm W WSC 208 Garcia

Brief overview of the history and scope of astronomy, followed by a study of our own solar system including its sun, planets, moons, asteroids, and comets, and its origin. Some writing and computation is expected. Prerequisite: one year HS algebra or MATH 098.

The Solar System & the Universe (S)

* 1052 ASTR 127N3 (3) 5-7:50pm W WSC 208 Garcia

+3 hrs/wk

Brief overview of the history and scope of astronomy, followed by a systematic study of the solar system, stars, galaxies, and the universe. Prerequisite: six-week class, meets 7/3 - 8/11.

Electronic Medical Records

* 1057 BTEC 107AP1 (3) Online Copeland

Provides an overview of medical records as legal documents. Topics include the make-up of an electronic medical record, charting methods, and retention and storage of records. Course includes computerized medical record work. Corequisite: keyboarding skill, medical terminology. Six week class, meets 7/3 - 8/11.

Applied Business Math

* 1056 BTEC 120A3 (5) 9-10:20am MW WSC 215 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

* 1060 BTEC 190A (1-12) ARR ARR ARR Copeland

See description under Cooperative Work Experience heading.

Work Experience Seminar

* 1061 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 Co-op Work Experience. Both sections meet for six-weeks, 7/3 - 8/11. Morton BTEC lab is open TTh, 10:30am-5:30pm.

Keyboard Skillbuilding I

* 1055 BTEC 102A3 (3) 10:30-11:50am MTWTh WAH 205 Shultz

+2 hrs/wk

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. Both sections meet for six-weeks, 7/3 - 8/11. Morton BTEC lab is open TTh, 10:30am-5:30pm.

Excel

* 1065 BTEC 214R (5) Flexible MOR 112 Shultz

Class covers Excel in depth: document preparation, formatting, graphs, WordArt, columns, sorts, charts, mail merge, and styles. Students will format business documents to business standards. Prerequisite: keyboarding skill of 35wpm or instructor permission. Morton BTEC lab is open TTh, 10:30am-5:30pm.

Desktop Publishing

* 1067 BTEC 218R (4) Flexible 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. Six-week class, meets 7/3 - 8/11. Morton BTEC lab is open TTh, 10:30am-5:30pm.
SCHEDULE

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WORD II
- 1086 BTEC 219R5 (4) Flexible 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, format reports. Prerequisite: Word 1, keyboard speed of 35wpm. Six week class, meets 7/3 - 8/11. Morton BTEC lab is open TTh, 10:30am-5:30pm.

MICROSOFT OFFICE PowerPoint Module
- 1086 BTEC 222R5 (1) Flexible 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. Six-week class, meets 7/3 - 8/11. Morton BTEC lab is open TTh, 10:30am-5:30pm.

MEDICAL TERMINOLOGY
- 1070 BTEC 260A3 (4) 10-11:50am MTW WAH 146 Boerner
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. Six week class, meets 7/3 - 8/11.

MEDICAL LAW AND ETHICS
- 1071 BTEC 266A3 (3) 8-9:30am MTW WAH 146 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. Six week class, meets 7/3 - 8/11.

CHEMISTRY
Introduction to Chemistry (S)
- 1092 CHEM& 121A4 (5) 10:30-11:50am MTW WSC 121 Nagelkerke
12:30-3:20pm T WSC 308 Nagelkerke
- 1093 CHEM& 121B4 (5) 10:30-11:50am MTW WSC 121 Nagelkerke
12:30-3:20pm W 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.

CHILD & FAMILY STUDIES
Learning and Playing
- 1082 CFS 110ELL (1-2) ARR W ARR Burkhart
Parents learn about child development and how to apply that knowledge in their parenting role. Children attend classes with parents and participate in learning activities.

Learning with Infants and Toddlers
- 1083 CFS 120A (2) ARR W CEN Hastings
Parents learn about child development and how to apply that knowledge in their parenting role. Children attend classes with parents and participate in learning activities, music, discussion and art.

Positive Parenting Children on the Spectrum
- 1085 CFS 130AUT (2) ARR WTH ARR Burkhart

Positive Parenting Children as a Grandparent
- 1086 CFS 130GAP (1) 5:45-7:45pm M HFL Rearden

Training in Positive Parenting Skills – TIPS
- 1087 CFS 130M (4) 5-8pm TW HFL Osborne

Positive Parenting in Recovery
- 1089 CFS 130REC(2) 9:30am-12pm W HFL Osborne

Positive Parenting in Childcare
- 1084 CFS 130AP1 (1-2) Online Kirkpatrick
- 1090 CFS 140AP1 (1-2) Online Kirkpatrick
- 1091 CFS 150AP1 (1-2) Online Kirkpatrick

COMMUNICATION STUDIES
Introduction to Mass Media (H)
- 1102 CMST& 102AP1 (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.

Public Speaking (H)
- 1103 CMST& 220A4 (5) 7:30-8:50am MTWTh WSC 109 McQuarrie
- 1104 CMST& 220B4P1 (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 Naturally Speaking
- 1105 COMM 100A (2) 9-10:20am T WSC 101 Hoel +3 hrs/wk
- 1106 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
- 1107 COOP 190R (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
- 1098 CJ& 101AP1 (5) Online Belden
Examines local, state and Federal law enforcement agencies and the judicial and correctional systems. Career opportunities and qualifying requirements are studied.

Juvenile Justice
- 1099 CJ& 106A3 (5) 8-10:20am MT WAH 105 Gilbertson
- 1100 CJ& 106BP1 (5) Online Belden
Juvenile deviance and theories of criminality are studied. Economic, social, and psychological impact of juvenile delinquency trends examined. Pre/corequisite: CJ& 101 or instructor permission. Lab fee $15.31.
**Criminology**
- 1101 C&J 112A3 (5) 10:30am-12:50pm MT WAH 105 Gilbertson
Examines social components of crime, deviance, criminality, and societal reactions to crime. Includes discussion of causes and impacts of crime on society, classifications and theoretical interpretations of crime and the criminal justice system.

**Critical & Current Issues**
- 1094 CJ 114A3 (5) 10:30am-12:50pm WTh WAH 105 Gilbertson
- 1095 CJ 114BP1 (5) Online Belden
Examines current issues, topics and trends in the criminal justice system. Explores the issues of racism and bigotry as related to criminal justice practitioners. Pre/corequisite: C&J 101 or instructor permission. Lab fee $15.31.

**Domestic Violence & Abuse**
- 2125 CJ 130AP1 (5) Online Belden
Examines physical and sexual domestic violence in our society. This includes spouse/partner abuse and child abuse. Contemporary investigation and intervention strategies and techniques are studied including evidence discovery, collection and preservation.

**Felony Investigations**
- 1097 CJ 223A3 (5) 8-10:20am WTh WAH 105 Gilbertson
Practical application of investigation techniques for felony crimes is studied and examined. Includes Part I offenses and drug crime, crime scene considerations, search warrants, report writing, evidentiary issues, surveillance, using informants, and assisting with prosecution. Lab fee $14.88.

**DIESEL EQUIPMENT TECHNOLOGY**

**Forklift Certification**
- 1109 DET 102A (1) 8am-5pm ARR 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.

**Shop Skills for Welders**
- 1110 DET 166A (3) 8-10:20am TTh TEC 103 Peters
Develop practical work skills and work habits in the student. Includes safety procedures, 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**
- 1111 DET 190A (1-15) ARR ARR Lucas
See description under Cooperative Work Experience heading.

**DRAMA**

**Applied Drama**
- 1112 DRMA 100S (3) 6:30-9pm MTWTh MOR 101 Olmos
- 1113 DRMA 100SE (3) ARR MTWTh MOR 101 Olmos
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.

**Intro to Theatre (H)**
- DRMA& 101A4 (5) 9-10:20am MTWTh WAH 115 Kreilkamp
Overview of theatre as an art form with emphasis on the play in production and the roles of various theatre artists. Students are expected to attend two plays during the quarter at their own expense.

**Dramatic Performance (H)**
- 1114 DRMA 115S (5) 8:30-9pm MTWTh MOR 101 Olmos
- 1115 DRMA 115SE (5) ARR ARR MOR 101 Olmos
For students involved in the creative/performances 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. Summer Musical Production is “Nine to Five”. Performances are 8/5, 6, 8, 9, 12, and 13 at the Roxy Theater in Morton.

**ECONOMICS**

**Microeconomics (SS)**
- 1119 ECON& 201AP1 (5) Online Suozzo
Microeconomics is the study of households and firms and how they interact in markets under varying degrees of competition.

**Macroeconomics (SS)**
- 1120 ECON& 202AP1 (5) Online 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**

**Intro to Education**
- 1123 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.

**EDUCATION-EARLY CHILDHOOD**

**Child Care Basics**
- 1116 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**
- 1117 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.

**Child Development**
- 2100 EDUC& 115A4 (5) 12-2:50pm M WSC 213 Spain
+2 hrs/wk
Class meets 7/3, 17, 31, and 8/21.
An in-depth study of the physical, emotional, social, and mental development of children from conception through age eight. An understanding of family structure, interaction, and function will be integrated throughout the developmental process. Class meets 7/3, 17, 31, and 8/21.

**Guiding Behavior**
- 1121 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.
Family Child Care
- 1118 ECED& 134AW1 (3) Online Staff
Learn the basics of home/family child care program management. Topics include licensing requirements; business management, relationships building, health, safety, and nutrition, guiding behavior and promoting growth and development.

School Age Care
- 1122 EDUC& 136AW1 (3) Online Staff
Gain skills to provide developmentally appropriate and culturally relevant activities and care for school-age children. Focus is on preparing the environment, implementing curriculum, building relationships, guiding academic/social skill development, and community outreach.

ENERGY TECHNOLOGY

Power Plant Job Preparation
- 1241 PPO 191A3 (4) 8am-4pm MTWTh TAC 333 Crawford
Introduces students to local power generation facilities through touring potential job sites, performing market research and preparing for the POSS test which is required for entry level employment or apprenticeship. Lab fee $47. Class meets 7/3, 5, 6, 10, 11, and 12.

ENGLISH

Spelling
- 1124 ENGL 094S (1-5) CANCELED
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 II
- 1125 ENGL 096S (1-5) CANCELED
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.

Writing & Grammar Review
- 1126 ENGL 098A (1-5) 12-1:20pm MTWTh WSC 111 Shriver
- 1127 ENGL 098N (1-5) 7-8:50am MTW WAH 105 Shriver
- 1128 ENGL 098S (1-5) CANCELED
- 1129 ENGL 098SE (1-5) CANCELED
Study proper word usage, sentence structure, and punctuation. Writing includes personal essays and summaries. Emphasis is on improving grammar and writing skills for personal needs and preparation for technical coursework. Prerequisite: students must meet mandatory placement requirements to enroll.

Fundamentals of English
- 1130 ENGL 099A (1-5) 12-1:20pm MTWTh WSC 111 Shriver
- 1131 ENGL 099N (1-5) 7-8:50am MTW WAH 105 Shriver
- 1132 ENGL 099S (1-5) CANCELED
Prepares students for college composition. Students analyze texts, review sentence structure and punctuation, and write several short essays and other writing. Students must meet mandatory placement requirements to enroll.

English Composition I (C)
- 1135 ENGL& 101A3 (5) 9-10:20am MW WSC 109 Hampton +3.5 hrs/wk
- 1136 ENGL& 101B3 (5) 10:30-11:50am TTh WSC 109 Williams A +3.5 hrs/wk
- 1137 ENGL& 101CP1 (5) Online Erickson
- 1138 ENGL& 101DP1 (5) Online Davidson
Expository writing course which encourages students to think and write with clarity, conciseness, and enjoyment; to organize and develop their ideas; and to express themselves sharply, economically, and grammatically. Prerequisite: students must meet mandatory placement requirements to enroll. A minimum score of 83 on the COMPASS test, a minimum score of 46 on the ASSET test, or completion of five credits of ENGL 099 with a minimum grade of 2.0.

Composition II (C)
- 1139 ENGL& 102A3 (5) 12-1:20pm MW WSC 109 Williams A +3.5 hrs/wk
- 1140 ENGL& 102BP1 (5) Online Williams M
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.

Women's Literature (H)(D)
- 1134 ENGL 208AP1 (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.

Intro to Creative Writing (H)
- 1137 ENGL& 101B3 (5) 10:30-11:50am TTh WSC 109 Williams A
-Writers will move beyond the traditional "academic essay" into an exploration of literary genres to include poetry, creative nonfiction, short fiction, and drama. Prerequisite: college-level writing: test into ENGL& 101. Six week course, meets 7/5/16 - 8/12/16

Technical Writing (C)
- 1142 ENGL& 235AP1 (5) Online Williams M
-An alternative to ENGL& 102 for science and engineering majors, focused on writing with clarity, objectivity, audience awareness, proper formats as well as research techniques, problem-solving, critical thinking and development of source-based writing. Prerequisite: completion of ENGL& 101 with a minimum grade of 2.0.

Writing in the Workplace
- 1276 WRT 105A4 (5) 9-10:20am MTWTh WAH 209 Williams A
- 1278 WRT 105R4 (5) 2:30-5:30pm MW MOR 108 Barnes
- 1277 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

Intro to Env Science w/lab (S)
- 1143 ENV&S& 101AP1 (5) Online Carlson L
-An interdisciplinary course for non-science majors and beginning science students. Topics include biodiversity, climate, pollution, energy and food. Independent laboratories and field trips included. Students cannot receive credit for both ENV&S& 100 and ENV&S& 101.
HEALTH

Health & Wellness (HF)

→ 1154 HLTH 130AP1 (3) Online Johnson

An exploration of current personal health issues and a presentation of contemporary approaches to obtaining and maintaining a high level of wellness.

Stress Management (HF)

→ 1155 HLTH 143AP1 (2) Online Johnson

Understand how stress can impact quality of life. Learn methods for identifying stressors and strategies to effectively manage them. Construct a personalized stress management program.

Safety and Fitness (HF)

→ 1156 HLTH 145A4 (3) 7:30-8:50am MTWTh MSG 115 Sanchez
→ 1157 HLTH 145BP1 (3) Online Johnson
→ 1158 HLTH 145CP1 (3) Online Johnson

The course emphasizes the importance of safety, first aid, and exercise as they relate to an individual’s level of health and fitness. The course includes the American Heart Association Heartsaver First Aid/CPR and AED certification. Lab fee $48.25. Online class sections have on-campus, required lab. Choose Monday, 8/14, 12:30-5pm OR Thursday, 8/17, 8am-12:30pm in MSG 106. Section A4 is a six week class, meets 7/3 - 8/11.

Community First Aid and CPR

1159 HLTH 154A (1) 8:30am-4pm Sa MSG 106 Layton
1160 HLTH 154B (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 6/10.

HISTORY

Pacific NW History (SS)

→ 1148 HIST 214AP1 (5) Online Mayfield

Study of the early exploration and settlement of the Pacific Northwest. Emphasis will be on the economic, political and social developments. The course is designed to meet state certification requirements for teachers.

HUMAN RELATIONS

Human Relations-Workplace

→ 1145 HR 110A3 (5) 9-10:20am TTh WSC 109 Smejkal
→ 1144 HR 110BP1 (5) Online McClain
→ 1146 HR 110CP1 (5) Online McClain

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

INFORMATION TECHNOLOGY

Computer Science I C++

→ 1108 CS& 131A3 (5) 9-9:50am MTWTh WAH 211 Gul

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.

Mobile Applications

2128 IT 265A (5) 10-11:20am MTWTh WAH 211 Small

Students will learn how to design and implement software in a mobile environment, using the device’s sensors, distribution models, location awareness, and other interactive elements present in the mobile device. Lab fee $50.

Internet Entrepreneurship

2126 IT 294A (4) CANCELED

Internet of Things

2127 IT 295A (5) 11:30am-12:50pm MTWTh WAH 211 Small

This class explores the use of inexpensive microcontrollers to prototype Internet connected inventions. Students will explore the domain of Internet of Things devices, and create one of their own. Students will build their own concept device and connect it to an online application or database system. Experience in electronics and at least one programming language is advised, but not required.

INTENSIVE ENGLISH PROGRAM

Comprehension Language 1 - 4

2115 IEP 070A4 (1-9) 9-11:50am MTWTh WSC 108 Lovelett
2116 IEP 072A4 (1-9) 9-11:50am MTWTh WSC 108 Lovelett
2117 IEP 074A4 (1-9) 9-11:50am MTWTh WSC 108 Lovelett
2118 IEP 076A4 (1-9) 9-11:50am MTWTh WSC 108 Lovelett

Students will develop listening and reading comprehension skills needed to succeed in subsequent liberal arts and technical/occupational courses.

Communicative Language 1 - 4

2119 IEP 071A4 (1-9) 12:30-3:20pm MTWTh WSC 108 Burr
2120 IEP 073A4 (1-9) 12:30-3:20pm MTWTh WSC 108 Burr
2121 IEP 075A4 (1-9) 12:30-3:20pm MTWTh WSC 108 Burr
2122 IEP 077A4 (1-9) 12:30-3:20pm MTWTh WSC 108 Burr

Students will develop speaking, grammar, and composition skills needed to succeed in subsequent liberal arts and technical/occupational courses. Lab fee $20.

MATHEMATICS

Basic Mathematics

→ 1181 MATH 095A4 (1-5) 7-8:50am MTWTh LIB 112 Spitzer
→ 1183 MATH 095N4 (1-5) 4:30-6:50pm MTWTh LIB 112 McLeod A
→ 1184 MATH 095R4 (1-5) 4:30-6:50pm MTWTh WSC 101 Callison

Class meets for six weeks, 7/3 - 8/11.

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

Pre-Algebra

→ 1185 MATH 096A4 (1-5) 7-8:50am MTWTh LIB 112 Spitzer
→ 1186 MATH 096B4 (1-5) CANCELED
→ 1187 MATH 096N4 (1-5) 4:30-6:50pm MTWTh LIB 112 McLeod A
→ 1188 MATH 096R4 (1-5) 8-10:30am MTWTh LIB 112 Callison

Six week class, meets 7/3 - 8/11.

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 B4 and section R4 meet for six-weeks, 7/3-8/11.
SCHEDULE

8 7/6/17

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.

Pre-Calculus I (M)
1204 MATH& 141AP1 (5) Online Carlson C
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)
1205 MATH& 142AP1 (5) Online Carlson C
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
2149 MATH 145A3 (1) 12:12:50pm MTWTh WAH 205 Kiekel +2 hrs/wk
Refreshes and enhances the necessary prerequisite skills for a college-level statistics course. Topics include algebra for statistics, spreadsheet software skills, and probabilistics reasoning. Prerequisite: MATH 097, MATH 099 or equivalent, or instructor permission. Class meets 7/3 - 7/20.

Introduction to Stats (M)
1206 MATH& 146A4 (5) 7:30-8:50am MTWTh WSC 213 Kiekel
1207 MATH& 146BP1 (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)
1209 MATH& 151N4 (5) 5-6:20pm MTWTh WSC 206 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.

Industrial Math
1268 TMATH 116A (5) 9-10:20am MTWTh WSC 208 Steidel
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.

MEDICAL ASSISTANT

Medical Math
2137 M A 130A (5) 12-1:20pm MTWTh 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 the Medical Assistant ATA. Prerequisite: MATH 096 or equivalent.

MA Medical Terminology
1180 M A 139A (5) 10-11:50am 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.

MUSIC

Fundamentals of Music (H)
1210 MUSC 100A4 (5) CANCELED
Introduction to the elements of music theory, including scales, intervals, keys, triads, elementary ear training, notation, meter, and rhythm.

Music of the World (H)(D)
1211 MUSC 139A4 (5) 10-11:50am MTWTh WAH 103 Woodcock
A music survey of diversity found in music around the world. Examines music as accompaniment to ceremony and ritual, aid to work and routine, and an expression of universal unchanged human emotions. Prior musical experience is not necessary. Prerequisite: proficiency in reading, grammar skills.
Music Theory III (H)
- 2133 MUSC&143A4 (5) 11am-12:20pm MTWTh WAH 125  May
A study of musical concepts, such as dominant substitutions, voice leading chords, secondary dominants, motives and phrase structures. Prerequisite: MUSC& 142.

Applied Instruments
The following applied instrument 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’s permission and/or audition required. Corequisite: ensemble and/or music theory. Lab fee $300.

Applied French Horn
1212 MUSC 154A (1) CANCELED

Applied Trumpet
1213 MUSC 155A (1) CANCELED

Applied Trombone
1214 MUSC 156A (1) ARR ARR ARR Blaser
2174 MUSC 156B (1) CANCELED

Applied Tuba
1215 MUSC 157A (1) CANCELED

Applied Euphonium
1216 MUSC 158A (1) CANCELED

Applied Percussion
1217 MUSC 159A (1) CANCELED

Applied Piano
- 1218 MUSC 160A4 (1) ARR ARR ARR May
- 2157 MUSC 160B4 (1) ARR ARR ARR May

Applied Violin
1219 MUSC 161A (1) CANCELED

Applied Viola
1220 MUSC 162A (1) CANCELED

Applied Guitar
1221 MUSC 165A (1) CANCELED
2165 MUSC 165B (1) CANCELED

Applied Saxophone
1222 MUSC 166A (1) CANCELED

Applied Composition
- 1223 MUSC 168A4 (1) CANCELED

Applied Clarinet
1224 MUSC 169A (1) CANCELED

Applied Oboe
1225 MUSC 170A (1) CANCELED

Performance Ensemble I
- 1226 MUSC 244S (1) 6:30-9pm MTWTh MOR 101 Sturgeon
An ensemble is for the advanced performer (Instrumentalists or Vocalists). Music reading is imperative. Will perform many styles of music. Concert performances will be both on and off campus and/or tour. By audition ONLY. Summer Musical Production is "Nine to Five". Performances are 8/5, 6, 8, 9, 12, and 13 at the Roxy Theater in Morton.

Musical Theatre Production I (H)
- 1227 MUSC 250S (5) 6:30-9pm MTWTh MOR 101 Sturgeon
Designed to introduce the student to all the elements of musical theatre. The student will study the audition process, the effect of musical choreography, the historical setting of the work chosen, musical score and dialogue. Summer Musical Production is "Nine to Five". Performances are 8/5, 6, 8, 9, 12, and 13 at the Roxy Theater in Morton.

Vocal Ensemble I
- 1228 MUSC 254S (2) 6:30-9pm MTWTh MOR 101 Sturgeon
A small vocal ensemble that prepares and performs chamber works, and contemporary vocal literature. Placement is by audition only. Auditions will take place during the first scheduled class. Summer Musical Production is "Nine to Five". Performances are 8/5, 6, 8, 9, 12, and 13 at the Roxy Theater in Morton.

NURSING ASSISTANT
Nursing Assistant Certification
1149 HLSV 131A (9) 8am-1pm MTWTh TEC 115 Speer
1150 HLSV 131B (9) 8am-1pm MTWTh TEC 115 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.

NUTRITION
Nutrition (S)
- 1229 NUTR& 101AP1 (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)
- 1230 OCEA& 101AP1 (5) Online Khandro
Meets requirement for lab course. Explore the physical, geological, chemical and biological characteristics of the ocean: waves and tides, ocean and atmosphere circulation, coastal features and beach processes, ocean basins, sediments, ocean chemistry and physics, plate tectonics, and marine life.

PHILOSOPHY
Introduction to Ethics (H)
- 1239 PHIL 103AP1 (5) Online Diamant
Focus on choices made in concrete circumstances. Study traditional ethical theories and present-day moral dilemmas.

PHYSICAL EDUCATION
Yoga (HF)
- 1233 P E 150A4 (1) 9-9:50am MTWTh 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. This is a six week course, meets 7/5/16 - 8/12/16.
Aerobic Fitness/Hiking (HF)  
2123 P E  151R3 (1) 9am-4pm  F  MOR  Johnson C  
A fitness program emphasizing aerobic activities only. Designed to develop cardiovascular endurance, flexibility and body composition. Lab fee $3.10. Students must be able to hike three to five miles on uneven terrain. Required orientation is at the Main Campus, 7/5, 5:15-6:15pm, OR at the Morton Campus, 7/6, 5:15-6:15pm. Class meets 7/14, 28, 8/18.

Pilates/Core (HF)  
2103 P E  152A4 (1) 4-4:50pm MTWTh MSG 200  May  
An exercise class designed to teach breathing with movement, body mechanics, balance, coordination, spatial awareness, strength and flexibility. Lab fee $3.10. This is a six week course, meets 7/3/16 - 8/12/16.

Tai Chi (HF)  
2107 P E  153A (1) CANCELED  
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. Six week class, meets 7/3 - 8/11.

Lifetime Fitness (HF)  
1237 P E  168A3 (2) 11-11:50am  W  MSG 115  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. Six week class, meets 7/3 - 8/11.

PSYCHOLOGY

General Psychology (SS)  
1243 PSYC& 100A4 (5) 10:30-11:50am MTWTh WSC 208MacNamara  
1244 PSYC& 100B1P (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)  
1245 PSYC& 200AP1 (5) Online MacNamara  
Human development from conception to death. Basic concepts and principles of biological, cognitive, and psychosocial development are integrated for each age period. Typical developmental tasks as well as problems are emphasized. Prerequisite: PSYC& 100.

Research Methods  
1242 PSYC 209AP1 (5) Online MacNamara  
Overview of scientific method, major research designs, statistical concepts and utilization of materials related to scientific journals. Prerequisites: PSYC& 100 (may be currently enrolled), eligible for ENGL& 101 and college-level math.

READING

Improvement of Reading  
1246 READ 099A (1-5) 10:30-11:50am MTWTh WSC 111 Shriver  
1247 READ 099N (1-5) 7-8:50pm MTW  WAH 105 Shriver  
1248 READ 099S (1-5) CANCELED  
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.

Speed Reading  
1249 READ 110A (3) ARR ARR WAH 105 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)  
1250 SCIE 104AP1 (5) Online Brown D  
Meets requirement for lab course. 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.

Weather and Climate (S)  
1251 SCIE 115AP1 (5) Online Brown D  
Meets requirement for lab course. 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.

SOCIOLOGY

Intro to Sociology (SS)  
1260 SOC& 101A4 (5) 7:30-8:50am MTWTh WSC 107 Coffman  
1261 SOC& 101B1P (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.

Cultural & Ethnic Pluralism in Contemporary Society (SS)(D)  
1259 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)  
1263 SPAN& 121A3 (5) 7:30-8:30am MTWTh WSC 210 Martinez  
Class meets 7/3 - 7/28.  
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)  
1265 SPAN& 122A3 (5) 7:30-10:30am MTWTh WSC 210 Martinez  
Class meets 7/31 - 8/11.  
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)
1266 SPAN 123A (5) 7:30-10:30am MTWTh WSC 210 Martinez +13 hrs/wk
Class meets 8/14 - 8/25.
Third class in sequence. Learn the fundamental skills of listening comprehension, speaking, reading and writing. Develop an awareness of Spanish speaking countries and their cultures. Prerequisite: SPAN 122 or instructor permission. Class meets 8/14 - 8/25.

Chile/Easter Island Anthropology Field Trip (D)
2110 SPAN 295A (5) ARR ARR ARR Gorecki
Students will take part in an active exploration of the ancient and contemporary culture(s) and language(s) of Chile and Easter Island.

Fundamentals of Public Speaking (H)
1267 SPEE 101A (3) 12:30-2:20pm TTh WAH 103 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.

Study Skills
1252 SDEV 099A (1-5) 10:30-11:50am MTWTh WSC 111 Shriver
1253 SDEV 099N (1-5) 7-8:50pm MTW WAH 105 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.

Start Smart
1254 SDEV 100A (1) CANCELED
A seminar for new students on college expectations and communication and technological skills for college. Introduction to academically related technology. Students will participate in small group activities, reading, writing and discussion exercises and practice accessing on-line resources.

Career Planning
1255 SDEV 105AP (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 $21.94.

WELDING
Oxyfuel & GTAW Welding
2132 WELD 159A (12) 8am-4pm MW TEC 103 Peters 11am-4pm TTh TEC 103 Peters

SMAW Welding
2130 WELD 161A (12) 8am-4pm MW TEC 103 Peters 11am-4pm TTh TEC 103 Peters
Shielded metal arc welding safety, joint design, electrode selection, welding machine setup and operations. Lab practice will include butt, lap, tee and corner joints in all positions. Weld testing and air carbon arc cutting included. Lab fee $138.75.
**Morton - Special Interest**

**Fitness for Health**
- 1044 ASI 012R (1) 9am-4pm F MOR Johnson
- Designed to help improve the five areas of health-related physical fitness: cardiovascular endurance, muscular strength, muscular endurance, body composition and flexibility. Participants will be encouraged to work at their own level of fitness. Class fee $45. Students must be able to hike three to five miles on uneven terrain. Required orientation is at the Main Campus, 7/5, 5:15-6:15pm, OR at the Morton Campus, 7/6, 5:15-6:15pm. **Class meets 7/14, 7/28, 8/18.**

**Middle Eastern Dance**
- 1045 ASI 014R (1) 6:30-7:30pm T MOR Nixon
- 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. Lab fee $30.

**Technical Aspects of Community Theatre**
- 1046 ASI 054S (1) 6:30-9pm MTWTh MOR 101 Olmos
- Develop skills needed to participate in technical aspects of community theatre production; explore volunteer opportunities in community theatre. Lab fee $25. Summer Musical Production is "Nine to Five". Performances are 8/5, 6, 8, 9, 12, and 13 at the Roxy Theater in Morton.

**Creative Aspects of Community Theatre**
- 1047 ASI 055R (1) 6:30-9pm MTWTh MOR 101 Sturgeon
- 1048 ASI 055S (1) 6:30-9pm MTWTh MOR 101 Sturgeon
- Create and experience the performance and creative aspects of theatre while developing memory and movement skills; explore community-based theatre volunteer opportunities. As part of a team, participate in a production. Lab fee $25. Summer Musical Production is "Nine to Five". Performances are 8/5, 6, 8, 9, 12, and 13 at the Roxy Theater in Morton.

**Morton - Small Business**

**Microsoft Excel-Brief**
- 1256 SMGT 120R (2) ARR TTh 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. **Six week class, meets 7/3 - 8/11. BTEC lab Staffed TTh 10:30am to 5:30pm. Lab fee $45.13.**

**Microsoft Word**
- 1257 SMGT 197R (3) ARR TTh 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. **Six week class, meets 7/3 - 8/11. BTEC lab Staffed TTh 10:30am to 5:30pm. Lab fee $66.13.**

**Microsoft PowerPoint**
- 1258 SMGT 298R (3) ARR TTh 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. **Six week class, meets 7/3 - 8/11. BTEC lab Staffed TTh 10:30am to 5:30pm. Lab fee $66.13.**