

COURSE DESCRIPTIONS

For Credit Courses Offered Summer/Fall (updated 6/26/03)

Administration of Justice

A-JUS 101—INTRO TO LAW ENFORCEMENT

The historical development of the administration of justice with emphasis on the organization and jurisdiction of local, state, and federal police agencies.

A-JUS 102—CRIMINAL LAW

The purpose, functions, and elements necessary to establish crime and criminal intent. Basic concepts of Washington criminal law, including a study of crimes and punishment.

A-JUS 104—POLICE ORGANIZATION/ADMINISTRATION

An analysis of the functional structuring of police departments, including the application of police organization and administration principles.

A-JUS 106—JUVENILE DELINQUENCY AND JUSTICE

The causation, apprehension, commitment, and treatment of juvenile delinquents including methods of caring for delinquents using basic sociological theories. (Same as SOCIO 106)

Anthropology

ANTHR 101—INTRO TO ANTHROPOLOGY

The human experience explored through paleontological and archaeological records, racial variation, and contemporary cultures.

ANTHR 202—INTRO TO CULTURAL ANTHROPOLOGY

Overview of the subfield of cultural anthropology. Cross cultural comparison of contemporary societies. Cultural elements including marriage, family, politics, technology, religion, etc.

ANTHR 210—NORTH AMERICAN INDIANS

Comparative study of American Indians, prehistoric origins, Paleo Indians. Representative cultures from Western U.S. Examination of contemporary Indians.

ANTHR 220—PEOPLES & CULTURES OF SOUTH ASIA

Survey of cultures and social structures of South Asia with emphasis upon selected areas and problems. The course covers religion, economy, art, music, gender, kinship, and socio-political conditions with main focus on cultural diversity and change.

Art

ART 100—ART APPRECIATION

Student finds personal meaning in visual arts, painting, sculpture, and architecture. Emphasis on diversity of form, and content, and comparative styles.

ART 102—ART HIST/ROMAN EMPIRE—RENAISSANCE

Major achievements in painting, sculpture, architecture, and the decorative arts of the Roman Empire through the Early Renaissance.

ART 106—DRAWING I

Drawing from still life and the figure with emphasis on composition, sensitivity of seeing, and interpretation.

ART 107—DRAWING II

Continued study of still life, figure, and landscape, with introduction to color and emphasis on sensitivity to design and expression.

ART 110—DESIGN I

Study of the relationship of form: the elements of art and the principles of art and organization as an understanding of two-dimensional art design.

ART 111—DESIGN II

Continuation of ART 110 with emphasis on color theory. Increasing visual awareness through a working knowledge of the formal principle of color and two dimensional design.

ART 112—INTRO TO INTEGRATED MULTIMEDIA

Students explore computer software and platforms while also learning the skills and possibilities of communication offered with the use of multimedia; a tool that can be used by everyone. (Same as IMM 101)

ART 125—CERAMICS I

Cone ten stoneware, mixing clays, emphasis on pottery wheel and hand building; firing kilns and experimenting with glaze chemistry.

ART 130—ANIMATION DESIGN

Students study animation history, character design and movement elements, production planning, 3D-model making, character sheets, background design, and writing for animation. (Same as IMM 181))

ART 134—PRINCIPLES OF PHOTOGRAPHY

Choice and use of equipment, camera body, lenses and filters, light meters, film types, B/W film processing and printing, composition and techniques of photography. (Same as IMM 184)

ART 195—INDEPENDENT STUDY:

- ART 195F IND. STUDY—CERAMICS
- ART 195G IND. STUDY—PAINTING
- ART 195J IND. STUDY—WATERCOLOR
- ART 195K IND. STUDY—JEWELRY

With assistance from the instructor, the student will study, independently, the course content as presented in the adopted course outline.

ART 206—DRAWING III

Further study of compositional and expressive intent in drawing as related to varied subject matter, and emphasizing techniques in color.

ART 210—DESIGN III

Continuation of ART 111 with emphasis on color and experimentation of differing materials in three-dimensional form.

ART 225—CERAMICS II

Continuation of ART 125 with new emphasis on design of form, experimenting with clays and glazes, and different firing techniques.

ART 226—CERAMICS III

Continuation of ART 225, with further experimentation in porcelain, clays, and glazes.

ART 230—WATERCOLOR I

Introduction to techniques of transparent watercolor. Studio and landscape experiences exploring the expressive and stylistic possibilities of the medium.

ART 231—WATERCOLOR II

Continuation of ART 230, encouraging further development of personal imagery, technique, and style. Emphasis will be on developing the student's work through individual instruction.

ART 232—WATERCOLOR III

Emphasis on composition, combining transparent and opaque watercolor, acrylic, prismacolor, pastels, ink, charcoal, and collage. Subject matter is open-ended.

ART 240—PAINTING I

Introduction of fundamental techniques/materials of acrylic painting. Emphasis on composition, color theory, and paint handling of image.

ART 241—PAINTING II

Painting studio course in acrylic techniques which examines a variety of color, compositional and stylistic challenges encountered in personal artistic interpretation.

ART 242—PAINTING III

Students will continue development of their painting skills through the exploration of 20th Century color theory and practice, composition and materials.

ART 280—JEWELRY I

Introduction to the design, materials, and fabrication of jewelry, with emphasis on expression through development of individual ideas and imagery through lecture, demonstrations, and studio works.

ART 281—JEWELRY II

Continued study in the design and fabrication of jewelry, with emphasis on personal expression through the development of individual ideas and imagery.

ART 282—JEWELRY III

Ongoing study in the design and fabrication of contemporary jewelry, with emphasis on personal expression.

Astronomy

ASTRO 101—INTRO TO ASTRONOMY

Modern concepts and theories from the science of astronomy; motions of night-time sky, history of astronomy, light and telescopes, solar system, stars, and galaxies. Particular emphasis on composition of our solar system.

Automotive Technology

AUT-T 101—INTRO TO AUTO TECH SYSTEMS/SERV

Familiarization with basic automotive systems, tools, and service procedures. This course or equivalent is prerequisite for admission into automotive vocational courses.

AUT-T 130—ELECTRICAL SYSTEM DIAGNOSIS

General electrical system diagnosis.

AUT-T 131—BATTERY DIAGNOSIS AND SERVICE

Auto battery system diagnosis and service.

AUT-T 132—STARTING SYSTEM DIAGNOSIS/REPAIR

Automotive starting system diagnosis and repair.

AUT-T 133—CHARGING SYSTEM DIAGNOSIS/REPAIR

Automotive charging system diagnosis and repair.

AUT-T 134—IGNITION SYSTEM DIAGNOSIS/REPAIR

Auto ignition system diagnosis and repair.

AUT-T 135—LIGHTING SYSTEM DIAGNOSIS/REPAIR

Lighting systems diagnosis and repair.

AUT-T 136—GAUGES AND WARNING DEVICES

Gauges, warning devices, and driver information systems diagnosis and repair.

AUT-T 137—HORN/WIPER/WASHER DIAG./REPAIR

Horn and wiper/washer diagnosis and repair.

AUT-T 138—ACCESSORIES DIAGNOSIS AND REPAIR

Auto accessories diagnosis and repair.

AUT-T 171—BASIC AUTOMOTIVE TUNE-UP

Maintenance and minor repair, with emphasis on the functional operation and techniques of minor adjustments and repairs.

AUT-T 230—ADVANCED ELECTRONICS/COMPUTERS

A study of the automotive computer: Its input sensors and apply devices, the systems it controls, and the diagnosing of problems relating to all of the above.

AUT-T 271—ADVANCED AUTOMOTIVE TUNE-UP
An exploration of computerized controls in automobiles and light trucks. Emphasis will be on input/output components and troubleshooting.

Biology

BIO 100—INTRO TO PLANTS

Basic course on plants, emphasizing diversity of structures, functions, economic importance, and function of plants in vegetation systems and human communities.

BIO 101—INTRO TO MARINE SCIENCE

Origin and extent of the ocean, its biological, chemical, geological, and physical aspects. Interactions of plants and animals in the sea and their use by humans. Includes some field trips.

BIO 105—BIOLOGICAL PRINCIPLES

A general overview of important areas of biology for non-science majors beginning at the cellular level and culminating with a consideration of interactions and changes in natural populations. Includes laboratory.

BIO 107—BIOLOGICAL TOPICS IN TODAY'S SOCIETY

For students not pursuing a career in biological sciences. Topics include diseases, pollution in Puget Sound, shellfish toxins and CIA, Rh Factor, and allergies.

BIO 201—GENERAL BIOLOGY

An introduction to the biological sciences, emphasizing genetic and cellular processes common to plants and animals. For majors and non-majors; however this course is designed to prepare students to enter advanced biology courses and pre-professional programs.

BIO 240—MARINE BIOLOGY

Local organisms and biological factors of the marine environment. Includes field trips to local intertidal areas.

BIO 250—ANATOMY AND PHYSIOLOGY

Analysis of representative vertebrates for the chemical-physical process in organ systems and their gross anatomy and histology as they pertain to the human body. Recommended for pre-professional programs. Enrollment in BIO 250 and 251 insures transferable credit.

BIO 260—MICROBIOLOGY

The structure, function, metabolism, genetics, control and cultivation of microorganisms. Their role in disease and immunity. Course includes the pathophysiology of 33 diseases. For science majors and pre-professionals.

Business and Economics

BS-EC 101—INTRO TO BUSINESS

Introduces the major operations of a business including production, marketing, finance, and human resource management. Examines the economic, social, and political environment of business.

BS-EC 201—ECONOMICS—MACRO

Fundamentals of a private-enterprise economy; national income; employment; inflation; growth; money; the monetary system; Keynesian Economics; Monetarist Economics; international trade.

BS-EC 202—ECONOMICS—MICRO

Supply and demand; cost and revenue analysis; pure competition; agriculture; monopoly; imperfect competition; antitrust policy; regulation; factor incomes; unions.

BS-EC 251—PRINCIPLES OF ACCOUNTING I

The course will begin with an overview of accounting as an information system, move to coverage of the accounting cycle, examine accounting for merchandising operation, and conclude with coverage of cash, receivables, and inventories.

BS-EC 252—PRINCIPLES OF ACCOUNTING II

The course includes accounting for fixed assets, liabilities, partnerships, and corporations. Additionally, coverage should include the statement of cash flows as well as the underlying principles of accounting.

BS-EC 253—MANAGERIAL ACCOUNTING

Development and analysis of accounting information for managerial decision-making.

BS-EC 257—INTRO TO BUSINESS STATISTICS

Collection and presentation of business data; empirical frequency distributions; measures of central position; measures of dispersion; index numbers; probability concepts.

BS-EC 260—BUSINESS LAW

Origin and development of business law, the legal system procedure, and institutions for enforcement of legal rights; business contracts, and business organization. U.C.C. regulations.

Business Management

BMGMT 105—INTRO TO FINANCIAL PLANNING

Provides information to help you establish a personal or small business financial plan. Includes common sense budgeting and money management tips, insights into credit card comparisons, real estate, refinancing and consumer loans; exploration of capital markets including stocks, bonds, mutual funds, money markets and foreign exchange. Basic retirement planning and insurance needs are also discussed. There's no reason not to have a plan anymore! (Formerly BS-EC 105)

BMGMT 145—BUSINESS ETHICS

Discover significant resources to increase your ability to engage in an ethical decision making process.

BMGMT 147—HUMAN RESOURCE MANAGEMENT

An entrepreneurial series, one-day seminar emphasizing Human Resource Risk Management issues including interviewing and performance appraisal techniques that foster increased productivity among employees. Wrongful termination, sexual harassment, OSHA, Americans with Disabilities, and Washington State wage and hour limitations for minors are also introduced. Applicable to start-up and existing small businesses. Contact the bookstore for required publication. (Formerly BS-EC 147)

BMGMT 170—CLIENT/CUSTOMER RELATIONS

Provides oral and written skill development focusing on efficient ways to deliver quality service to customers. (Formerly BS-EC 170)

BMGMT 180—MARKETING

Learn the basics about marketing and promotional strategies, consumer buying behaviors, marketing management processes, organizational marketing research and targeting niches. Baby Boomers, X'ers and Generation Y, find out how organizations large and small target consumers like you in promoting their goods and services at a profit. You'll never view commercials the same way again.

BMGMT 181—PRINCIPLES OF SALES

Selling isn't what it used to be. Find out how being an information provider can help you better meet your customer's needs and improve your opportunities for sales. This course provides an introduction into a number of effective selling techniques, information on handling objections, active listening and preparing that winning sales presentation. (Formerly BS-EC 181)

BMGMT 185—E-BUSINESS STRATEGIES

An interactive course balancing technical and strategic aspects of electronic business. Electronic platforms, payment systems, regulation, security and privacy issues are addressed.

BMGMT 220—HUMAN RELATIONS/WORKPLACE

The study of interactions between people at the workplace. The course focuses on developing skills to work effectively with other people as a team member and as part of an organization. (Formerly BS-EC 220)

BMGMT 282—PRINC. OF LEADERSHIP/MANAGEMENT

Exploration of the functions of management and strategies for effective leadership. Provides an overview of management theory, organizational structure, total quality control, staffing practices, empowerment through motivation, decision making and team leadership.

Chemistry

CHEM 101—ATOMS, MOLECULES, AND OUR WORLD

This course introduces chemical principles in a nonmathematical format and is intended for the liberal arts student. Topics will include food, energy, household chemicals, and drugs.

CHEM 121—GENERAL CHEMISTRY

Atomic and molecular theory, bonding, quantitative chemical relationships, solutions, ionic equilibria, acids, bases, salts, metals, and non-metals. An introduction to organic chemistry is included. Primarily for ADN and allied health students.

CHEM 122—SURVEY OF ORGANIC & BIOCHEMISTRY

Organic compounds: Hydrocarbons, alcohols, aldehydes, ketones, ethers, acids, lipids, carbohydrates, proteins, enzymes, and nucleic acids.

CHEM 139—PREP FOR INORGANIC CHEMISTRY

This course is designed to prepare students for CHEM 140 by introducing problem-solving techniques, the metric system, measurements, atomic structure, stoichiometry, solution chemistry, bonding, and molecular shape. NOT transferable for credit for science or engineering students.

CHEM 140—GENERAL INORGANIC CHEMISTRY

Principles of chemistry including stoichiometry, enthalpy, atomic theory, gases, periodicity, chemical bonding.

CHEM 141—GENERAL INORGANIC LABORATORY

Experiments illustrating general principles and quantitative relationships in chemistry.

CHEM 160—GENERAL INORGANIC CHEMISTRY

Principles of chemistry relating to acid/base equilibrium systems, heterogeneous equilibrium systems, transition metal chemistry, electrochemistry and nuclear chemistry.

CHEM 161—GENERAL INORGANIC LABORATORY

Volumetric and Gravimetric experiments in quantitative analysis using computer acquisition and treatment of data. Qualitative analysis of solutions containing selected metallic ions and polyatomic anions using wet chemical methods as well as a computer simulation.

CHEM 240—ORGANIC CHEMISTRY

An introduction to the alkanes, alkenes, and alkynes. Includes discussions of structure, including stereochemistry, chemical and physical properties, and substitution/elimination mechanisms.

CHEM 241—ORGANIC CHEMISTRY LABORATORY

Organic chemistry lab emphasizes mastery of techniques such as sample handling, filtration, measuring physical constants, recrystallization, extraction, GC, polarimetry, and refractometry.

Computer Information Systems

CMPT 110—INFORMATION SYSTEMS CONCEPTS

Fundamentals of information processing; file concepts; hardware and software; documentation standards.

Course Descriptions

CMPTR 111—INTRO TO OPERATING SYSTEMS

An introduction to operating system theory and common operating systems found in business environments, like Windows, MS-DOS, and UNIX with hands-on activities.

CMPTR 112—INTRO TO WINDOWS

An introduction to Windows. Students will use Windows for simple applications. Textbook required. (Pass/No Credit)

CMPTR 115—INTRO TO THE INTERNET

An introduction to the tools and strategies available to communicate, explore, and retrieve information using the resources of the Internet.

CMPTR 116—INTERNETWORKING I

The student will be introduced to and develop knowledge and skill in fundamental theory, design, planning and implementation of data communication networks working with industry standards and protocols.

CMPTR 119—INTERNETWORKING III

The student will develop knowledge and skill in fundamental theory, design, planning and implementation of data communication networks working with industry standards and protocols.

CMPTR 120—PROGRAMMING CONCEPTS

An introduction to programming concepts.

CMPTR 122—APPLICATIONS/IT PROFESSIONALS

This class is designed for CIS students to introduce them to common applications from an IT perspective. Students will use basic applications to prepare IT documentation.

CMPTR 126—INTRO TO MS PUBLISHER

A practical, hands-on approach to using Microsoft Publisher for designing and creating newsletters, stationery, flyers, brochures, and other common business documents. Text required. (Pass/No Credit)(Same as OFTEC 126)

CMPTR 127—INTRO TO MS WORD PROCESSING

Understanding PC word processing; using MS Word for simple applications. Hands-on training in IBM-compatible PC lab. Textbook required. (Pass/No Credit)

CMPTR 128—INTRO TO MS EXCEL

Understanding PC spreadsheet programs; an introduction to MS Excel. Students will use Excel for simple applications. Textbook required. (Pass/No Credit)

CMPTR 130—INTRO TO PERSONAL COMPUTERS

An introduction to personal computers for first-time users. Microcomputer terminology; PC hardware options; PC DOS operating systems. (Pass/No Credit)

CMPTR 137—INTRO TO MICROSOFT POWERPOINT

Planning, creating, and displaying Microsoft PowerPoint presentations. Introduction to presentation software. Textbook Required. (Pass/No Credit)

CMPTR 141—MS WORD BASICS

Comprehensive approach to learning the basic commands in MS Word 2002 in the Windows XP environment. Topics include: paragraph and page formatting, tables and columns, mail merge, graphics. Prepares completers to utilize Word in personal and business settings, and for the MOUS Word Core Exam. (Same as OFTEC 141) (Formerly BS-EC 135A)

CMPTR 145—INTRO TO C LANGUAGE

Writing C programs utilizing programming concepts obtained from CMPTR 120. Introducing c syntax for program control, functions, arrays, pointers, and string manipulation.

CMPTR 146—JAVA PROGRAMMING

An introduction to applications development for Windows and the Web using Java applications and applets.

CMPTR 148—DESKTOP PUBLISHING W/PAGEMAKER

A practical, hands-on approach to desktop publishing using PageMaker software. An introduction to the principles of desktop publishing to the functionality of PageMaker, from creating masterpages and templates to implementing basic design concepts to create effective publications.(Same as TEC-D148)(Formerly CMPTR138)

CMPTR 150—SURVEY/MICROCOMPUTING—PCs

An introduction to microcomputers for non-computer majors. Selecting and buying personal computers. Using word processing, spreadsheet, and database software.

CMPTR 154—INTRO TO MS ACCESS

Design and development of practical database systems using MS Access. Overview of database models and file structures. Development of practical applications using MS Access.

CMPTR 165—INTRO TO VISUAL BASIC I

An introduction to applications development for the Windows environment using Visual Basic.

CMPTR 172—PC HARDWARE BASICS

This course is designed to give the student a basic knowledge of hardware and software configurations. It includes the installation of various peripheral devices as well as basic system hardware components.

CMPTR 182—NETWORKING CONCEPTS

This course is designed to introduce LAN/WAN terminology, design, topologies protocols, various network hardware components, software, cabling and connectivity.

CMPTR 185—IT USER SUPPORT FUNDAMENTALS

Introduce students to the basics of delivering computer user support within an organization. Provide the "soft skills" and the "self-management skills" needed at the help desk while enhancing the knowledge, proficiency, and abilities necessary in the user support arena.

CMPTR 200—PROGRAMMING LABORATORY

Students meet in lab to design, develop, and test programs assigned in the programming course being taken concurrently.

CMPTR 201—NETWORKING LABORATORY

Students meet in lab to plan, develop, and test exercises and hands-on projects assigned in networking course(s) being taken concurrently.

CMPTR 215—WORLD WIDE WEB PAGE DEVELOPMNT

Learning and using HTML to develop web pages with color, images, tables, frames, forms, audio, video, and Java applet components. CGI, Perl, Java, JavaScript, and HTML editors are discussed, but not used. Several web pages are created including a personal web page. The student learns how to transfer web pages to a web server with FTP.

CMPTR 216—INTERNETWORKING IV

The student will develop knowledge and skill in fundamental theory, design, planning and implementation of data communication networks working with industry standards and protocols.

CMPTR 217—WEB DATABASES

Interface web pages to relational databases using webpage industry software tools.

CMPTR 218—WEB PAGE SCRIPTING LANGUAGES

WWW Client-and server-side programming using the scripting language and environments of VBScript, JavaScript, and Active Server Pages; students build interactive Web pages.

CMPTR 220—VISUAL BASIC II

Intermediate applications development for the Windows environment using Visual Basic programming language.

CMPTR 225—ADVANCED C LANGUAGE

Writing C programs utilizing data structure concepts, bit manipulation, and unions. Continued use of structures and functions learned in CMPTR 145.

CMPTR 237—INFORMATION SYSTEM SECURITY II

The student will develop and apply knowledge and skill in implementing and maintaining the components of organizational security.

CMPTR 237—INFORMATION SYSTEM SECURITY II

The student will develop and apply knowledge and skill in planning, designing and evaluating the structural components and procedures of organizational security.

CMPTR 245—STRUCTURED ANALYSIS AND DESIGN

Structured analysis and design theory with an introduction to "logical" data and process modeling and "physical" data and process modeling.

CMPTR 250—SQL

Understand DDL and DML—what they are and how to use them. Create, manipulate, and query system data.

CMPTR 261—OPERATING SYSTEMS/UNIX

An introduction to the Unix operating system and Unix system administration.

CMPTR 262—UNIX ADMINISTRATION

A practice-based course designed to prepare users to administer UNIX-based systems in a networked, client-server environment.

CMPTR 285—OBJECT ORIENTED PROG. WITH C++

Writing object oriented programs utilizing C++. Introduces concepts of data abstraction, data classes, and polymorphism.

CMPTR 290—MICROSOFT LAN ADMINISTRATION I

This course is designed to introduce the most current Microsoft network operating system. It will also introduce file manipulation, disaster recovery, application support, security, file structures, installations and configuration of protocols using the most current Microsoft Network Operating System.

Cooperative Education

CO-OP 111—COOPERATIVE EDUCATION SEMINAR I

Course introduces application of critical job skills to support success in Co-op Work Experience.

CO-OP 121/122—COOPERATIVE WORK EXPERIENCE

Contracted work experience coordinated with employer, faculty, and student to meet learning objectives specific to the work site and occupation/trade.

CO-OP 189A/289A—COMMUNITY VOLUNTEER SERV

Course utilizes cooperative education to enable students to experience volunteerism as a central component of life and career planning.

CO-OP 221/222—COOPERATIVE WORK EXPERIENCE

Contracted work experience coordinated with employer, faculty and student to meet specific learning objectives for second-year Co-op students.

Early Childhood Education

ECE 101—PRACTICUM I

Introductory level practical application in the working world of the basic theories and methods studied in the Early Childhood Education program.

ECE 115—INTRO TO CHILD CARE

Meets initial training requirements outlined by the Washington State Training and Registry System (STARS). Topics include an overview of best practices related to child development, child guidance, health and safety.

ECE 151/151A—PRACTICUM II

Intermediate level practical application in the working world of theories and methods studied in the Early Childhood program.

ECE 155—CHILD DEVELOPMENT

Provides an overview of typical developmental sequences and conditions impacting development and prepares ECE certificate students to provide developmentally appropriate care for children from birth through 8 years.

ECE 165—SPECIAL TOPICS/EARLY CHILD CURR.

This course focuses on current research methods and skills necessary for teachers to develop age and culturally appropriate curriculums and systematically evaluate children's learning.

ECE 166—ENVIRONMENTS FOR CHILDREN

The adults' role in designing, evaluating and improving environments to ensure a quality experience for children and to optimize learning and development. (Pass/No Credit)

ECE 170—INTRO TO EARLY CHILDHOOD EDUCATION

Introductory survey course covering early childhood education history, philosophy, theories, foundations, current issues/trends in the field, curriculum models, appropriate environments.

ECE 171—DIRECTED OBSERVATION

Techniques of observing, recording, and analyzing children's behavior with actual practice in local preschool groups.

ECE 173—ART AND CREATIVE ACTIVITIES

Children's art and the development of the young child. Developmentally appropriate methods of planning and implementing creative activities in all areas of the ECE curriculum.

ECE 176—MUSIC FOR YOUNG CHILDREN

A course for teachers and child care providers which addresses body rhythms, songs, sounds, instruments, records, and musical environments suitable for young children.

ECE 177—SCIENCE & MATH FOR YOUNG CHILDREN

Course focuses on the role of math and science in the education/development of the young child, including an overview of cognitive characteristics, appropriate materials, and activity ideas.

ECE 178—CHILDRENS LITERATURE

History of, methods/criteria for evaluation and selection, exploration of genres, authors, illustrators of literature for children ages 0-8, including use throughout the curriculum.

ECE 179—LANGUAGE & LITERACY DEVELOPMENT

The development of language and literacy; theoretical perspective, critical components, organization of environment/activities, developmentally appropriate practices for language/literacy support.

ECE 184—HEALTH, SAFETY AND NUTRITION

The course is designed for teachers and childcare providers. It covers state regulations and developmentally appropriate practices in health, safety, and nutrition for young children.

ECE 185—GUIDANCE AND LEADERSHIP

Child guidance techniques and methods of working with adults in early childhood settings. Focus on implementing a positive, child-centered, problem-solving interpersonal environment.

ECE 186—SURVEY OF CENTERS

Provides the student with opportunity to read about and visit various programs. After exposure to different philosophies, students will be expected to develop their own.

ECE 187—SPECIAL TOPICS—CDA CREDENTIAL I

This course covers basics of physical, social, emotional, and intellectual development, and observing/recording child behavior and growth necessary to obtain the Child Development Associate (CDA) Credential. Pass/No Credit

ECE 188—CHILD ABUSE AND NEGLECT

Course focuses on the current research and theory in child abuse and neglect causation and prevention with emphasis on child welfare practices in Washington State.

ECE 189—FAMILY CHILD CARE MANAGEMENT

An introduction to home child care programs including licensing, business management, parent/provider relations, health, safety, child growth and guidance, curriculum, and environment.

ECE 190—MULTICULTURAL EDUCATION

This course will provide education and training in developing multicultural/antibias curricula in early childhood programs and challenging stereotypes related to sex, ethnicity, and disabilities.

ECE 191—PROFESSIONALISM/PROGRAM MGMT

Introduces the management of early childhood programs as it relates to staff development and professionalism.

ECE 201—PRACTICUM III

Students apply cumulative knowledge to practice skills with children and professional interactions with families and staff in a developmentally appropriate early childhood setting.

ECE 225—ISSUES AND TRENDS IN ECE

Current issues and trends impacting the Early Childhood field. The history/philosophy of ECE, national/international developments, concerns facing teachers, families, children, and society today.

ECE 250—INFANT-TODDLER INTERNSHIP SEMINAR

Discuss, plan, and evaluate the fundamentals of infant/toddler caregiving. Seminar, assignments, and discussions will be based on theories and methods in early childhood education birth to age three best practices.

ECE 251—INFANT-TODDLER INTERNSHIP

Intermediate level of practical application in the working world of the theories and methods studied in the Early Childhood Education programs. Students will work in infant-toddler settings with children ages 0-3.

ECE 263—RELATIONSHIP FOCUSED CARE, BIRTH-3

Focus on infant/toddler social emotional development attachment, nurturing relationships and appropriate environments. This class will provide caregivers of young children with background knowledge that will result in optimal programming. The course will focus on developmental challenges of this age period.

ECE 280—SPECIAL EDUCATION FIELD EXPERIENCE

This course helps students to develop skills to work with children with special needs and to develop curricula that will foster positive developmental outcomes. (Same as PARED 280)

Education**EDUC 101—INTRO TO EDUCATION**

Introduction to the role of education in society and its sociological and psychological aspects; an orientation to the personal, academic, and professional requisites that contribute to success.

EDUC 199/299—PRACTICUM

A practical application in the working world of the basic theories studied in the above program or discipline.

Electronics**ELECT 101—DIRECT CURRENT**

Fundamentals of direct current from Ohm's Law through network theorems.

ELECT 106—ELECTRONIC FABRICATION

Basic skill development through hands-on practice is emphasized covering such topics as soldering techniques and circuit board assembly.

ELECT 111—DIRECT CURRENT CIRCUIT LAB

Laboratory practice and experimentation in elementary circuitry using basic electronic instrumentation.

ELECT 160—COMPUTER APPLICATIONS I

Practice in the application of typical data processing operations for solving direct current problems.

ELECT 201—SOLID-STATE DEVICES

Continuation of solid-state theory, use of approximation techniques in circuit analysis, development of parameters, evaluation of circuit potentials and applications.

ELECT 211—SOLID-STATE LAB

Evaluate with written assigned homework, classwork, and written examination.

ELECT 225—ADVANCED DIGITAL CIRCUITS

A continuation of basic digital circuits, with emphasis on counters, decoders, and registers. Course also includes an introduction to microprocessors.

ELECT 235—ADVANCED DIGITAL CIRCUITS LAB

Continuation of the basic digital circuits laboratory, with an emphasis on counters, decoders, registers, and an introduction to microcomputers.

Engineering**ENGR 100—INTRO TO ENGINEERING**

Introduction to fields and careers of engineering. How does one become an engineer? This is a required course for all engineering majors and should be taken early in the curriculum. (Pass/No Credit)

ENGR 101—ENGINEERING DRAWING

Fundamental principles of the graphics of engineering, freehand sketching (orthographic and pictorial). Techniques of lettering and line work, use of instruments to create orthographic projection drawings of normal views and primary auxiliary projections, and an introduction to the theory of dimensioning.

ENGR 102—ENGINEERING DRAWING

Expansion of the principles and techniques used to make working engineering drawings. This includes coverage of standard dimensioning practices and conventions, section cuts and conventions, and isometric pictorial drawings.

ENGR 103—DESCRIPTIVE GEOMETRY

Introduction to principles of descriptive geometry used to solve 3-dimensional problems graphically via successive auxiliary projections. Study of space relationships for points, lines, and planes that precede design. Also an introduction to development of surfaces and intersections.

ENGR 111—ENGINEERING PROBLEMS

This course introduces students to engineering problem solving techniques. The emphasis is on the use of calculators and computers. The engineering design process is presented. (Offered Fall & Winter Quarters only)

ENGR 123—GRAPHICS FOR ENGINEERS

This course is designed to involve students in the use of graphical techniques and standard practices needed to record, communicate, and analyze engineering data. Students are introduced to the graphical elements used in the design process, from design sketches through working drawings and computer-aided drafting. (Offered Fall and Winter Quarters only)

Course Descriptions

ENGR 141—SCIENTIFIC COMPUTER APPLICATIONS

This course serves as an introduction to the use of computers in science and engineering. This course is offered Fall Quarter only.

ENGR 220—MECHANICS OF MATERIALS

This course introduces the concepts of stress, deformation, and strain in solid materials. Basic relationships between loads on structural and machine elements such as rods, shafts, and beams, the stresses, deflections, and load-carrying capacity of these elements under tension, compression, torsion, bending and shear forces are developed. (This course is offered Fall Quarter only.)

English

ENGL 091—READING/WRITING IN LIFE&COLLEGE

This intro course helps students develop strategies for reading, writing, reflection, and problem solving. Assignments focus on individual and group processes for personal/academic writing.

ENGL 093—INTERMEDIATE WRITING DEVELOPMENT

An intermediate developmental course stressing grammar, punctuation, and academic English usage and the first principles of writing sentences and paragraphs. (Formerly ENGL 094)

ENGL 098—INTRO/ACADEMIC READING & WRITING

This course develops students' critical strategies for reading, writing, problem solving, and handling academic life. Reading/writing assignments focus on personal academic/career interests.

ENGL 099—READING AND WRITING IMPROVEMENT

This course develops students' critical strategies for reading, writing, problem solving, and handling academic life. Reading/writing assignments focus on academic and career topics.

ENGL 101—COMPOSITION

A college-level introduction to effective written composition for academic, vocational, and occupational students, with emphasis on exposition.

ENGL 102—COMPOSITION

A continuation of ENGL 101 with emphasis on argumentation, research, and documentation.

ENGL 104—TECHNICAL WRITING

Problem-solving strategies for professional and technical writing applications.

ENGL 140—INTRO TO LITERATURE

Study of major literary forms and methods of interpretation.

ENGL 143B—POETRY TELECOURSE

The nature and development of poetry, with an emphasis on understanding this literary form and its distinguishing features. Includes exploration of passion, spirit, and brilliance of 13 of America's greatest poets. A telecourse.

ENGL 144—DRAMA AS LITERATURE

The study of dramatic writing as a literary form.

ENGL 261—AMERICAN LITERATURE

A survey of the development of American literature from the post-Civil War period to the present.

ENGL 266—ENGLISH LITERATURE

A survey of the development of Old and Middle English Literature.

ENGL 268—ENGLISH LITERATURE

A survey of English literature from 1789 to the present.

ENGL 269—INTRO TO SHAKESPEARE

Studies in several major dramas and sonnets.

ENGL 270—CREATIVE WRITING—NARRATION

Development of biographical or autobiographical accounts. Students and instructor read and critique materials in a workshop setting.

ENGL 271—CREATIVE WRITING—FAMILY HIST/BIOG

Writing out episodes or complete works of family history or biography. Students and instructor read and critique materials in a workshop setting.

ENGL 272—CREATIVE WRITING—POETRY

Writing poems, constructing ballads and other appropriate forms, including free form or spontaneous free form subject matter. Students and instructor read and critique materials in a workshop setting.

ENGL 273—CREATIVE WRITING—DRAMA

Invention and development of dramatic material: Dialogue, action, stage location, and music. Students and instructor read and critique materials in a workshop setting.

ENGL 274—CREATIVE WRITING—SHORT STORY

The development of short fictional narratives. Students and instructor read and critique materials in a workshop setting.

ENGL 275—CREATIVE WRITING—LONG NARRATIVE

The development of long fictional narratives. Students and instructor read and critique materials in a workshop setting.

ENGL 276—CREATIVE WRITING—ADVANCED POETRY

This course is to further experience in writing poetry. Students and instructor read and critique materials in a workshop setting.

ENGL 284—SURVEY OF WORLD LIT—20TH CENTURY

This on-line course covers 20th Century literary selections from many countries. It also covers literary genre, critical methodologies, and research. (Same as HUMAN 284)

Family Service

FS 104—INTRO TO CHEMICAL DEPENDENCY

Students will develop and understanding of reasons behind substance abuse and dependence and also recognize the relationship between family dynamics and addiction.

FS 107—INTRO TO FAMILY SUPPORT

The course provides an overview of the sociological concepts related to family support. Introduces principles and practices in family support and its potential for restructuring human services. (Formerly FSS 101) (Same as SOCIO 107)

FS 140—FAMILIES WITH EXCEPTIONAL CHILDREN

Support parents, teachers, and social workers in identifying children with disabilities or learning disorders and help them understand the collaborative role of the family in intervention. (Formerly FSS 140) (Same as PARED 140)

FS 275—FAMILY SERVICES FIELD EXPERIENCE

Field experience offers opportunities for students to demonstrate competency in work settings: schools and human service agencies.

Fire Service-Fire Command Admin.

F-FC 190—FIRE INSPECTION AND CODES

A study of the Uniform Fire Code as it applies to fire prevention inspections at the fire company level. Includes the fire codes' relationship to the Uniform Building Code and other recognized standards.

F-FC 232—FIRE SERVICE MANAGEMENT

Management theory and practice in relation to roles and responsibilities of shift commanders and staff officers. Topics include evolution of management, decision-making, planning, organizing, leading, and controlling.

Fire Service-Fire Officer Degree

F-FOD 103—FIRE OFFICER I-PART II

In addition to being responsible for suppression operations on the fireground, the fire officer also plays a key role in the fire cause determination process, evidence preservation, and fire scene security. This lesson focuses on defining these activities and presenting a clear understanding of the responsibility facing the fire officer in relation to initiating investigative procedures at the fire scene. An arson investigator with good investigative credentials would be appropriate to teach this lesson.

F-FOD 131—FIRE SERVICE INSTRUCTOR I

This lesson addresses the various roles and essential characteristics of an effective instructor. Lesson content includes the components of communications and ways to communicate effectively; challenges commonly faced by instructors; resources and professional development opportunities; and the importance of instruction to a fire service organization.

F-FOD 201—FIRE OFFICER II PART I

F-FOD 210—FIRE SERVICE LEADERSHIP

Roles and responsibilities of shift commanders and staff officers. Topic includes goal setting, delegating, counseling, coaching, problem solving, decision making, communications and labor relations.

Fire Service-Fire Science

F-FS 100—INTRO/FIRE DEPARTMENT ORGANIZATION

An introduction to the mission and standards in the fire department organization. Content addresses firefighter's role and responsibilities related to a fire department.

F-FS 110—FIRE DEPARTMENT PUMPERS

This course introduces basic fire department pumper operations. Course content will address the introduction of hydraulics, basic pump theory, components, systems and basic pump operating skills.

F-FS 111—FUNDAMENTALS OF FIRE FIGHTING

This course is an introduction to fundamental skills of structural fire fighting. Course content is based on the Washington State Firefighter 1, Module I. This course is given through the Kitsap County Volunteer Recruit Academy.

F-FS 112—FUNDAMENTALS/EMERGENCY MEDICINE

Course content is based on satisfying the minimum medical training requirements established for firefighters who provide emergency medical care to the sick and injured.

Food Service

FDSRV 101—DINING ROOM SERVICE I

Introduction to dining room service, table setups, food identification, customer relations, industry history, interrelationships, and safe food handling.

FDSRV 102—DINING ROOM SERVICE II

Expanded introduction to dining room service. Explore safe food handling. Learn proper sanitation techniques, cleaning, and chemical usage.

FDSRV 103—FOOD PREPARATION AND SERVICE I

An introduction to commercial cooking with emphasis on basic techniques and sanitation.

FDSRV 104—FOOD PREPARATION AND SERVICE II

Working and equipment uses in the commercial kitchen.

FDSRV 105—FOOD PREPARATION AND SERVICE III
Spice and herb identification and usage; use of specialized tools.

FDSRV 106—FOOD PREPARATION AND SERVICE IV
The preparation of varied entrées and side dishes for the restaurant business.

FDSRV 122—DINING ROOM SERVICE III
Service for fine dining, tableside food preparation, how to calculate food costs, and how to identify hospitality organizations. An introduction to nutrition.

FDSRV 123—DINING ROOM SERVICE IV
Students examine career paths, develop menus and pricing strategies, evaluate nutrition implications in new developments, and identify safety issues.

FDSRV 124—FOOD PREPARATION AND SERVICE V
Creation of a complete menu from breakfast through dinner items.

FDSRV 125—FOOD PREPARATION AND SERVICE VI
Menu building from concept to finished product.

FDSRV 126—COOKING FOR FINE DINING I
Cooking for fine dining: A la carte, sauté, broil, and preparations to order.

FDSRV 127—COOKING FOR FINE DINING II
Creative menus; buffets and specialty dishes for fine dining; and determining entrée costs.

FDSRV 132—DINING ROOM SUPERVISION I
Supervision in dining room and banquet service; menu planning and layout; special event planning; and staff supervision.

FDSRV 133—DINING ROOM SUPERVISION II
Financial statements; suggestive selling; interviewing and staff training; menu structure.

FDSRV 134—ADVANCED PANTRY/GARDE MANGER I
The making of cold salads, platters, and cold meat items.

FDSRV 135—ADVANCED PANTRY/GARDE MANGER II
Pate and gelatins, buffet pieces, and vegetable carving.

FDSRV 136—RESTAURANT BAKING I
Basic baking for restaurants: Breads, rolls, cakes, and various desserts.

FDSRV 137—RESTAURANT BAKING II
Advanced baking: Creamed and iced desserts; pastry and decoration; and chocolate work.

FDSRV 147—DINING ROOM MANAGEMENT I
Learn management of the formal dining room with responsibility for all food functions, liquor laws, and supervisory responsibilities.

FDSRV 148—DINING ROOM MANAGEMENT II
Menu development, bar operation theory, and etiquette in fine dining.

FDSRV 149—KITCHEN MANAGEMENT I
Basic kitchen management and the role of the Sous Chef.

FDSRV 150—KITCHEN MANAGEMENT II
Menu planning, ordering, supervision, and production.

FDSRV 151—INTRO/RESTAURANT MANAGEMENT I
Effective communication and leadership styles; interviewing skills; employee training; scheduling; employee evaluations; and one-minute management.

FDSRV 152—INTRO/RESTAURANT MANAGEMENT II
Job descriptions and employee retention and motivation techniques. One-minute management revisited.

Foreign Lang.-American Sign Lang.

FLASL 145—AMERICAN SIGN LANGUAGE I
An introductory course focusing on expressive and receptive signing in the context of everyday situations. In addition to basic vocabulary and grammar, the culture and history of the deaf and culturally appropriate behaviors are introduced. (Same as SPCH 145)

FLASL 146—AMERICAN SIGN LANGUAGE II
Continued study of ASL focused on expanding vocabulary and grammar to intermediate level with an emphasis on expressive and receptive skills. Further discussion of the deaf culture is also included. (Same as SPCH 146)

FLASL 147—AMERICAN SIGN LANGUAGE III
Continued study of ASL focused on expanding vocabulary and grammar with an emphasis on expressive and receptive skills. Further discussion of deaf culture. (Same as SPCH 147)

FLASL 148—AMERICAN SIGN LANGUAGE IV
The focus of this course is to develop ASL fluency with the emphasis on expressive skills. The course includes intensive vocabulary building, ASL idioms, slang and grammar. (Same as SPCH 148)

Foreign Languages-French

FLFRN 101—ELEMENTARY FRENCH
Deals with principles of pronunciation and with elementary vocabulary and grammar structures for immediate basic communication. Explores geographical and cultural aspects of French-speaking countries.

Foreign Languages-German

FLGRM 101—ELEMENTARY GERMAN
Course builds confidence in basic skills of oral and written communication and investigates German culture and its relationship to the language. Materials reflecting contemporary German life are used.

Foreign Languages-Japanese

FLJPN 101—JAPANESE I
Essentials of good listening and speaking of Japanese and writing and reading of phonic script, "katakana".

Foreign Languages-Spanish

FLSPN 101—ELEMENTARY SPANISH
Deals with principles of pronunciation, and with elementary vocabulary and grammar structures for immediate basic communication. Explores geographical and cultural aspects of Spanish-speaking countries.

FLSPN 102—ELEMENTARY SPANISH
Deals with practical vocabulary and broader grammar patterns for communication in a daily, urban context. Explores geographical and cultural aspects of Spanish speaking countries.

FLSPN 103—ELEMENTARY SPANISH
Deals with upper basic vocabulary and grammar structures for conversational purposes and level. Explores linguistic, geographical, and cultural aspects and differences of the Spanish-speaking countries and peoples.

General Studies

GEN-S 100—STRATEGIES FOR ACADEMIC SUCCESS
This course is designed for first year and returning students to enhance academic success and retention in college.

GEN-S 110—RESEARCH IN THE INFORMATION AGE
This course is an introduction to academic research skills and is designed for students from all programs. Emphasis on proficiency at using various electronic databases, including those available on the library's information networks, the online catalog and the World Wide Web as well as other standard research tools and retrieval techniques. The principles and skills learned can be applied throughout college, as well as for lifelong learning.

Geography

GEOG 101—INTRO TO GEOGRAPHY
Survey of Geography including cartography, resource use, world population, agriculture, and urban patterns. Special emphasis is placed on the impact of humans on the global environment.

Geology

GEOG 101—PHYSICAL GEOLOGY
An introduction to earth's materials, processes, and landscapes and how they were formed; labs parallel lecture content. Optional field trips.

GEOG 102—ENVIRONMENTAL GEOLOGY
Geologic resources and processes important to human welfare: Volcanoes, earthquakes, slope stability, rivers and flood management, groundwater, soils, minerals, and energy resources.

GEOG 108—GEOLOGY OF THE PACIFIC NORTHWEST
Understanding the geologic origins of the rocks and landscapes in Washington and neighboring parts of the Pacific Northwest. Optional field trips.

Health Occupations

H-OCC 100—NURSING ASSISTANT
This course will prepare students for employment as Nursing Assistant Certified (NAC). The student must complete the course with a minimum grade point of 75%.

History

HIST 101—WESTERN CIVILIZATION TO 1300 AD
Introductory course in the development of Western Civilization from its earliest beginnings to 1300 AD. Examines the major political, economic, religious, and social trends.

HIST 102—WESTERN CIVILIZATION—1300 TO 1815
Introductory course in the development of Western Civilization from 1300 to 1815 AD, analyzing the major political, religious, economic, and social trends.

HIST 104—THE UNITED STATES TO 1865
Survey of the political, social, economic, and intellectual forces involved in the foundation and development of the United States from pre-Columbian America through the Civil War.

HIST 105—THE UNITED STATES SINCE 1865
Survey of the political, social, economic, and intellectual forces involved in the development of the United States from Reconstruction to the present.

HIST 150—WAR
A comprehensive description of war from the social sciences and humanities: Historical, political, economic, psycho-social aspects and topics from philosophy, literature, and film are used. (Same as HUMAN150/POL-S150)

HIST 215—HISTORY OF AMERICAN CULTURE
Interdisciplinary survey of American cultural development from the Colonial Period through the Civil War, analyzing the impact of ideas and experience on the arts, peoples, and institutions of the culture. (Same as HUMAN 215)

HIST 230—FILMS IN AMERICAN CULTURE

The history and culture of America as seen in 20th Century American film. (Same as HUMAN 230)

Humanities

HUMAN 150—WAR

A comprehensive description of war from the social sciences and humanities: Historical, political, economic, psycho-social aspects and topics from philosophy, literature, and film are used. (Same as HIST 150/POL-S 150)

HUMAN 175—POLITICS AND LITERATURE

An examination of the central issues and concepts of politics through the perspective provided by great literature. Included will be the questions of authority, responsibility, freedom, and power. (Same as POL-S 175)

HUMAN 204—INTRO TO EASTERN RELIGIONS

A study of the major religions of Asia, emphasizing India, China, and Japan.

HUMAN 215—HISTORY OF AMERICAN CULTURE

Interdisciplinary survey of American cultural development from the Colonial Period through the Civil War, analyzing the impact of ideas and experience on the arts, peoples, and institutions of the culture. (Same as HIST 215)

HUMAN 220—WOMEN IN AMERICAN CULTURE

A survey of the role and status of American women from Colonial Times to the present, with emphasis on the arts. (Same as SOCIO 220)

HUMAN 230—FILMS IN AMERICAN CULTURE

The history and culture of America as seen in 20th Century American film. (Same as HIST 230)

HUMAN 250—MAJOR FILM DIRECTORS AND WORKS

A study in-depth of one film director's style, or selected major works by different directors. This is a writing course.

HUMAN 284—SURVEY/WORLD LIT—20TH CENTURY

This on-line course covers 20th Century literary selections from many countries. It also covers literary genre, critical methodologies, and research. (Same as ENGL 284)

HUMAN 290—MASS MEDIA IN AMERICAN SOCIETY

Explores the principles of mass communications and its interrelationships in our culture, paying particular attention to media's role in our rapidly evolving technological world. (Same as JOURN 290)

Integrated Multimedia

IMM 101—INTRO TO INTEGRATED MULTIMEDIA

Students explore computer software and platforms while also learning the skills and possibilities of communication offered with the use of multimedia; a tool that can be used by everyone. (Same as ART 112)

IMM 102—PROCESS OF INTEGRATED MULTIMEDIA

Using computers and current software used in business, students will plan and execute multimedia projects utilizing a process common to all fields of study. (Formerly ART 212)

IMM 120—BEGINNING PHOTOSHOP

Students learn the various aspects of Photoshop, an Image Manipulation software tool for creative and technical use.

IMM 130—BEGINNING FLASH

Students learn the various foundation aspects of Flash, a powerful animation tool for the Web software, for creative and technical use.

IMM 181—ANIMATION DESIGN

Students study animation history, character design and movement elements, production planning, 3D-model making, character sheets, background design, and writing for animation. (Same as ART 130)

IMM 184—PRINCIPLES OF PHOTOGRAPHY

Choice and use of equipment, camera body, lenses and filters, light meters, film types, B/W film processing and printing, composition and techniques of photography. (Same as ART 134)

IMM 220—INTERMEDIATE PHOTOSHOP

Students learn the intermediate aspects of Photoshop, an image manipulation software tool for creative and technical use.

Journalism

JOURN 100—REPORTING AND NEWS WRITING

Introductory course in interview techniques, summary and special leads, inverted pyramid and feature stories, media law and ethics. Students will submit work to The Olympian for publication consideration.

JOURN 101/102/103/201/202/203—

COLLEGE NEWSPAPER WRITING & REPORTING: Practical application in advanced reporting and writing for The Olympian, the student newspaper, including news and feature writing.

JOURN 110/120/130/210/220/230—

COLLEGE NEWSPAPER DESIGN & EDITING: Hands-on course for students who want to help publish a college newspaper that is professional in its appearance, readability, accuracy, fairness, and objectivity.

JOURN 290—MASS MEDIA IN AMERICAN SOCIETY

Explores the principles of mass communications and its interrelationships in our culture, paying particular attention to media's role in our rapidly evolving technological world. (Same as HUMAN 290)

Mathematics

MATH 089—COMPUTATIONAL SKILLS

Fundamentals of arithmetic computation with whole numbers and fractions; word problems involving direct application of above topics. (Pass/No Credit)

MATH 090/090W—COLLEGE ARITHMETIC

College Arithmetic includes operations using fractions; decimals and signed numbers; ratio and proportion; percent; geometry; measurement; and charts and tables.

MATH 094/094W—ELEMENTARY ALGEBRA

First quarter of the sequence of Elementary Algebra, Intermediate Algebra, and College Algebra. Basic algebraic concepts, first degree equations, polynomials, whole number and rational exponents, roots and radicals, word problems.

MATH 099—INTERMEDIATE ALGEBRA

Second course in the sequence of Elementary Algebra, Intermediate Algebra, and College Algebra. Includes systems of equations, factoring, rational expressions, quadratic equations, logarithmic and exponential functions, and graphs of conic sections. A scientific calculator is required.

MATH 099A—INTERMEDIATE ALGEBRA

First part of MATH 099 = MATH 099A. Includes factoring, rational expressions, and systems of equations. A scientific calculator is required. (MATH 099A and MATH 099B are each 5-credit classes.)

MATH 107—COLLEGE MATH/LIBERAL ARTS STUDENTS Consumer mathematics: Loans, mortgages, interest; logarithms and exponential functions with applications; introductory probability and statistics; use and interpretation of statistics; mathematics in contemporary culture.

MATH 119—COLLEGE ALGEBRA

Using numeric, analytic, and graphical methods, linear, polynomial, rational, exponential, and logarithmic functions are studied. Matrices and determinants are included. A graphing calculator is required. (TI 85 is preferred and demonstrated.) (Formerly MATH 105)

MATH 120—PRECALCULUS WITH TRIGONOMETRY

Using numeric, analytic, and graphical methods, trigonometric functions, and polar and parametric equations are studied. Various topics from discrete mathematics are included. A graphing calculator is required. (TI-85 is preferred and demonstrated.) (Formerly MATH 106)

MATH 124—CALCULUS AND ANALYTIC GEOMETRY

Functions, limits, and continuity; the derivative, definition, rules, and applications; implicit differentiation; the definite integral; optimization.

MATH 125—CALCULUS AND ANALYTIC GEOMETRY

Review of definite integrals, techniques of integration, numerical approximation, applications of integration, differential equations: Separable, growth and decay applications.

MATH 126—CALCULUS AND ANALYTIC GEOMETRY

Series, functions of two variables and their graphs, contour diagrams, vector algebra, dot and cross products, multivariable functions, partial differentiation, gradients, and directional derivatives in the plane and space, optimization, local and global extrema.

MATH 156—ALGEBRA FOR BUSINESS/ECONOMICS

First in a two-quarter sequence of algebra and calculus focusing on applications in business and economics; functions, including exponential and logarithmic and their graphs; financial formulas, systems of equations, linear programming. Requires use of a graphing calculator.

MATH 250—LINEAR ALGEBRA

Systems of linear equations, vector spaces and subspaces, inner product spaces, orthogonality, least squares, determinants, eigenvalues, eigenvectors, linear transformations, and applications including systems of 1st order linear differential equations and linear operators on the plane.

MATH 281—INTRODUCTORY STATISTICS

Applications of statistics in the context of various fields; descriptive statistics, linear correlation and regression, probability, sampling, the Normal Distribution, confidence intervals, hypothesis testing.

Medical Office Assistant

MOA 110—ANATOMY & PHYSIOLOGY

Principles of human anatomy and physiology as related to Medical Assisting.

MOA 112—MEDICAL LAW, ETHICS AND BIOETHICS

Medical law, ethics and bioethics as related to the ambulatory health care setting, including legal terminology, professional liability.

MOA 129—MEDICAL TYPING I

A keyboarding course specifically for the medical setting with a prerequisite typing speed of 30 wpm with five or fewer errors. The course includes improvement of keyboarding skills, word processing skills, and medical report formatting using appropriate grammar and punctuation.

MOA 140—MEDICAL RECEPTIONIST SKILLS

Contains oral, written and telephone skills development appropriate to a medical receptionist setting.

MOA 151—MOA PROFESSIONAL PREPARATION I

This course includes discussion of the personal characteristics of a successful medical assistant, the setting in which medical assistants work, and the skills and responsibilities associated with this profession.

MOA 160—MEDICAL TERMINOLOGY I

The roots, suffixes, prefixes, and combining forms used in basic medical terminology. Medical abbreviations are introduced.

MOA 161—MEDICAL TERMINOLOGY II

Continuation of MOA 160.

MOA 180—AIDS/HIV/BLOOD BORNE PATHOGENS

Meet WA state requirement for professional license in health occupations; fulfills AIDS Omnibus Bill 1988 components for seven-hour education on AIDS and OSHA Blood Borne Pathogens.

MOA 205—ADVANCED MEDICAL CODING

Advanced CPT and ICD-10-CM coding for maximum reimbursement for physicians offices and clinics.

MOA 209—MEDICAL OFFICE EMERGENCIES

A course in Basic First Aid/CPR skills, enabling medical assistants to respond within the scope of their training to emergencies in the outpatient setting. OSHA requirements for Blood Borne Pathogen training and standards for Universal Precautions are also covered.

MOA 210—EXTERNSHIP FOR MEDICAL ASSISTANTS

For this course, students are placed in approved medical facilities for a supervised, unpaid office experience as a final preparation for working as a medical assistant.

MOA 211—HUMAN RELATIONS/MOA

This course involves the discussion, problem-solving and evaluation of the clinical and administrative experiences gained in MOA 210 Externship.

Meteorology**MTEOR 101—WEATHER AND ATMOSPHERE**

Study of atmospheric components, processes, and weather phenomena. Attention given to measurement instruments, maps, and satellite images, including those on the Internet. Lab included.

Music**MUSIC 101—FUNDAMENTALS OF MUSIC**

Basic elements of music: Sight reading, study of chords, introduction to piano, pitch recognition, and development of music through computer use. Open to all students.

MUSIC 102—MUSIC APPRECIATION

Introduction to music in Western culture from the listener's point of perception. Recommended for students who wish to fulfill Humanities requirements in the area of music. Open to all students.

MUSIC 103/203—CONCERT CHOIR

Study and performance of representative choral works of all musical style periods.

MUSIC 106/206—VOCAL JAZZ ENSEMBLE I JAZZLINE)

Study and performance of representative materials in the vocal jazz idiom.

MUSIC 109/209—JAZZ BAND I

Rehearsal, study, and performance of jazz from the "big band" era through modern fusion.

MUSIC 112/212—JAZZ BAND II

Rehearsal, study, and performance of jazz from the "big band" era through modern fusion.

MUSIC 123/223—OLYMPIC COLLEGE CHORALE

Study and performance of representative choral works of all musical style periods.

MUSIC 126/226—VOCAL JAZZ ENSEMBLE II

Study and performance of representative materials in the vocal jazz idiom.

MUSIC 133/233—CLASS PIANO/BEG. & INTERMED.

Group and individualized instruction in keyboard techniques. Music theory and finger techniques taught and applied through piano performance.

MUSIC 136/236—CLASS GUITAR

Group instruction in guitar techniques. Music theory and elementary repertoire from various playing styles will be utilized. Student provides own instrument.

MUSIC 144/244—WIND ENSEMBLE

Rehearsal and performance of chamber/wind literature from classical through contemporary mediums. Open to all students and community members, based on ability.

MUSIC 147A/247A—ELECTRIC BASS

Individual instruction for electric bass.

MUSIC 147B/149B/247B—PIANO

Individual instruction for piano.

MUSIC 147C/247C—VOICE

Individual instruction for voice.

MUSIC 147E/247E—SAXOPHONE/CLARINET

Individual instruction for saxophone/clarinet.

MUSIC 147F/247F—BRASS INSTRUMENTS

Individual instruction for brass instruments.

MUSIC 147G/247G—PERCUSSION INSTRUMENTS

Individual instruction for percussion instruments.

MUSIC 147H/247H—CLASSICAL GUITAR

Private instruction in basic musicianship as it applies to classical guitar and its role in contemporary music.

MUSIC 147I/247I—GUITAR

Individual instruction for guitar.

MUSIC 147J/247J—CLARINET/LOW WOODWINDS

Individual instruction for clarinet/low woodwinds.

MUSIC 147K/247K—LOW BRASS

Individual instruction for low brass.

MUSIC 147M/247M—FLUTE

Individual instruction for flute.

MUSIC 147P/247P—JAZZ PIANO

Individual instruction for jazz piano.

MUSIC 147Q/247Q—COMPOSITION/ARRANGING

Individual instruction in composition/arranging.

MUSIC 157—RECORDING TECHNIQUES I

The fundamentals of the sound recording process.

MUSIC 180—MUSICIANSHIP I

Extensive study of the basic elements of music and performance, chord structure, scales, harmonic analysis, rhythm/meter, and aural skills will be studied.

MUSIC 188—INTRO TO WORLD MUSIC

A course exploring traditional and urban ethnic music of selected cultures of the world.

MUSIC 280—MUSICIANSHIP IV

Discovery of style in the late Renaissance, the common practice period, and after the common practice period through analysis, composition, and performance.

Nursing**NURSE 110—PROFESSIONAL ROLE DEVELOPMENT I**

The course is designed to introduce the student to the professional concepts of nursing including the history of nursing, role of the student nurse, legal issues, critical thinking and learning styles.

NURSE 114—NURSING COMMUNICATIONS

This course is designed to introduce the student to the Nurse/Client relationship, principles of communication and interviewing, assertiveness, and stress and adaptation.

NURSE 140—CLINICAL APPLICATIONS LAB I

Nurse 140 is the first in a series of 3 courses where students learn and demonstrate direct nursing care skills and documentation within a faculty-facilitated laboratory environment.

NURSE 144—PHYSICAL ASSESS. IN NURSING LAB

The course provides the foundation for performance of physical assessments, the basis of nursing decisions and actions. Assessment principles and their role in nursing process are stressed.

NURSE 146—NURSING CARE OF THE OLDER ADULT

This course will introduce students to the growth, development, and physiological changes of the older adult. The concept of ageism and theory regarding dementia will be introduced.

NURSE 151—DOSAGE CALCULATIONS

Course teaches mathematical computations used for medication administration and intravenous therapy in clinical practice. Minimum grade of 3.7 required in this course for Nursing Program continuation.

NURSE 152—INTRO TO PHARMACOLOGY

This course is designed to teach students the basics of clinical pharmacology.

NURSE 154—NURSING FOUNDATIONS

Nursing Foundations introduces 1st year, 1st quarter Nursing students to the conceptual underpinnings needed to develop a beginning nursing practice framework. The course focuses on well clients and the nurse empowering the client to maximize their health potential within their environment.

NURSE 156—CLINICAL NURSING PRACTICE I

Student will begin development of the professional role of nursing. Emphasis is placed on assessment analysis and simple problem solving. Helping relationships with families, older adults, and peers will be demonstrated.

NURSE 172—MENTAL HEALTH THEORY

This course will present the nurse's role in assessing and intervening with clients who, as a result of a mental illness, have alterations in mood, personal identity, and coping.

NURSE 174—MENTAL HEALTH CLINICAL

Students will apply the nursing process, crisis intervention, and therapeutic communication techniques in caring for clients with alterations in mental health.

NURSE 176—NURSING CARE OF PEDIATRIC CLIENTS

Prepares students to care for pediatric clients, focusing on promotion and maintenance of family health, related to the physical, psychosocial, and emotional development of children.

NURSE 177—PEDIATRIC CLINICAL

This course allows students to provide direct care of pediatric clients and families, applying theoretical concepts learned in NURSE 176, in a variety of clinical settings.

NURSE 178—MATERNAL-NEWBORN NURSING

Designed as introduction of the professional nurse's role during the perinatal period includes clients who are experiencing complications and women's health issues.

NURSE 179—MATERNAL-NEWBORN CLINICAL

Application of theoretical content to care of perinatal and gynecology clients. Utilization of nursing process and critical thinking in the clinical setting.

NURSE 180—MEDICAL SURGICAL NURSING I

Prepares students to care for adult, medical-surgical clients in acute and outpatient clinical settings. This course builds on the foundation students learned in NURSE 154 and NURSE 158.

NURSE 181—MEDICAL-SURGICAL CLINICAL

Provides students with opportunities to apply theoretical concepts learned in NURSE 180 and to utilize the nursing process primarily with adult clients in an acute care setting.

NURSE 202—CLINICAL APPLICATIONS LAB III

The course prepares students to perform certain nursing care procedures and to manage clients with various types of therapies involving equipment. A nursing process framework is utilized.

Office Technology

OFTEC 101—ONE-HANDED KEYBOARD

Students will learn and develop skill in alphanumeric keyboarding and 20-key data entry using a one-handed keyboard.

OFTEC 102—SCREEN MAGNIFICATION

Students will acquire the skills and knowledge to access and manipulate text using screen magnification.

OFTEC 103—BRAILLE TRANSLATION AND PRINTING

Comprehensive introduction to translating an ink-print document into Braille using a Braille translation program and printing in Braille.

OFTEC 104—VOICE OUTPUT LEVEL 1

An introduction to the basics of voice-output software using JAWS for Windows. Provides instruction on using basic keyboard commands that allow students to access and hear text voiced on the computer screen.

OFTEC 105—VOICE OUTPUT LEVEL 2

Students will build on the knowledge learned in OFTEC 104. Course provides instruction on producing, reading, and manipulating a word processing document using PC cursor commands to access menu bars and icons.

OFTEC 106—VOICE OUTPUT LEVEL 3

Students will build on the knowledge learned in OFTEC 105. Provides instruction on the use of voice output to access and read graphic based, mouse driven environments, such as Windows desktop and web pages.

OFTEC 107—VOICE RECOGNITION LEVEL 1

Introduction to the fundamentals of voice-activated software using DragonDictate. Provides instruction on using basic voice-activated input commands, including how to build voice files, dictate a simple written document, and correct errors.

OFTEC 108—VOICE RECOGNITION LEVEL 2

Builds on the fundamentals of voice recognition learned in OFTEC 107. Provides instruction on using intermediate voice-activated input commands, focusing on how to format and manipulate a document.

OFTEC 109—VOICE RECOGNITION LEVEL 3

Students will build on the knowledge learned in OFTEC 108. Course provides instruction on using advanced voice commands to imitate a mouse driven environment related to Windows and the internet.

OFTEC 110—BEGINNING KEYBOARDING

Learn and develop skill in alphanumeric keyboarding, 10-key data entry, basic computer functions, and basic document formatting.

OFTEC 111—SPEED AND ACCURACY KEYBOARDING

The objectives of the course are to improve both speed and accuracy of alphabetical and numerical keyboarding skills using the touch system and to provide training in keyboarding test techniques. (Formerly BS-EC 111)

OFTEC 112—INTRO TO WORD PROCESSING

Develop industry-standard formatting and production skills with MS Word software by keying letters, memos, reports, tables, agendas, minutes of meetings, itineraries, financial statements, etc. Includes mail merge, use of graphics, editing/proofreading, and keyboarding skill development. (Formerly BS-EC 112)

OFTEC 115—SPEED AND ACCURACY KEYBOARDING

The objectives of the course are to improve both speed and accuracy of alphabetical and numerical keyboarding skills using the touch system and to provide training in keyboarding test techniques. (Formerly BS-EC 111A)

OFTEC 121—PRACTICAL ACCOUNTING

Modern record keeping and accounting theory, with adaptations of these fundamentals to small business and professional situations. (Formerly BS-EC 121)

OFTEC 124—ELECTRONIC PRINTING CALCULATORS

Control and operation of electronic printing and display calculators. Emphasis on attaining minimum office proficiency. (Formerly BS-EC 124)

OFTEC 126—INTRO TO MS PUBLISHER

A practical, hands-on approach to using Microsoft Publisher for designing and creating newsletters, stationery, flyers, brochures, and other common business documents. Text required. (Pass/No Credit) (Same as CMPTR 126)

OFTEC 130—ACCOUNTING SIM/SERV BUSINESS

Simulated accounting application involving the accounting cycle for a service business. (Formerly BS-EC 130)

OFTEC 131—ACCOUNTING SIM/MERCH BUSINESS

Simulated accounting application involving the accounting cycle for a merchandising business. (Formerly BS-EC131)

OFTEC 132—ACCOUNTING SIM/CORPORATION

Simulated accounting application involving the accounting cycle for a corporation. (Formerly BS-EC 132)

OFTEC 134—COMPUTERIZED ACCOUNTING

A hands-on, realistic approach to computerized, integrated accounting for students who have had a beginning course in bookkeeping or accounting. (Formerly BS-EC 134)

OFTEC 140—BUSINESS & PERSONAL MATHEMATICS

A course designed to develop the mathematical knowledge needed by college students to meet the demands of modern business. Emphasis is placed on developing the ability to solve practical business problems quickly and accurately. (Formerly BS-EC 140)

OFTEC 141—MS WORD BASICS

Comprehensive approach to learning the basic commands in MS Word 2002 in the Windows XP environment. Topics include: paragraph and page formatting, tables and columns, mail merge, graphics. Prepares completers to utilize Word in personal and business settings, and for the MOUS Word Core Exam. (Same as CMPTR 141) (Formerly BS-EC 135A)

OFTEC 152—MS EXCEL BASICS

Comprehensive approach to learning the basic commands in MS Excel 2002 in the Windows XP environment. Topics include: simple formulas, logical functions, building charts. Prepares completers to utilize Excel in personal and business settings, or meet entrance requirements for the UW Business School, or prepare for the MOUS Excel Core exam. (Formerly BS-EC 137A)

OFTEC 156—BUSINESS ENGLISH

A business-centered approach to improving writing skills by reviewing grammar, language usage, structure, English mechanics, editing, proofreading, and spelling. (Formerly BS-EC 156)

OFTEC 162—GENERAL OFFICE PROCEDURES

Office procedures including introduction to the office environment, receptionist duties, equipment and supply control, banking services, payroll procedures, mail responsibilities, and resume/job hunting techniques.

OFTEC 170—RECORDS & DATABASE MANAGEMENT

A study of the principles and practices of records storage and retrieval using manual and automated database systems; includes ARMA rules and introduction to Access 2000. (Formerly BS-EC 174)

OFTEC 175—LEGAL TERMINOLOGY

A study of legal terminology including definitions, spelling, and correct usage in legal communications and case law. (Formerly BS-EC 274)

OFTEC 180—INTEGRATION/SOFTWARE APPLIC.

Complete projects using several computer application platforms and the world wide web to reinforce understanding of and proficiency in using and integrating between word processing, spreadsheet, database, and presentation software applications. This course will accommodate several audiences, including, but not limited to, students needing elective credit and wanting to strengthen their computer application skills beyond core expectations to the potential student currently employed and seeking to enhance their professional growth in computer applications.

OFTEC 214—ADVANCED OFFICE APPLICATIONS

Integration of all software skills including database, spreadsheet, word processing, desktop publishing, and electronic presentation. Machine transcription skills will be introduced. Emphasis is on critical thinking, problem solving, collaboration, and independent thinking. (Formerly BS-EC 114)

OFTEC 226—BUSINESS TAXATION

Study of federal income taxation and Washington State business taxation and its application to individuals and business entities. (Formerly BS-EC 290)

OFTEC 256—BUSINESS CORRESPONDENCE

Effective composition for business of letters, memos, and reports. Includes writing style, tone, grammar, punctuation, and vocabulary. Recommended for all business administration and office technology students. (Formerly BS-EC 256)

Parent Education

PARED 015/017—PARENT/CHILD COOPERATIVES

Provides opportunity for parents to learn about child development from infancy to nine years in a school setting. Classes with instructor provide discussion on appropriate child-rearing practices. (Pass/No Credit)

PARED 117—PARENT/CHILD COOPERATIVE

Parents learn about the development of their young children. Classes with the instructor provide information regarding parenting strategies and techniques. May be taken instead of PARED 017 for college credit. Additional assignments are required.

PARED 122—PARENT-CHILD RELATIONSHIP

The students learn to apply basic human behavioral concepts to adult/child relationships. They learn effective skills to deal with problems encountered, with particular emphasis on parent/child relationships. (Same As PSYCH 122)

PARED 140—FAMILIES WITH EXCEPTIONAL CHILDREN

Support parents, teachers, and social workers in identifying children with disabilities or learning disorders and help them understand the collaborative role of the family in intervention. (Same as FS 140)

PARED 151—BLENDED FAMILY

Students focus on the increasing prevalence of the blended family: The family composed of parents and children from previous families. Strengths, challenges and opportunities are identified. (Same as SOCIO 151)

PARED 280—SPECIAL EDUCATION FIELD EXPER.

This course helps students to develop skills to work with children with special needs and to develop curricula that will foster positive developmental outcomes. (Same as ECE 280)

Philosophy**PHILO 101—INTRO TO PHILOSOPHY**

Introduction to philosophical questions that deal with rational inquiry in the various areas of philosophical study: metaphysics, epistemology, ethics, religion, and other areas.

PHILO 120—INTRO TO LOGIC

Introduction to symbolic logic, emphasizing the relationship of Logic to language, and the analysis and evaluation of arguments.

Physical Education-Education**PE-ED 104—HEALTH SCIENCE**

Survey course of health issues: Emotional and physical health topics, drug abuse, lifestyle diseases, sexuality issues, consumerism, environmental/occupational health, and death and dying.

PE-ED 105—COLLEGE FIRST AID & COMMUNITY CPR

Study of prevention of heart disease and practical skills leading to First Aid & CPR certifications. Students engage in writing and oral presentation projects.

PE-ED 109—BASIC CPR

Course is Basic Adult CPR using American Red Cross (ARC) Standards. (Pass/No Credit)

PE-ED 110—BASIC FIRST AID

Course in Basic First Aid using American Red Cross (ARC) Standards. (Pass/No Credit)

Physical Education-Fitness & Sports**PEFSP 106/206—GOLF**

Course emphasizes the fundamental skills of golf, proper equipment usage, etiquette, and rules necessary to play golf as a recreational sport.

PEFSP 109/209—SELF DEFENSE

Course emphasizes the fundamental skills necessary to defend yourself and/or others in the event you are confronted by an attacker/assailant.

PEFSP 110/210—KARATE

Course emphasizes the fundamental skills of karate and develops an understanding of karate as an art form.

PEFSP 113/213—TENNIS

Course emphasizes the fundamental skills of tennis, scoring, game strategies, and rules necessary to play tennis as a recreational sport.

PEFSP 128/228—BASKETBALL

Course emphasizes the fundamental skills of basketball, team strategies of offense and defense and rules necessary to play basketball as a recreational sport. (Pass/No Credit)

PEFSP 132/232—VOLLEYBALL

Course emphasizes the fundamental skills of volleyball, offenses, defenses, and rules necessary to play volleyball as a recreational sport.

PEFSP 145/245—AEROBIC FITNESS

Explores the concepts of improving aerobic fitness and function. Uses vigorous exercise (including running, jumping, aerobic dance, step, bike, and outdoor exercise) and related assignments.

PEFSP 147/247—FUNCTIONAL FITNESS

Course using techniques from Ashtanga yoga, physio-ball training, core stabilization, and Pilates-type exercises to improve functional movement skills, balance, and coordination.

PEFSP 152—LIFETIME FITNESS

Concepts of improving all major components of fitness. Vigorous exercise including heavy weight lifting, running, jumping, and academic assignments/projects. (Formerly PEFSP 150)

PEFSP 155—STRENGTH & FLEXIBILITY TRAINING

Exploration of the concepts of improving fitness and function through strength and flexibility training. Student participates in vigorous exercise and academic assignments.

PEFSP 157—PRESCRIPTION LIFETIME FITNESS

For students with medical conditions limiting participation in standard exercise. Does not provide Personal Training/Rehabilitation services. Oral & written academic projects are included.

PEFSP 161/261—VARSITY TEAM—VOLLEYBALL

Theory and conditioning for offensive and defensive team play necessary for successful competitive volleyball. For students on varsity volleyball.

PEFSP 175/275—JOGGING/AEROBICS

Exploration of concepts of improving lifetime aerobic fitness. Students will jog a variety of distances and courses with sufficient stimulus to produce aerobic fitness.

PEFSP 178/278—AEROBIC WALKING

Exploration of concepts of improving lifetime aerobic fitness. Students will walk a variety of distances and courses with sufficient stimulus to produce aerobic fitness.

PEFSP 252—LIFETIME FITNESS

Supervised setting for continued improvement in lifetime fitness. Students engage in a project or paper demonstrating further depth in the subject matter.

PEFSP 255—STRENGTH & FLEXIBILITY TRAINING

Further exploration of and improvement in strength and flexibility training. Student participates in vigorous exercise and course project.

PEFSP 257—PRESCRIPTION LIFETIME FITNESS

Supervised setting for continuation of concepts presented in PEFSP 157, as well as further improvement in overall fitness. Academic project included.

Physical Educ.-Recreation & Dance**PE-RD 143/243—JAZZ DANCE**

Students study the history and culture of Jazz dance, basic choreography and isolation technique, musical phrasing, and biomechanics for Jazz technique.

PE-RD 147/247—BALLROOM/SWING DANCE

Students study the history and cultural background in the Foxtrot, Waltz, Swing, Rumba, Cha-Cha, Samba, and Tango dances. Students will also study technique, choreography, postural development/body placement, and terminology.

PE-RD 170—BACKPACKING AND SURVIVAL

Explore topics related to camping, travel and survival techniques in the outdoors. Includes a minimum of 6 hiking/backpacking field trips. (Formerly PE-RD 171)

PE-RD 175—BASIC ROCK CLIMBING

Explore topics related to technical (5th class) rock-climbing. Includes 20 hours of activity, in a structured rock-climbing environment.

PE-RD 272—INTERMEDIATE MOUNTAINEERING

Advanced techniques related to rock, ice, and show climbing/travel, and alpine living skills.

Physics**PHYS 110—INTRO TO PHYSICS**

Metric System, Velocity and Acceleration, Vector's, Newton's Laws, Work and Energy, Momentum, Rotational Motion. Satisfies lab science requirements for A.S. Degree.

PHYS 114—GENERAL PHYSICS

Mechanics: Fundamental quantities, vectors, one and two dimensional motion, statics, Newton's Laws, gravitation, work and energy, impulse and momentum, and rotational motion. (Offered Fall Quarter only.)

PHYS 254—ENGINEERING PHYSICS

Mechanics: Fundamental units, vectors, statics, laws of kinematics, linear and rotational motion, work, energy, momentum, impulse, equilibrium, inertia, and rocket propulsion.

Political Science**POL-S 101—INTRO TO POLITICAL SCIENCE**

An introduction to the principles and problems of the study of politics and modern government. This includes the study of concepts such as freedom, authority, power, and ideology.

POL-S 115—STATE AND LOCAL GOVERNMENT

Political and legal foundations of state and local governments, including legislative functions, distribution and execution of power, administrative organization, political parties and voter behavior, and state and local policy-making.

POL-S 150—WAR

A comprehensive description of war from the social sciences and humanities: Historical, political, economic, psycho-social aspects and topics from philosophy, literature, and film are used. (Same as HIST 150/HUMAN 150)

POL-S 175—POLITICS AND LITERATURE

An examination of the central issues and concepts of politics through the perspective provided by great literature. Included will be the questions of authority, responsibility, freedom, and power. (Same as HUMAN 175)

POL-S 210—AMERICAN GOVERNMENT

Development, structure and role of U.S. Government, with attention to democratic traditions. Constitutionalism, federalism, civil liberties, political parties, and propaganda.

Practical Nursing**PNURS 120—PRACT. NURS. GROWTH/DEVELOPMNT**

Emphasizes growth and development of the individual across the lifespan. Utilizes a holistic, nursing process approach to evaluate family influences and health promotion/prevention.

PNURS 202—PRACTICAL NURS. CLIN CARE MGT

Discussing the Practical Nurse's role in management and supervision, team building, client advocacy, trends in health care, resume writing and preparation to enter the workforce.

PNURS 204—PRACTICAL NURS. FUNDAMENTALS III
Introduction to childbearing, pediatrics and complex medical-surgical conditions using a nursing process framework. Includes critical thinking, stress/adaptation and ethical concepts.

PNURS 206—PRACTICAL NURS. FUNDAMENTALS IV
Continuation of complex medical/surgical and mental health conditions using a nursing process framework. Includes critical thinking, stress/adaptation, pharmacology and teaching concepts.

PNURS 208—PRACT. NURS., PED/OB/MS CLINICAL
Direct patient care experience emphasizing practice and application of theory/skills related to clients in Obstetric, Pediatric and Medical-Surgical settings.

PNURS 210—PRACTICAL NURS. CLIN MENTORSHIP
Students will gain additional experience in direct patient care and management responsibilities using a mentorship with a Licensed Practical Nurse.

Psychology

PSYCH 101—GENERAL PSYCHOLOGY
Survey of basic topics in psychology including methods, the biological basis of behavior, sensation, perceptions, learning, memory, motivation, emotion, and clinical psychology.

PSYCH 102—PSYCHOLOGY OF ADJUSTMENT
Systematic presentation of scientific psychological principles and procedures for the resolution of human problems and relationships.

PSYCH 122—PARENT-CHILD RELATIONSHIP
The students learn to apply basic human behavioral concepts to adult/child relationships. They learn effective skills to deal with problems encountered, with particular emphasis on parent/child relationships. (Same as PARED 122)

PSYCH 140—CAREER PLANNING/LIFE EXPLORATION
This course is open to all students, vocational and transfer. Identify interests and values in relationship to the world of work. Establish or change career goals and learn skills for ongoing career and life planning. Determine the effects of outside variables to see the impact on career choices.

PSYCH 163—PSYCHOLOGY OF SELF-ESTEEM
Feelings of self-worth and feelings of self-competence will be discussed, along with developmental forces that contribute to each.

PSYCH 240—ABNORMAL PSYCHOLOGY
A survey of psychopathology, specifically a study of abnormal human behavior, its description and explanation from several theoretical perspectives, and an overview of therapies to modify abnormal behavior.

PSYCH 250—INDUSTRIAL/ORGANIZATIONAL PSYCH
A study of the psychology of work. The course covers selection, testing, training, leadership, motivation, job satisfaction, communication, stress, and the work environment.

PSYCH 260—INTRO TO CLINICAL PSYCHOLOGY
An introduction to professional issues in clinical and counseling psychology and major therapeutic techniques used in the professions. (Same as SOCIO 260)

Residential Construction/Remodeling

RSCON 120—ARCHITECTURAL DRAWING
Introduction to basic drawing equipment and techniques and their application to the production of building plans, elevations, and sections suitable for residential construction. (Same as TEC-D 127)

RSCON 135—APPLIED CABINETRY I
Entry-level training and development of skills in cabinet-making, including shop and personal safety, tool and machine selection and use, wood selection, elementary joinery and construction, and finishing.

RSCON 136—APPLIED CABINETRY II
Intermediate level training and further development of skills in cabinet making including a review of shop and personal safety, tool and machine selection and use, wood selection, more complex joinery, construction, and finishing.

RSCON 137—APPLIED CABINETRY III
The student will use the acquired knowledge, skills, and confidence gained in RSCON 135 and 136 to accomplish a major project either of their own design or from plan.

Science

SCI 100—INTRO TO SCIENCE
Overview of sciences taught at Olympic College. Basic concepts of chemistry, biology, physics, astronomy, geology, and geography will be covered. Intended for students with little or no science background.

Sociology

SOCIO 101—INTRO TO SOCIOLOGY
Introduces the subject matter, theories, and methods of sociology. Focuses on the interaction between the individual and the social milieu.

SOCIO 102—SOCIAL PROBLEMS
A survey of sociological theories, descriptions, and methods of researching and analyzing the current major social problems in America.

SOCIO 103—ADMINISTRATION OF JUSTICE
A study of the Criminal Justice System on the local, state and federal levels, with an understanding of their historical, philosophical and social foundations.

SOCIO 106—JUVENILE DELINQUENCY AND JUSTICE
The causation, apprehension, commitment, and treatment of juvenile delinquents including methods of caring for delinquents using basic sociological theories. (Same as AJUS 106)

SOCIO 107—INTRO TO FAMILY SUPPORT
The course provides an overview of the sociological concepts related to family support. Introduces principles and practices in family support and its potential for restructuring human services. (Same as FS 107)

SOCIO 108—SOCIOLOGY OF CORRECTIONS
A study of the corrections process, history, and how correctional procedures and treatments affect inmates, correction officers, and society in general.

SOCIO 109—FAMILY ABUSE AND NEGLECT
The course focuses on sociological theories, research, cause and effect of family violence, abuse and neglect, with special emphasis on prevention. (Formerly FSS 103)

SOCIO 135—THE FAMILY
This course examines structural and personal change factors in families in Western and non-Western countries.

SOCIO 151—BLENDED FAMILY
Students focus on the increasing prevalence of the blended family: The family composed of parents and children from previous families. Strengths, challenges and opportunities are identified. (Same as PARED 151)

SOCIO 220—WOMEN IN AMERICAN CULTURE
A survey of the role and status of American women from Colonial Times to the present, with emphasis on the arts. (Same as HUMAN 220)

SOCIO 260—INTRO TO CLINICAL PSYCHOLOGY
An introduction to professional issues in clinical and counseling psychology and major therapeutic techniques used in the professions. (Same as PSYCH 260)

SOCIO 271—SOCIAL DEVIANCE
Examine the concepts of deviance, deviant behavior, and social control; theories of deviance and deviant behavior; types of deviant behavior; and societal responses.

Speech

SPCH 145—AMERICAN SIGN LANGUAGE I
An introductory course focusing on expressive and receptive signing in the context of everyday situations. In addition to basic vocabulary and grammar, the culture and history of the deaf and culturally appropriate behaviors are introduced. (Same as FLASL 145)

SPCH 146—AMERICAN SIGN LANGUAGE II
Continued study of ASL focused on expanding vocabulary and grammar to intermediate level with an emphasis on expressive and receptive skills. Further discussion of the deaf culture is also included. (Same as FLASL 146)

SPCH 147—AMERICAN SIGN LANGUAGE III
Continued study of ASL focused on expanding vocabulary and grammar with an emphasis on expressive and receptive skills. Further discussion of deaf culture. (Same as FLASL 147)

SPCH 148—AMERICAN SIGN LANGUAGE IV
The focus of this course is to develop ASL fluency with the emphasis on expressive skills. The course includes intensive vocabulary building, ASL idioms, slang and grammar. (Same as FLASL 148)

SPCH 151B—FUNDAMENTALS OF SPEECH
Principles and techniques of preparing and delivering effective public speeches to inform, analyze, and persuade.

SPCH 152—INTERPERSONAL COMMUNICATION
Communication theory as applied to interpersonal communication. Includes verbal and non-verbal language, listening, perception, and self-concept as it applies to communication, emotions, and conflict resolution.

SPCH 242—COMMUNICATION IN ORGANIZATIONS
The study of communication in career settings. Material to be covered includes verbal and non-verbal language, listening, interviewing, conflict resolution, and oral presentations.

Technical Design

TEC-D 116—COMPUTATIONAL TECHNIQUES/TECHN.
Use of hand calculators and electronic spreadsheets in the solution of technical calculations. Emphasizes use of calculation aids for algebraic, trig, power, complex, interactive, and repetitive calculations.

TEC-D 127—ARCHITECTURAL DRAWING
Introduction to basic drawing equipment and techniques and their application to the production of building plans, elevations, and sections suitable for residential construction. (Same as RSCON 120)

TEC-D 130—MANUFACTURED MATERIALS/PROCESS.
Familiarization with the applications of materials commonly used in construction and processes in manufacturing.

TEC-D 136—INTRO TO GIS-1
Session 1 in the introduction to Geographical Information Systems (GIS) for the PC. An overview of GIS and its applications, plus hands-on projects forming data relationships displayed in map or graphical formats.

TEC-D 137—INTRO TO GIS-2

Session 2 in the Introduction to Geographical Information Systems (GIS) for the PC. An overview of GIS and its applications, plus hands-on projects forming data relationships displayed in map or graphical formats.

TEC-D 138—INTRO TO GIS-3

Session 3 in the Introduction to Geographical Information Systems (GIS) for the PC. An overview of GIS and its applications, plus hands-on projects forming data relationships displayed in map or graphical formats.

TEC-D 139—INTRO TO GIS-4

Session 4 in the Introduction to Geographical Information Systems (GIS) for the PC. The conclusion to an overview of GIS and its applications, plus hands-on projects forming data relationships displayed in map or graphical format.

TEC-D 140—INTRO TO MICROSTATION

Introduction to Microstation Computer-Aided Design software to generate engineering drawings. Presentation of entry-level draw, edit, display, and plotting procedures. (Formerly ENGR 140)

TEC-D 148—DESKTOP PUBLISHING WITH PAGEMAKER

A practical, hands-on approach to desktop publishing using PageMaker software. An introduction to the principles of desktop publishing to the functionality of PageMaker, from creating masterpages and templates to implementing basic design concepts to create effective publications. (Same as CMPTR 148)

TEC-D 175—INTRO TO SOLID EDGE

An introduction to the Solid Edge Computer Aided-Design software and creative technical drawings using solid edge.

TEC-D 200—INTRO TO COMPUTER-AIDED DESIGN

Introduction to use of computers to generate mechanical drawings. Presentation of the concepts needed to use computer and peripheral equipment to prepare, edit, store, retrieve and plot engineering drawings. Some lab hours arranged.

TEC-D 221—2D PRODUCTION DRAWING/AUTOCAD

An intensive course using AutoCAD to create and/or modify large 2D production drawings. Large projects will be emphasized. This course will be similar to a shop employment experience. The student will work on "real life" projects received from distant employers when possible. Course will include Xref, information transfer via internet, and memory conservation techniques.

TEC-D 223—3D CAD-RHINO SOFTWARE

An introduction to the Rhinoceros 3D NURBS modeling software to create and edit accurate free-form 3D models. Study also includes rendering, manipulating and customizing the modeling environment and exporting and importing models for use with AutoCAD and other CAD programs.

TEC-D 235—PARAMETRIC MODEL W/AUTODESK INV.

Inventor is AutoDesk's newest parametric solid modeler. You can create a 3D solid model, and the program then generates the 2D drafting views. Product assemblies are also possible.

TEC-D 236—AUTODESK INVENTOR—LEVEL II TRAIN.

This course covers iFeatures, iPart factories, iMates, derived parts, surface tools adaptive design, lofts, sweeps, splines, sketching tools, constraints, 3D Sketches, adaptive technology, notebook, materials, lighting, color, design variables, the Design Assistant, sheet metal presentations, assemblies, collaboration and managing model data.

TEC-D 250—INTRO TO PRO/ENGINEER

An introductory course in the use of Pro/Engineer computer-aided design software, which includes an introduction to constraint based solids modeling.

TEC-D 280—AUTOCAD UPDATE

Emphasis is on new and enhanced features in the most current version of AutoCAD. This is NOT a multiple level update class.

Video and Theatre Arts**VTA 101—THEATRE APPRECIATION**

Overview of basic elements of theatre arts: The nature of theatre, its role in society, activities of playwrights, directors, designers and performers. Required attendance at two outside performances.

VTA 110—VIDEO PRODUCTION FOUNDATIONS

Introduction to video production. Includes history of TV, video technologies, equipment operation, audio/video image composition, recording, lighting, production planning, visual storytelling and video editing.

VTA 120/220—THEATRE PRODUCTION WORKSHOP

Lecture/discussion on all aspects of theatre productions currently being prepared.

VTA 210—STAGECRAFT

An introduction to the basics of scenic planning, drafting, construction, rigging and shifting techniques.

VTA 251—BEGINNING ACTING

Introduction to theory and practice of acting with emphasis on the development of fundamental processes of imagination, concentration, observation and recall. (Formerly DRAMA 251)

VTA 257—VIDEO PROD WRKSH: VIDEO SHORTS

Lecture/discussion and individualized activities relating to video projects with emphasis on video shorts.

VTA 260—VIDEO PROD WRKSH: WRITING

Lecture/discussion and individualized activities relating to video projects with emphasis on writing for video.

VTA 263—VIDEO PROD WRKSH: GRAPHICS

Lecture/discussion and individualized activities relating to video production with emphasis on broadcast graphics.

VTA 266—VIDEO PROD WRKSH: MUSIC VIDEO

Lecture/discussion and individualized activities relating to video production with emphasis on music video production.

Welding**WELD 100—OXYACETYLENE WELDING**

Students develop skills required for oxyacetylene welding and brazing in the flat, horizontal and vertical positions on mild steel plate. Students receive instruction in thermal cutting processes: oxyfuel cutting (OFC) and plasma arc cutting (PAC).

WELD 101—ARC WELDING I

Students receive individualized instruction in shielded metal arc welding (SMAW) in the flat and horizontal positions on low carbon steel plate using E6010 and E7018 electrodes. Students develop skills for weld removal using carbon arc cutting with compressed air (CAC-A).

WELD 102—ARC WELDING II

Students receive individualized instruction in shielded metal arc welding (SMAW) PRINCIPLES OF OPERATION. Sound Groove welds and fillet welds in all positions will be made using E7018 electrodes on plain carbon steel.

WELD 103—ARC WELDING III

Students receive individualized instruction in producing sound groove welds in the 2G (horizontal), 3G (vertical

up) positions using shielded metal arc welding (SMAW) PRINCIPLES OF OPERATION. Test assemblies are prepared according to drawing specifications and approved by the test supervisor. The student is required to pass "welder performance qualification" testing.

WELD 104—GAS TUNGSTEN ARC WELDING

Students develop skills required for Gas Tungsten Arc Welding (TIG) in the flat, horizontal and vertical positions on mild steel, stainless steel and aluminum plate.

WELD 105—GAS METAL ARC/FLUX CORED ARC W.

Students develop skills required for Gas Metal Arc (MIG) and flux cored arc welding in the flat, horizontal and vertical positions on mild steel and aluminum plate.

WELD 106—WELDING TECHNICAL ORIENTATION I

The focus of this course is on fundamentals of beginning welding theory with emphasis on safety. Oxyacetylene Welding and Shielded Metal Arc Welding processes for joining common materials are discussed. Other commonly used processes including manipulative skills, welding consumables, electrical principles and applications are investigated and applied.

WELD 125/126/127—WELDING REFRESHER LAB

Skill development and certification refresher for the purpose of passing employment and/or certification examinations.

WELD 190—WELDING SPECIAL PROJECTS

The fabrication and manufacture of welded projects selected by the student or assigned by the instructor. Includes designing, cost analysis, ordering materials, and fabrication of projects.

WELD 191—WELDING SPECIAL PROJECTS

A continuation of WELD 190.

WELD 192—WELDING SPECIAL PROJECTS

A continuation of WELD 191.