

Course Descriptions

Section IX

Course Numbers

All courses are numbered in terms of four digits. The first digit indicates the class level. Course numbers beginning with a “1” indicate freshman-level courses; course numbers beginning with a “2” indicate sophomore-level courses. Courses having numbers beginning with a “0” are taken for no college credit and are intended to satisfy basic academic skills deficiencies. The last digit of course number indicates the number of semester credit hours awarded for successful completion of the course. Therefore, a course numbered 1113 should be interpreted as a freshman course carrying three hours of credit.

Lecture-Laboratory-Credit Hours

In addition to the course number and title, a three-number code appears after the title of the course. The first number indicates the number of lecture hours; the second, the number of laboratory hours; and the third, the number of credit hours. Therefore, a course with the code 3-0-3 should be interpreted as having three hours of lecture each week, zero hours of laboratory, and three hours of college credit.

ACCOUNTING

ACCT 1413 Introduction to Accounting is a preparatory course for Financial Accounting. The course deals with the complete accounting cycle, data entry, record keeping, and financial statement preparation. This course enriches business and accounting vocabulary. (3-0-3)

ACCT 2033 Financial Accounting is a study of accounting theories and concepts involved in analyzing, processing, interpreting, and communicating decision-making information for internal and external uses. Financial Accounting is the theory and practice of recording business transactions, preparing and analyzing financial statements, and applying procedures related to current assets, current liabilities, long-term assets, long-term liabilities, and payroll. **Prerequisite: ACCT 1413 or high school bookkeeping/accounting.** OSRHE Matrix AC 201. (3-0-3)

ACCT 2123 Managerial Accounting is a study of accounting theories and concepts involved in analyses, processing, interpreting, and communicating decision-making information for internal and external uses. The course analyses cost behavior with an emphasis on the accumulation of product costs and budgeting for planning and business decision making. **Prerequisite: ACCT 2033.** OSRHE Matrix AC 201. (3-0-3)

ACCT 2143 QuickBooks covers the recording and interpretation of accounting and financial data in the form of computer output. Basic areas of financial accounting including general ledger, accounts receivable, accounts payable, and payroll are included. **Prerequisites: ACCT 1413 or concurrent enrollment in ACCT 2033.** (3-0-3)

ACCT 2233 Payroll Tax Accounting covers payroll systems, payroll legislation, recording and payment of salaries, recording and payment of taxes, and reporting of payroll taxes to governmental agencies. **Prerequisite: ACCT 2033 or concurrent enrollment in ACCT 2033.** (3-0-3)

AGRICULTURAL SCIENCE

AGRI 1104 Introduction to Animal Science is an introduction to the production, marketing, and distribution of meat, milk, eggs, and other products. Also includes the study of commodity specialization, world markets, breeding systems, and management of various livestock breeds. (3-1-4)

AGRI 1303 Introduction to Wildlife and Natural Resource Management explores natural resource careers and introduces concepts of forest biology, tree physiology, forest ecology, silviculture, water resources, and fish and wildlife management. The course also introduces the wide variety of natural resources found globally with a focus on Oklahoma ecoregions. (3-0-3)

AGRI 1503 Introduction to Livestock Evaluation is an introduction into the practices involved with the selection, evaluation, and classification of livestock and livestock products. (3-0-3)

AGRI 2113 Agricultural Communications is an introduction to the fundamentals of agricultural news writing and other communication methods as they relate to role of media in agriculture. The course also provides an introduction to career options and skills required of agricultural communicators. (3-0-3)

AGRI 2123 Agricultural Leadership explores leadership in the context of agriculture and authentic leadership, independent thinking, commitment to agriculture, open minds, and professionalism. Course will develop short and long term goals through the identification of values, skills, and leadership styles. (3-0-3)

AMERICAN SIGN LANGUAGE

ASL 2343 Sign Language I will introduce students to ASL discourse, introductory level conversation and dialogue. Upon successful completion of the course student will be able to carry out a basic conversation with a deaf individual about such things as family, work, food items, and greetings. The course also includes the history of American Sign Language, various educational methodologies used in deaf education, communication methods, and the norms, values and traditions of American Deaf Culture. OSRHE Matrix SL 101. (3-0-3)

ASL 2353 Sign Language II continues to build on foundations established in ASL I. Students will demonstrate ASL discourse skills and more complex sentence structure in self-generated conversation and dialogue. Upon successful completion of the course students will be able to carry on a basic conversation with a deaf individual, will have an introductory understanding of ASL grammar and structure, and will experience an introduction to ASL poetry and literature. **Prerequisite: ENG 2343.** OSRHE Matrix SL 102. (3-0-3)

ANTHROPOLOGY

ANTH 1113 General Anthropology is an introduction to the anthropological way of thinking about human evolution, prehistory, cross-cultural variation and language. Emphasis is on the cultures of non-industrialized societies. OSRHE Matrix AN 101. (3-0-3)

ANTH 1203 Native Peoples of North America is an overview of Native society and culture north of Mexico from pre-Columbian time to present. OSRHE Matrix AI 019, AN 210. (3-0-3)

ART

ART 1103 Fundamentals of Art I is a study of the principal elements of two dimensional design which include color, perspective, fundamental drawing concepts and compositional elements. This course is designed for elementary education majors, art majors, and elective credit. OSRHE Matrix AA 080. (0-6-3)

ART 1123 Drawing I is designed to develop an understanding of the basic concepts of drawing and observational skills. A variety of media, sources and environments will be utilized. OSRHE Matrix AA 056. (0-6-3)

ART 1133 Fundamentals of Art II is a continuation of Fundamentals of Art I. The course is a study and analysis of three dimensional art forms using a variety of materials and processes. **Prerequisite:** ART 1103. OSRHE Matrix AA 081. (0-6-3)

ART 1143 Drawing II is a continuation of Drawing I. The course is designed to develop drawing and observational skills. A variety of media, sources and environments will be utilized. **Prerequisite:** ART 1123. OSRHE Matrix AA 057. (0-6-3)

ART 1153 Art History I is a study of the arts, artists and their cultures from the Prehistoric man through the Early Renaissance. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix AA 015, HH 006. (3-0-3)

ART 1163 Art History II is a study of the arts, artists and their cultures from the Early Renaissance to the present. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix AA 016, HH 006. (3-0-3)

ART 1173 Crafts I is project-based introduction to crafts which will cover a variety of projects with emphasis on artistic merit. OSRHE Matrix AA 048. (0-6-3)

ART 1203 Art Appreciation stresses the study of art from a variety of different backgrounds and cultures as both product and process. Aesthetic judgment-making in evaluation of art from different times and places is stressed. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix AA 005, HH 006. (3-0-3)

ART 1223 Black & White Photography I covers basic 35 mm camera function, basic black and white film processing, and printing. Students are responsible for providing a camera and supplies. OSRHE Matrix AA 024. (2-2-3)

ART 2123 Ceramics I covers a variety of building, techniques, glazing, and ceramics terminology. OSRHE Matrix AA 030. (0-6-3)

ART 2203 Black & White Photography II covers advanced skills in processing and printing in black and white photography. Student portfolio and presentation skills will be emphasized. Students are responsible for providing a camera and supplies. **Prerequisite:** ART 1223. OSRHE Matrix AA 025. (2-2-3)

ART 2213 Watercolor I develops skills in watercolor painting stressing form and composition, visual perception and individual expression. **Prerequisite:** ART 1103 or instructor permission. OSRHE Matrix AA 171. (0-6-3)

ART 2223 Watercolor II continues to develop skills in watercolor painting, stressing form and composition, visual perception and individual expression. **Prerequisites:** ART 1123 and 2213 or instructor permission. OSRHE Matrix AA 172. (0-6-3)

ART 2233 Painting I develops skills in opaque painting, stressing form and content, visual appreciation, and individual expression.

Prerequisite: ART 1123 or instructor permission. OSRHE Matrix AA 130. (0-6-3)

ART 2243 Painting II continues to develop skills in opaque painting, stressing form and content, visual appreciation, and individual expression.

Prerequisite: ART 2233 or instructor permission. OSRHE Matrix AA 131. (0-6-3)

ART 2273 Graphic Design I covers typography and graphic design. Students will work with a variety of media, including the computer.

Prerequisites: ART 1103 and ART 1123. OSRHE Matrix AA 086. (0-6-3)

ART 2293 Ceramics II is a continuation of Ceramics I. Students will further develop their glazing skills and knowledge of ceramics and its terminology. **Prerequisites:** Art 2123. OSRHE Matrix AA 031. (0-6-3)

ART 2300 Special Projects in Art may be one to three credit hours depending on the depth of the project. Interested students should contact the Art Department for more information. (Varies)

ART 2323 Global Studies in Art is a course that involves on-site study of the art, culture and history of a country, group of countries or geographic region. The course includes pre-trip traditional lectures, slide identification and writing. On-site activities include lectures, discussions, tours, and journal writings. This course satisfies a Seminole State College humanities requirement. The additional costs of the educational travel experience including the expenses associated with acquiring a valid US Passport are the responsibility of the student. (3-varies-3)

ART 2713 Printmaking covers the basic media and processes involved in the relief and intaglio processes. Discussion of the equipment, materials, procedures, inks, and how they relate to a fine arts studio will also be included. **Prerequisite:** ART 1103 or ART 1123. OSRHE Matrix AA 139. (0-6-3)

BIOLOGY

BIOL 1113 Introduction to Environmental Science is designed to develop an awareness of the limitation of the planet's natural resources and the principles and problems of conserving and managing those resources as they relate to living organisms. This course will also include a study of rural and urban environmental problems and possible solutions. OSRHE Matrix EC 102. (3-0-3)

BIOL 1114 General Biology is an introductory non-majors biology course that provides an overview of life processes and diversity. The course seeks to provide a framework for understanding biological issues by explaining basic principles of cellular function and metabolism, genetics, heredity, evolution, and ecology. **Prerequisite:** ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading. Corequisite: BIOL 1110 General Biology Lab. OSRHE Matrix BI 101. (3-2-4)

BIOL 1214 Principles of Biology is an introductory majors biology course that provides an overview of life processes and interactions at all levels of biological organization. The course explains and investigates connections between biochemistry, metabolism, cellular structure and function, heredity, evolution, biodiversity, and ecology. **Prerequisite:** ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading. Corequisite: BIOL 1210 Principles of Biology Lab. OSRHE Matrix BI 102. (3-2-4)

BIOL 1224 General Botany is an introductory majors course that covers plant anatomy, taxonomy, systematics, physiology, reproduction, diversity, evolution, and ecology. The course also covers basic plant identification and plant care and cultivation techniques. **Prerequisite:** ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading. Corequisite: BIOL 1220 General Botany Lab. OSRHE Matrix BI 201. (3-3-4)

BIOL 1234 General Zoology is an introductory majors course that covers anatomy, physiology, taxonomy, systematics, evolution, and ecology within the animal kingdom. **Prerequisite:** ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading. Corequisite: BIOL 1230 Zoology Lab. OSRHE Matrix BI 701. (3-3-4)

BIOL 2113 Introduction to Nutrition considers basic nutrition as it is related to food and health problems in the present socioeconomic and cultural environment. This course is a practical application of the science of nutrition in planning diets for people of various ages and occupations. (3-0-3)

BIOL 2114 Human Anatomy is a study of the structure of the human body. The course surveys the gross and microscopic anatomy of the human body, emphasizing the structure and interdependence of human organ systems, embryology, histology, and mammal and organ dissection. **Prerequisite:** BIOL 1214, BIOL 1224, or BIOL 1234. Corequisite: BIOL 2110 Human Anatomy Lab. OSRHE Matrix BI 406. Prerequisites for Health Sciences, MLT, and Nursing students may be waived on a case by case basis at the discretion of the appropriate Program Director. (3-3-4)

BIOL 2214 Human Physiology is a study of body function. This course includes a survey of the functions and biochemical processes of the cells, tissues, and organ systems. Functional interrelationships of vertebrate systems are stressed, including cellular physiology, communication and control, maintenance systems, and reproduction. This course emphasizes the basic chemical and physical reactions which are involved with maintenance of homeostasis, with special emphasis placed on humans. **Prerequisite:** BIOL 1214, BIOL 1224, or BIOL 1234. Corequisite: BIOL 2210 Human Physiology Lab. OSRHE Matrix BI 465. Prerequisites for Health Sciences, MLT, and Nursing students may be waived on a case by case basis at the discretion of the appropriate Program Director. (3-3-4)

BIOL 2224 Microbiology focuses on the biology of pathogenic and non-pathogenic microbes, including bacteria, fungi, protozoans and viruses. The epidemiology of disease-causing agents is studied along with the fundamentals of the human immune response. **Prerequisite:** BIOL 1214, BIOL 1224, BIOL 1234 or CHEM 1114. Corequisite: BIOL 2220 Microbiology Lab. OSRHE Matrix BI 301. (3-3-4)

BIOL 2300 Special Projects in Biology may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

BUSINESS ADMINISTRATION

BA 1003 College Keyboarding consists of hands-on training in "touch" keyboarding on the computer emphasizing accuracy and speed. (3-0-3)

BA 1123 Introduction to Business covers a broad range of principles, concepts, and terminology relating to many areas of business. The major topics covered include economics, accounting, management, manufacturing, entrepreneurship, and small business ownership. (3-0-3)

BA 1223 Introduction to Economics examines the structure and operation of the American Economic System. This course provides an introduction to selected economic principles essential to the understanding of contemporary economic issues. This course is not a substitute for BA 2113 or BA 2213. (3-0-3)

BA 1323 Global Studies in International Business is designed to introduce the student to a broad range of principles, concepts, and terminology relating to many areas of business with an emphasis on international activities. The major topics covered include the globalized economy, the importance of language and culture, globalizing the entrepreneurial firm, managing human resources globally, economic integration (common markets), and making alliances and acquisitions. This course includes a mandatory class trip to a global hub of international business. The additional costs of the educational travel experience which may include expenses associated with acquiring a valid US Passport are the responsibility of the student and will range from \$1,500 - \$3,500. (3-varies-3)

BA 1423 International Business is designed to introduce the student to a broad range of principles, concepts, and terminology relating to many areas of business with an emphasis on international activities. The major topics covered include the globalized economy, the importance of language and culture, globalizing the entrepreneurial firm, managing human resources globally, economic integration (common markets), and making alliances and acquisitions. (3-varies-3)

BA 1733 Business Mathematics is a review of the fundamental processes of mathematics as they relate to business practices. It provides a study of trade, cash and bank discounts, simple and compound interest, sales tickets and billing, markup procedures, payrolls, social security and other taxes, installment buying, insurance, negotiable instruments, and graphs. (3-0-3)

BA 2113 Macroeconomics topics include basic principles of demand and supply, national income, accounting, business cycles, inflation and unemployment, determinants of the level of output, employment and prices, money and banking, fiscal policy, monetary policy, economic growth, international trade and finance. OSRHE Matrix BU 410. (3-0-3)

BA 2123 Small Business Management examines the challenges faced in the creation and early growth stages of business enterprises including accounting, finance, opportunity recognition, legal constraints, management, marketing, taxation, and procedural problems. OSRHE Matrix MG 005. (3-0-3)

BA 2132 Internship is a supervised work experience related to the student's chosen technical-occupational field of study. Each internship experience is designed in cooperation with the sponsoring company and the student to provide a practical application in the work environment. Instructor permission required. (2-0-2)

BA 2133 Human Relations is a study of the relationship between employers and employees in the business workplace. The focus is on individuals within organizations and how their habits, patterns, personal problems, actions, and motives affect their job performance, morale, and job satisfaction. Emphasis is on employer-employee relations, including teamwork, group behavior, and conflict management. (3-0-3)

BA 2213 Microeconomics topics include basic principles of demand and supply, elasticity, utility analysis, business organization, production and costs, market structures, factor market, government regulations, and international trade. OSRHE Matrix BU 420. (3-0-3)

BA 2233 Business Communications is a survey course of communications skills needed in the business environment. Course content includes writing memoranda, letters, reports, resumes, and electronic messages; delivering oral presentations; and developing interpersonal skills. Critical thinking and problem solving skills are emphasized. Development of these skills is integrated with the use of technology. OSRHE Matrix BC 001. (3-0-3)

BA 2243 Personal Finance covers the various problems of individual/consumer financial management. Course content topics include personal budgeting, consumer loans and installment loans, credit cards and charge accounts, personal insurance, savings accounts, investments, social security, home ownership and purchase, commercial bank services, financial intuition services, personal taxes, wills, estate planning, retirement planning, career planning, financial planning, and leasing arrangements. OSRHE Matrix FN 001. (3-0-3)

BA 2253 Business Statistics includes summary statistics, basic probability concepts, statistical distributions, binomial distribution; normal distribution, distribution of the sample mean, confidence intervals, hypothesis testing. Emphasis is on business applications. **Prerequisite:** MATH 1513. OSRHE Matrix ST 002. (3-0-3)

BA 2300 Special Projects in Business Administration may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

BA 2403 Business Management is an introductory management course dealing with management theory and the fundamental principles of management including planning, organizing, leading, and controlling basic processes. OSRHE Matrix MG 001.

BA 2413 Business Law I covers the legal principles involved in ordinary business transactions with special emphasis placed on court systems, general contracts, negotiable instruments and bailments. (3-0-3)

BA 2423 Business Ethics is designed to explore aspects of ethical issues in business. The concepts studied include moral philosophy in the business world, the basis and organization of businesses, and the role of business in society. (3-0-3)

BA 2513 Marketing is a survey course for students who have prior coursework and understanding in business, includes a survey of all aspects of marketing: consumer behavior issues, products, pricing, distribution, promotion, research, strategy, and trends. OSRHE Matrix MK 003. (3-0-3)

CHEMISTRY

CHEM 1114 Introduction to Chemistry is an introduction to basic concepts in chemistry for students who have not had high school chemistry or have a limited background in science. Topics covered in include problem-solving techniques, chemical reactions, atomic structure, chemical bonding, stoichiometry, gases, solutions, acids-bases, and nuclear chemistry. This course will satisfy the SSC physicals requirement. **Prerequisite:** ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading. Corequisite: CHEM 1110 Introduction to Chemistry Lab. OSRHE Matrix CH 110. (3-3-4)

CHEM 1315 General Chemistry I is an introduction to the basic concepts and techniques of chemistry. Students will be introduced to modern concepts and calculations in the areas of matter, measurement, atoms, molecules, ions; stoichiometry; aqueous reactions, solution chemistry; thermochemistry; electronic structure of the atom, periodic properties of the elements, chemical bonding, molecular geometry, and gases. **Prerequisite:** MATH 1513 (or concurrent enrollment) and ACT Science subscore of at least 19 or Toledo Chemistry Test score of 25 or better or completion of CHEM 1114 with C or better. Corequisite: CHEM 1310 General Chemistry I Lab. OSRHE Matrix CH 140. (3-4-5)

CHEM 1515 General Chemistry II is a continuation of General Chemistry I with emphasis on intermolecular forces, properties of solutions; chemical kinetics; chemical equilibrium; acid-base equilibria, chemical thermodynamics, electrochemistry, and nuclear chemistry.

Prerequisite: C or better in CHEM 1315. Corequisite: CHEM 1510 General Chemistry II Lab. OSRHE Matrix CH 150. (3-4-5)

CHILD DEVELOPMENT

CD 1103 Child Development explores the physical, intellectual and social/emotional development of children from conception through adolescence focusing on major theories of human development as they apply to children, birth through adolescence. Knowledge of how children develop and learn is applied to the understanding of the diversity of children and their families. This course satisfies the CDA Competency #6. OSRHE Matrix CD 101. (3-0-3)

CD 1123 Introduction to Early Childhood Education is an introductory course that focuses on the foundations of early childhood education from infancy through the early primary years. Developmentally appropriate practice, multicultural issues and special needs children are included. This course satisfies the CDA Competencies #2, #3, #4, and #5. It is recommended that Child Development majors complete this course before CD 1103. OSRHE Matrix CD 105. (3-0-3)

CD 1223 Behavior and Guidance of Young Children emphasizes positive guidance and discipline for young children based on child development theory and developmentally appropriate practice. Positive guidance techniques such as creating environments, planning child-centered programs and effective communication are included. Supervised lab required. This course satisfies the CDA Competency #3. OSRHE Matrix CD 102. (3-0-3)

CD 2113 Program and Curriculum Planning for Early Childhood is designed for students who teach children from infancy through the early primary years. Students will examine various types of programs and analyze curriculum for children in group settings, plan developmentally appropriate, integrated curriculum, examine the current literature on developmentally appropriate reading and writing experiences for young children, and apply knowledge of cultural and linguistic diversity to curriculum and experiences. This course satisfies the CDA Competencies #2, #3, #5, and #6. **Prerequisite:** CD 1103. OSRHE Matrix CD 109. (3-0-3)

CD 2123 Health, Safety & Nutrition for Children will examine the identification and implementation of best practices of health, safety, and nutrition in a variety of early childhood settings and studies safe indoor/outdoor environments, good nutrition practices, children's healthy well-being. Practical application of health and safety issues in group care are emphasized, including resources needed for working with children and families in our diverse society. Educational activities and goals for children which focus on concepts children need for self-care are included. This course satisfies the requirements for CDA Competency #1. OSRHE Matrix CD 106. (3-0-3)

CD 2143 Family and Community Relationships explores how children develop within the context of the family and society. The main theoretical perspectives regarding the establishment of positive relationships with families and communities that benefit the development of children, including culturally diverse and special needs children are covered. This course satisfies the CDA Competency #4. OSRHE Matrix CD 103. (3-0-3)

CD 2163 Administration of Early Childhood Programs focuses on child care facilities, including centers and family child care homes serving children from infancy through the early primary years. Managing a budget, supervising staff, planning programs, and creating safe, healthy environments are included. Recognition of the importance of parent involvement and review the state regulations required for the care of children is also covered. Developmentally appropriate practice is emphasized. This course satisfies the CDA Competencies #5 and #6 and provides 32 of the 40 clock hours of director's training required by DHS to meet certain criteria for the Stars Program. OSRHE Matrix CD 114. (3-0-3)

CD 2333 Field Experience is a practicum course at a pre-approved child development center setting serving children from birth through third grade. Additional written assignments are required. Students may also be awarded advanced standing credit for the course by providing written documentation of six months of employment at a child development center serving children from birth through 3rd grade within the last calendar year. Instructor permission required regardless of method of completion. (3-0-3)

CD 2393 Daily Programming for Infants and Toddlers is designed for students who teach in programs that serve infants and toddlers. Course includes theories related to cognitive and social development and understanding individual differences and their effects on child development. Observation methods, supporting play, and curriculum for infants and toddlers are included. This course satisfies the CDA Competencies #2, #3 and #5 for infant/toddler certification. OSRHE Matrix CD 112. (3-0-3)

COMPUTER APPLICATIONS

CAP 1003 Elementary Computer Literacy is designed to introduce the student to computer terminology, desktop applications, and using the Internet as a research tool. OSRHE Matrix CS 000, IS 000. (3-0-3)

CAP 1103 Introduction to Microsoft Office is designed as an introduction to *Microsoft Office* which covers the following applications: *Word, Excel, Access, and PowerPoint*. OSRHE Matrix CS 000, IS 000. (3-0-3)

CAP 2103 Advanced Microsoft Word further develops word processing and desktop publishing skills for the creation of professional quality documents. Techniques included are formatting, editing, working with outlines and master documents, collaboration, creating forms, and customizing *Microsoft Word* with macros. **Prerequisite CA 1103 or instructor permission.** (3-0-3)

CAP 2263 Desktop Publishing includes design and production of professional quality documents in *Microsoft Publisher*. (3-0-3)

CAP 2603 Advanced Microsoft Access includes planning, managing and manipulating a database in *Microsoft Access*, working with HTML, hyperlink fields, automating tasks with macros, and writing *Visual Basic for Application Code* in a relational database system. **Prerequisite CA 1103 or instructor permission.** OSRHE Matrix IS 019. (3-0-3)

CAP 2643 Advanced Microsoft Excel includes development of professional quality computerized spreadsheets in *Microsoft Excel*. Advanced topics covered are embedding and linking worksheets and graphs, integrating *Excel* with other *Windows* programs and the internet, creating data tables, importing data, and enhancing worksheets with macros and *Visual Basic*. **Prerequisite CA 1103 or instructor permission.** OSRHE Matrix IS 030. (3-0-3)

COMPUTER SCIENCE

CS 1113 Programming in Visual Basic is designed to allow the student to author programs in the *Microsoft VB.Net* language. Students will become familiar with programming principles and design, flowcharting, fundamental control structures, files, input/output, error trapping, and variable arrays. OSRHE Matrix CS 007, IS 002. (3-0-3)

CS 1313 Programming in Java covers the development of applications using the JAVA programming language. The course includes the basics of structured- and object-oriented programming techniques. Students will also be introduced to GUI and Web-based

programming in JAVA and advanced coverage of arrays, inheritance, and GUI concepts. OSRHE Matrix CS 009. (3-0-3)

CS 1173 Hardware System Support focuses on the management and maintenance of hardware and operating systems environments including user administration, security, back-up/recovery, advanced systems performance evaluation, and troubleshooting. (3-0-3)

CS 1183 Information Security explores the principles of information assurance, with emphasis on current threats and vulnerabilities, infrastructure and operational security, cryptography, legal and ethical issues, and security policies, practices, and procedures. OSRHE Matrix IS 029. (3-0-3)

CS 2003 Webpage Design Using HTML covers the fundamentals of *Hyper Text Markup Language* (HTML), web page design and creation, and web development through the application of various development principles, tools, and technologies. OSRHE Matrix IS 027. (3-0-3)

CS 2013 Programming in C++ covers the problem-solving/software construction process. This will include problem analysis, program design, program coding in the C++ language, basic control structures, files, input/output, single and multi-dimensional arrays, searching, and sorting. OSRHE Matrix CS 005, IS 005. (3-0-3)

CS 2173 Operating Systems includes installation and configuration of a computer operating system including file management and system security. OSRHE Matrix IS 025. (3-0-3)

CS 2300 Special Projects in Computer Science may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

CRIMINAL JUSTICE

CJ 1103 Introduction to Criminology is an introduction to the systematic examination of the basic nature of crime. Emphasis is placed on extent, social foundations, police, courts, law, prisons, theories of punishment, theories of causation, and efforts in prevention. OSRHE Matrix. (3-0-3)

CJ 1123 Introduction to Criminal Justice Systems is an overview of the Criminal Justice System and the three traditional elements of the criminal justice system: police, courts and corrections as they pertain to adults and juveniles. It provides an understanding of the participants and their roles in accomplishing the mission of the Criminal Justice System. OSRHE Matrix CJ 101. (3-0-3)

CJ 1233 Adult Correctional Systems is an overview of the historical development and a complete analysis of the entire adult corrections system. OSRHE Matrix CJ 103. (3-0-3)

CJ 1143 Introduction to Law Enforcement is a study of basic information that will serve as an overview of the entire law enforcement field as well as a solid foundation for future Criminal Justice course work. The history of law enforcement in a democratic society; introduction to agencies involved in administration of Criminal Justice and its evolution up to the present are included. OSRHE Matrix CJ 102. (3-0-3)

CJ 2203 Rules of Evidence covers the collection and presentation of legal evidence in the justice system. Topics covered include the responsibility peace officers have in the lawful collection and presentation of evidence, relevancy, materiality, weight, burden of proof, presumptions, types of evidence, judicial notice, evidentiary privileges, best evidence, opinion evidence, and hearsay evidence and its exceptions. OSRHE Matrix CJ 109. (3-0-3)

CJ 2243 Fundamentals of Criminal Investigation is a study of a criminal investigation and what constitutes effective, efficient investigation. The equipment, technology and procedures that facilitate investigations, including the theory and history of conduct at a crime scene, the collection and presentation of evidence, and the basis of investigating crimes against the person and crimes against property are also included. OSRHE Matrix CJ 110. (3-0-3)

CJ 2253 Juvenile Justice Procedures is an overview of the organization, function, and jurisdiction of the juvenile justice system; methods of handling, processing, and detention of juveniles; and case disposition and court procedures. OSRHE Matrix CJ 104. (3-0-3)

CJ 2300 Special Projects in Criminal Justice may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

ENGINEERING

ENGR 1113 Introduction to Engineering is a project-based introduction to engineering principles, disciplines, design, problem-solving and computer aided drafting. (3-0-3)

ENGLISH

ENG 0103 English as a Second Language I covers the basic structures and patterns of English. The class stresses listening and speaking in English to better prepare students to accept direction in other courses. The class integrates English grammar, spelling, and punctuation with formal or academic reading and writing. The design of this course provides the scaffolding students from other countries require to succeed in an American institute of higher education. ESL courses provide English-language learners additional support in their other courses while mastering academic English conventions. Students must pass with a "C" or better to move on to ENG 0173. (3-0-0)

ENG 0125 Fundamentals of Language Arts addresses student deficiencies in reading and writing as identified by the ACT Reading and ACT English Subtest scores, or Reading and English placement exams. Coursework will focus on vocabulary, comprehension and study skills, as well as writing basics, such as paragraph development, writing styles and processes, punctuation, sentence structure and grammar, and an introduction to essay writing. To clear the reading and/or writing deficiencies, students must be able to read at or above the 10th grade level as determined by the end-of-semester reading diagnostic test, and attain an overall course grade of "C" or better. (5-0-0)

ENG 0173 English as a Second Language II is a study of basic speaking and writing. This course will build existing English language skills with an emphasis in academic writing and reading as well as speaking and listening. It will also build academic speech by building on vocabulary through the immersion of language skills. This class is a 3 hour class plus lab hours. Students must pass with a "C" to move on to ENG 0183. Student will take a pre-test to achieve an academic standing in this class. (3-0-0)

ENG 0183 English as a Second Language III is a study of basic speaking and writing. This course will build existing English language skills with an emphasis in academic writing and reading as well as speaking and listening. It will also build academic speech by building on vocabulary through the immersion of language skills. Students must pass with a "C" to move on to a higher level ENG class. Student will take a pre-test to achieve an academic standing in this class. (3-0-0)

ENG 1113 Composition I studies correct usage and writing modes. The class emphasizes expository and persuasive essays, academic research and proper attribution. **Prerequisite: ACT English and Reading subscores of 19 or higher or clear reading and writing basic academic skills deficiencies.** OSRHE Matrix E 001. (3-0-3)

ENG 1213 Composition II focuses on critical analysis and developing argumentative essays. A research paper is required. **Prerequisite: ENG 1113.** OSRHE Matrix E 002. (3-0-3)

ENG 1313 Technical Report Writing provides an introduction to the techniques of technical writing. OSRHE Matrix E 012. (3-0-3)

ENG 1803 Native American Literature studies American Indian authors' books, poetry, prose, and other American Indian-focused literary compositions. This course will also discuss the literary, cultural, historical, religious and political themes and implications of the American Indian authors and the literature. OSRHE Matrix AI 002. (3-0-3)

ENG 2103 Fiction Writing places special emphasis upon voice, style and expression of fictional writing. (3-0-3)

ENG 2113 Creative Writing includes writing drama, poetry, nonfiction, and fiction. The course emphasizes voice, style, and audience. **Prerequisite ENG 1213 or instructor permission.** OSRHE Matrix E 010. (3-0-3)

ENG 2123 Introduction to Poetry includes instruction and practice in writing various forms of poetry. The course places special emphasis upon voice, style, and expression. (3-0-3)

ENG 2300 Special Projects in English may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

ENG 2403 Global Studies in Language Arts and Humanities is a course that involves on-site study of the art, culture and history of a country, group of countries or geographic region. The course includes pre-trip traditional lectures and writing. On-site activities include lectures, discussions, tours, and journal writings. This course satisfies a Seminole State College humanities requirement. The additional costs of the educational travel experience including the expenses associated with acquiring a valid US Passport are the responsibility of the student. (3-varies-3)

ENG 2413 Introduction to Literature introduces literary concepts using poetry, short stories, and plays, with some discussion of the historical, political, cultural, or social influences surrounding the literature. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix E 003, HH 003. (3-0-3)

ENG 2433 World Literature I is the study of cultural, philosophical, and religious themes from antiquity through the 1700s, especially as represented in masterpieces of literature from around the world. Readings focus on the social values and various artists' personal perceptions of ancient societies—including Greece, India, Africa, and China. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix E 008, HH 003. (3-0-3)

ENG 2543 British Literature I links historical, social, cultural, and artistic developments in a sampling of the best of English literary heritage. Beginning with the Anglo-Saxon world, the course moves through the Middle Ages, the Early Modern Period, the Restoration, and the early Eighteenth Century. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix E 006, HH 003. (3-0-3)

ENG 2653 British Literature II begins with the Romantic era and progresses through the Victorian, Modern, and Postmodern periods of art and literature, examining the historical, social, and cultural themes and implications of the literature. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix E 007, HH 003. (3-0-3)

ENG 2753 American Literature I is a chronological view of writers contributing to literature in America from 1492 to 1865 with a diversity of genres and a multicultural approach. This course examines the historical, social, and cultural themes and implications of American literature, as well as literary form. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix E 004, HH 003. (3-0-3)

ENG 2883 American Literature II is a chronological view of writers contributing to literature in America from 1865 to the present with a diversity of genres and a multicultural approach. This course examines the historical, social, and cultural themes and implications of American literature, as well as literary form. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix E 005, HH 003. (3-0-3)

FRENCH

FREN 1125 French I is an introduction to the productive (speaking and/or writing) and receptive (listening/visual comprehension) skills necessary for French. The course typically introduces vocabulary, pronunciation, and reading and writing of short, simple texts. Grammar is often confined to simple sentence structure and simple tenses. OSRHE WL-110-FR. (5-0-5)

FREN 1225 French II continues building of the productive and receptive skills appropriate to the language. This often includes expansion of vocabulary, the use of non-present tenses and verbal aspects, and somewhat more complex grammatical structures. **Prerequisite** FREN 1125. OSRHE Matrix: WL 120-FR. (5-0-5)

GEOGRAPHY

GEOG 1123 World Regional Geography is a survey of the earth and its peoples in developed and less-developed regions. Geographic literacy, important physical, cultural, economic, and political features of the world today, and place-name familiarity are emphasized. OSRHE Matrix GG 101. (3-0-3)

GOVERNMENT

GOV 1113 American National Government studies the principles, structure, processes and functions of the United States Federal government. Emphasis is placed on state origins, evolution of constitutionalism, and basic theories of American government. OSRHE Matrix PS 101. (3-0-3)

GOV 1303 State and Local Government is an introduction to the organization, structure functions, and administration of state and local governments. OSRHE Matrix PS 207. (3-0-3)

GOV 2013 Introduction to International Relations studies the core theories and basic concepts that political scientists use to understand world politics. Emphasis is placed on the different theoretical approaches, actors, and perspectives to International Relations, the historical context of contemporary International Relations, and on issues of war, national security, and globalization. OSRHE Matrix PS 203. (3-0-3)

GOV 2300 Special Projects in Government may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

HEALTH, PHYSICAL EDUCATION, AND RECREATION

HPER 1012 Wellness and Human Development covers the basic concepts relating to personal health and human development. It focuses on developing the student's ability to make informed lifestyle decisions that culminate in improved health and quality of life. (2-0-2)

HPER 1121 Basketball Participation is participation in varsity athletics. (Activity Course) (0-6-1)

HPER 1131 Baseball Participation is participation in varsity athletics. (Activity Course) (0-6-1)

HPER 1141 Tennis Participation is participation in varsity athletics. (Activity Course) (0-6-1)

HPER 1161 Golf Participation is participation in varsity athletics. (Activity Course) (0-6-1)

HPER 1171 Softball Participation is participation in varsity athletics. (Activity Course) (0-6-1)

HPER 1181 Volleyball Participation is participation in varsity athletics. (Activity Course) (0-6-1)

HPER 1191 Women's Fitness is designed to address weight and fitness training objectives and methods for women through a total conditioning regimen. In addition to addressing muscular strength and maximum muscular endurance, the course will address body fat reduction, flexibility improvement and cardiovascular conditioning. (Activity Course) (0-2-1)

HPER 1221 Dance Participation is participation as a member of the college dance and performance team. (Activity Course) (0-6-1)

HPER 1241 Yoga is an introductory yoga course developed for students of all fitness levels. Students will learn basic yoga postures, breathing and relaxation techniques designed to assist in increased flexibility, strengthen muscles and reduce stress level. (Activity Course) (0-2-1)

HPER 1953 Introduction to Health, Physical Education, and Recreation is a study of the past, present, and future status of the fields and their impact on society. Career opportunities are discussed. (3-0-3)

HPER 2053 Sociology of Sport is a systematic approach to demonstrating the relevance of sociological approaches to the understanding of sport and its impact on society. (3-0-3)

HPER 2111 Lifesaving Training covers senior lifesaving techniques and leads to the Red Cross lifesaving certificate. It is for swimmers who swim 100 yards demonstrating the following fundamental strokes: elementary backstroke, crawl, side and breast stroke. (Activity Course) (0-2-1)

HPER 2132 Officiating Rules and Procedures covers the rules and techniques of officiating sports of football, basketball, baseball and softball with general discussion of rules and procedures of other popular sports. (2-0-2)

HPER 2141 Aquatic Exercise is designed to introduce students to basic aquatic exercise. (Activity Course) (0-2-1)

HPER 2222 First Aid and CPR is designed to provide students with the knowledge and skills needed in situations that require emergency first aid. (2-0-2)

HPER 2233 Care & Prevention of Athletic Injuries covers symptoms of common athletic injuries and their immediate treatment and care. (3-0-3)

HPER 2262 Theory of Coaching is the study of the nature, scope and significance of the coaching profession. Emphasis is placed upon successful methods of athletic coaching philosophies of the past and present. This course includes discussions on the current and future status of the coaching fields and their impacts on society. (2-0-2)

HPER 2300 Special Projects in HPER may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

HPER 2321 Senior Citizen Aquatic Exercise is designed to provide swimming exercises and aquatic skills which help senior citizens increase strength, endurance, agility and flexibility. (Activity Course) (0-2-1)

HPER 2413 Applied Anatomy is a study of the structure and function of the human body with a special emphasis on study of anatomical structure and systems related to movement. (3-0-3)

HISTORY

HIST 1223 History of Native Americans to 1890 reviews American Indian tribal, individual, federal, state, and local histories and analyzes American Indian histories to 1890. OSRHE Matrix HS 010, AI 000. (3-0-3)

HIST 1243 History of Native Americans since 1890 examines American Indian tribal, individual, federal, state, local histories and analyzes American Indian histories 1891 to present. OSRHE Matrix HS 010, AI 000. (3-0-3)

HIST 1483 American History to 1877 illustrates the beginnings of American democracy, its growth, and the dilemmas posed by the American Civil War. OSRHE Matrix HS 005. (3-0-3)

HIST 1493 American History since 1877 illustrates the transition of the United States from an agricultural to an industrial nation, from isolationism to world power and leader of the democratic system. OSRHE Matrix HS 006. (3-0-3)

HIST 2113 The American West is a survey of the American West beginning with pre-history and continuing into European penetration and settlement through conquest. The course stresses political, economic, and social development and the emergence of the modern American West and its issues. OSRHE Matrix HS 014. (3-0-3)

HIST 2203 Native American History and Policy is a survey of the history of Native Americans in North America from before European contact to the present. Emphasis is on the social, economic, political, and legal policies of the period and their effects. Other areas include the contributions of Native Americans to the development of American society. OSRHE Matrix AI 000. (3-0-3)

HIST 2223 Early Western Civilization to 1660 covers the development of Western cultures from Antiquity to the Medieval/Renaissance Era. This course focuses on the roles of history, culture and the arts within civilization and satisfies a Seminole State College humanities requirement. **Also listed as HUM 2223.** OSRHE Matrix HH 001, HS 001. (3-0-3)

HIST 2233 Modern Western Civilization since 1660 covers the continued development of civilization from 1660 to the present day with emphasis on the evolution and problems of the modern world. This course focuses on the roles of history, culture and the arts within civilization and satisfies a Seminole State College humanities requirement. **Also listed as HUM 2233.** OSRHE Matrix HH, 002, HS 002. (3-0-3)

HIST 2300 Special Projects in History may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. OSRHE Matrix HS 055. (Varies)

HIST 2323 Social Science Issues as Perceived through Movies will focus on important social and political issues in American History from the Civil War until the present, and in particular how these issues are perceived and interpreted through movies. This course focuses on the roles of history, culture and the arts within civilization and satisfies a Seminole State College humanities requirement. **Also listed as HUM 2323.** (3-0-3)

HUMANITIES

NOTE: The courses under this heading will satisfy the Humanities general education requirements at Seminole State College towards an Associate Degree. If students transfer without an Associate's Degree, courses may not satisfy general education Humanities requirements at receiving institutions. The following courses may also be accepted for Humanities credit:

ART 1153, 1163, 1203, 2323
 ENG 2413, 2433, 2543, 2653, 2753, 2883
 JOUR 1123
 MUS 1213, 1223
 PHIL 1113
 SPCH 1523.

HUM 1103 The Life of Jesus is a literary examination of the birth, life, and death of Jesus of Nazareth. This course focuses on the roles of history, culture, and the arts during Jesus's lifetime and satisfies the Seminole State College humanities requirement. (3-0-3)

HUM 1113 Old Testament is a scholarly survey of Old Testament literature, with special attention given to literary form and historical background. This course focuses on the roles of history, culture, and the arts at the time of the Old Testament and satisfies the Seminole State College humanities requirement. (3-0-3)

HUM 1143 New Testament is a scholarly survey of New Testament literature, with special attention given to literary form, historical background, and religious messages. This course focuses on the roles of history, culture, and the arts at the time of the New Testament and satisfies the Seminole State College humanities requirement. (3-0-3)

HUM 2123 Multiculturalism through Film illustrates the diverse cultural aspects of the many societies in the world. The course will focus on how various sub-cultures have been perceived through film. Course focuses on the roles of history, culture and the arts within civilization. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix HH 005. (3-0-3)

HUM 2153 Crime, Delinquency, and Social Science Issues through Film illustrates the diverse levels of the criminal justice system to include delinquency and the social science issues crime generates and how Hollywood movies communicate ideas concerning crime and victimization. Course focuses on the roles of history, culture and the arts within civilization. This course satisfies a Seminole State College humanities requirement. **Also listed as SOC 2153.** (3-0-3)

HUM 2300 Special Projects in Humanities may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

HUM 2323 Social Science Issues as Perceived through Movies will focus on important social and political issues in American History from the Civil War until the present, and in particular how these issues are perceived and interpreted through movies. Course focuses on the roles of history, culture and the arts within civilization. This course satisfies a Seminole State College humanities requirement. **Also listed as HIST 2323.** OSRHE Matrix HH 005. (3-0-3)

HUM 2333 Leadership Development through the Classics has as its central focus the development of leadership skills. The course is designed to provide a basic understanding of leadership and group dynamics theory and to assist the student in developing an awareness of the moral and ethical responsibilities of leadership and a personal philosophy of leadership. The course integrates readings from classic works of literature and modern leadership theory with experiential learning exercises, the viewing of films which deal with leadership styles and class discussions. This course satisfies a Seminole State College humanities requirement. (3-0-3)

HUM 2343 Global Studies in Humanities is a course that involves on-site study of the art, culture and history of a country, group of countries or geographic region. The course includes pre-trip traditional lectures and writing. On-site activities include lectures, discussions, tours, and journal writings. This course satisfies a Seminole State College humanities requirement. The additional costs of the educational travel experience including the expenses associated with acquiring a valid US Passport are the responsibility of the student. (3-varies-3)

JOURNALISM

JOUR 1103 Reporting I covers principles and practices in evaluating and writing news for print media, including interviewing techniques. Practical application in writing articles through reporting assignments and/or laboratory experience for print media. OSRHE Matrix JR 002. (2-2-3)

JOUR 1123 Mass Communication is an introduction to theories and practices and focuses on the media's roles and influences in economics, politics, social changes and the evolution of interrelationships of media within society. These studies will include the development of the free press, its role in molding public opinion and the public's changing expectations of the media. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix JR 130. (3-0-3)

JOUR 1223 Photography I covers basic digital camera function including basic photographic techniques and digital applications. Students are responsible for providing a camera and supplies. OSRHE Matrix JR 050. (2-2-3)

JOUR 2300 Special Projects in Journalism may be one to three credit hours depending on the depth of the project. Projects may be in journalism or photography and require instructor permission. (Varies)

JOUR 2203 Photography II is a continuation of Photography I that covers intermediate-level photographic techniques and digital applications. Students are responsible for providing a camera and supplies. **Prerequisite:** JOUR 1223. OSRHE Matrix: JR 052. (2-2-3)

MATHEMATICS

MATH 0104 Basic Algebra (formerly Basic Math/Elementary Algebra) is a review of basic mathematics concepts with topics from operations of real numbers, ratio and proportion, percent, measurement, algebraic expressions, linear equations, applications of linear equations, inequalities and graphing, exponents, and polynomials. In addition to scheduled class time, course requires the completion of assignments in computer lab or via the internet. Students must pass with a "C" or better to move on to MATH 0123 or MATH 1413. (3-2-4)

MATH 0114 Elementary/Intermediate Algebra is a review of fractions, signed numbers, algebraic expressions, linear equations, applications of linear equations, inequalities and graphing, exponents, polynomials, special products, factoring, quadratic equations, applications of quadratic equations, rational expressions, roots and radicals, and complex numbers. In addition to scheduled class time, course requires the completion of assignments in computer lab or via the internet. Students must pass with a "C" or better to move on to MATH 1513. **Prerequisite:** ACT Math subscore of at least 15 or score of 60 or better on MSE Division Elementary Algebra Placement Test. (3-3-4)

MATH 0123 Intermediate Algebra is a study of factoring, quadratic equations, applications of quadratic equations, rational expressions, roots and radicals, and complex numbers. **Prerequisite:** ACT Math subscore of at least 17, "C" or better in MATH 0104, or score of 80 or better on MSE Division Elementary Algebra Placement Test. (3-0-3)

MATH 0321 Special Topics in Algebra is a study of factoring, quadratic equations, applications of quadratic equations, rational expressions, roots and radicals, and complex numbers. **Prerequisite:** MSE Division Math Rubric score of 20-29 or instructor permission. Corequisite: MATH 1413 or MATH 1513. (1-0-1)

MATH 1413 Mathematics in Society is a survey course that covers set theory, logic, functions and relations, history of numeration systems, probability, statistics, and geometry. Problem solving skills will be emphasized throughout the course. **Prerequisite:** ACT Math subscore of at least 19, "C" or better in MATH 0104, or a score of 80 or better on MSE Division Elementary Algebra Placement Test. OSRHE Matrix MA 201. (3-0-3)

MATH 1513 College Algebra covers fundamental operations, linear equations, inequalities, absolute value, binomial theorem, complex numbers, determinants, solution of higher degree equations, arithmetic and geometric progressions, and mathematical induction. **Prerequisite:** ACT Math subscore of at least 19, "C" or better in MATH 0114 or MATH 0123, or a score of 70 or better on MSE Division Intermediate Algebra Placement Test. OSRHE Matrix MA 203. (3-0-3)

MATH 1613 Plane Trigonometry covers trigonometric functions of the general angle, application to right triangle, identities, solutions of triangles, and logarithmic, trigonometric, and exponential equations. **Prerequisite:** Math 1513. OSRHE Matrix MA 204. (3-0-3)

MATH 2113 Mathematics Concepts for Educators I is a course designed to provide the foundations for teaching mathematics on the elementary level. Selected topics will include the origin of numerals and systems of numeration, sets and relations, and the structure and properties of the systems of the whole numbers, the integers, the rational numbers, and the real numbers. **Course does not satisfy general education mathematics requirement. Prerequisite:** ACT Math subscore of at least 19, "C" or better in MATH 0104, or a score of 80 or better on MSE Division Elementary Algebra Placement Test. OSRHE Matrix MA 302. (3-0-3)

MATH 2123 Math Concepts for Educators II is a course designed to provide foundations for teaching Mathematics on the elementary level. Selected topics include basic geometric ideas and notations, constructions, similarity, measurement, and motion geometry. Estimation, problem solving, and algebraic thinking are integrated throughout the course. **Course does not satisfy general education mathematics requirement. Prerequisite: ACT Math subscore of at least 19, "C" or better in MATH 0104, or a score of 80 or better on MSE Division Elementary Algebra Placement Test.** OSRHE Matrix MA 301. (3-0-3)

MATH 2133 Math Concepts for Educators III is a course designed to provide foundations for teaching Mathematics on the elementary level. Selected topics will include rational numbers, decimals and applications, real numbers, probability, and statistics. Estimation, problem solving, and algebraic thinking are integrated throughout the course. **Course does not satisfy general education mathematics requirement. Prerequisite: ACT Math subscore of at least 19, "C" or better in MATH 0104, or a score of 80 or better on MSE Division Elementary Algebra Placement Test.** OSRHE Matrix MA 303. (3-0-3)

MATH 2153 Elementary Statistics is an introductory course in statistical methods including basic statistical terminology, organization of data, measure of central tendency, probability distributions, hypothesis testing, and a variety of other statistical techniques. **Prerequisite: ACT Math subscore of at least 19, "C" or better in MATH 0114 or MATH 0123, or a score of 70 or better on MSE Division Intermediate Algebra Placement Test.** (3-0-3)

MATH 2213 Business Calculus is a study of differential and integral calculus with an emphasis on applications in the business and involves solving problems involving polynomial, exponential, and logarithmic functions. **Prerequisite: MATH 1613 (or concurrent enrollment) or instructor approval.** OSRHE Matrix MA 303, MA 602. (3-0-3)

MATH 2215 Calculus and Analytic Geometry I is a study of functions of one variable, rectangular coordinates, equations and properties of algebraic plane curves, limits, derivatives, differentials, antiderivatives, definite integrals, conic sections, and applications of derivatives and integrals. **Prerequisite: MATH 1613 (or concurrent enrollment) or instructor approval.** (5-0-5)

MATH 2300 Special Projects in Math may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

MATH 2424 Calculus and Analytic Geometry II is a study of the analysis of transcendental functions, polar coordinates, parametric equations and curvilinear motion, formal integration, approximate integration and improper integrals with applications. **Prerequisite: MATH 2215.** (4-0-4)

MATH 2434 Calculus and Analytic Geometry III is a study of indeterminate forms, infinite series, Taylor's formula and expansion of function, functions of several variables, analytic geometry of three dimensions, partial derivatives, and multiple integrals. **Prerequisite: MATH 2424.** (4-0-4)

MATH 2533 Differential Equations includes the study of first order differential equations, higher order linear equations, series of equations, the Laplace transform, numerical methods, and applications. **Prerequisite: MATH 2424 or instructor permission.** (3-0-3)

MEDICAL LABORATORY TECHNOLOGY

MLT 1113 Principles and Practice of Phlebotomy is a course for phlebotomy trainees and professionals new to the medical laboratory technology field who need to acquire phlebotomy skills, as well as acquire a comprehensive overview of the key areas of the clinical laboratory including specimen collection, specimen transport, processing and handling, quality control and professional behavior. Lectures and student labs will be completed on campus during a two week session. The clinical practicum requires the student to travel to a clinical affiliate to complete 100 hours of clinical experience and 100 successful phlebotomy procedures. Admittance to the SSC Phlebotomy Program required. Phlebotomy Program graduates will receive a certificate of Achievement and will be eligible to take the ASCP Board Certification PBT Exam. (1-2-3, plus 100 hours of clinical practicum)

MLT 1402 MLT Orientation is an introduction to the field of medical laboratory science including laboratory organization, ethics, and principles of laboratory safety as well as a study of medical terminology and mathematical tools commonly used in the laboratory. (2-0-2)

NOTE: Enrollment and completion of this course does not guarantee acceptance into the MLT Program. Students enrolled in this class are not considered accepted into the MLT Program until completion of this course and/or applications have been submitted and approved. Applicants will be notified of acceptance prior to enrollments for the following semester.

MLT 1412 Urinalysis and Body Fluids covers physical and chemical tests on urine and body fluids and microscopic study of cells and crystals. Permission required from the MLT Program Director. (2-2-2)

MLT 1515 Hematology covers the theory and practical application of hematology and homeostasis systems, and includes diagnostic tests performed on blood samples and testing for coagulation studies. Permission required from the MLT Program Director. (3-4-5)

MLT 1523 Instrumental Analysis is an introduction to the mathematical concepts of laboratory operations, and quality assurance involving pre-analytical, analytical, and post-analytical systems. Methods and principles of automation and laboratory information systems are covered. Permission required from the MLT Program Director. **Prerequisite: CHEM 1315. Corequisite: MLT 2455.** (2-2-3)

MLT 2101 MLT Capstone Seminar brings together all the ethical and technical applications taught in the MLT program. A discussion format, enhanced by speakers, role-playing, problem-solving and case studies will better prepare the graduate for employment in the health care industry. To be taken one time only, during the last semester prior to Clinical Practicum. Permission required from the MLT Program Director. (1-0-1)

MLT 2413 Hematology Clinical Practicum involves student spending 40 hours per week for four weeks in the Hematology Department of an affiliate laboratory. The time will include both observation and performance of tests under the supervision of a medical technologist. This practicum includes practice in routine hematology, phlebotomy, coagulation studies, urinalysis and body fluid analysis. Permission required from the MLT Program Director. **Prerequisites: All other program requirements. Corequisites: MLT 2423, MLT 2433, and MLT 2443.** (0-40-3)

MLT 2423 Clinical Chemistry Practicum involves student spending 40 hours per week for four weeks in the Clinical Chemistry Department of an affiliate laboratory. The time will include both observation and performance of tests under the supervision of a medical technologist. This practicum includes practice in the use of highly automated chemistry analyzers, instrument maintenance, troubleshooting and statistics of lab operations. Permission required from the MLT Program Director. **Prerequisites: All other program requirements.** **Corequisites: MLT 2413, MLT 2433, and MLT 2443.** (0-4-3)

MLT 2433 Microbiology Clinical Practicum involves student spending 40 hours per week for four weeks in the Microbiology Department of an affiliate laboratory. The time will include both observation and performance of tests under the supervision of a medical technologist. This practicum includes practice in inoculation, identification and susceptibility testing on a variety of biologic specimens, and mycology and parasitology practice. Permission required from the MLT Program Director. **Prerequisites: All other program requirements.** **Corequisites: MLT 2413, MLT 2423, and MLT 2443.** (0-4-3)

MLT 2434 Immunology and Blood Banking is a study of the antigen-antibody reaction and immune response and applications in serological testing and blood banking. Blood typing, antibody screening and identification, fetal screening and crossmatching are covered in detail. Prerequisite: Permission required from the MLT Program Director. (3-3-4)

MLT 2443 Blood Banking Clinical Practicum involves student spending 40 hours per week in the Blood Banking Department of an affiliate laboratory. The time will include both observation and performance of tests under the supervision of a medical technologist. This practicum includes practice in blood grouping, antibody screening and compatibility testing for transfusion of blood products. The affiliate laboratory may combine serology in any of the other departments, leaving the fifth week for a choice of weekend, evening or a special rotation of the student and instructor's choice. Permission required from the MLT Program Director. **Prerequisites: All other program requirements.** **Corequisites: MLT 2413, MLT 2423, and MLT 2433.** (0-4-3)

MLT 2455 Clinical Chemistry covers theory and specific tests used in diagnosing and monitoring disease states including manual and automated methods of performing chemical determinations. Permission required from the MLT Program Director. **Prerequisite: CHEM 1315; ANAT 2114 or BIOL 2214.** **Corequisite: MLT 1523.** (3-4-5)

MLT 2462 Medical Mycology and Parasitology covers culture and identification techniques and study of medically important fungi. Parasitology will be covered studying life cycles, mode of transmission and microscopic identification of medically important parasites. Permission required from the MLT Program Director. (2-2-2)

MLT 2564 Clinical Microbiology is the study limited to bacteria of medical importance to man. Emphasis is placed on specimen collection and processing, media, isolation and culture techniques, biochemical tests and staining techniques used in identification and susceptibility testing. Permission required from the MLT Program Director. **Prerequisite: MICR 2224.** (3-3-4)

MLT 2502 Certification Exam Review will prepare the recent MLT graduate and others wishing to take the national certification exam. The format covers all areas of the exam by answering and discussing questions in class. Additional computer programs and visual aids are available for study. Practice exams are given. Permission required from the MLT Program Director. Prerequisite: Completion of all MLT Program Courses and Clinical Practical. *This course is optional and not a program requirement. It is open to graduates of other MLT Programs and anyone eligible for the national certification exams.* (2-0-2)

MUSIC

MUS 1213 Music Appreciation I is a course for non-music majors designed to cultivate listening and appreciative attitudes toward music from 500 B.C. to the 19th century. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix HH 007, MU 001. (3-0-3)

MUS 1223 Music Appreciation II is a course for non-music majors designed to cultivate listening and appreciative attitudes toward music from the 19th century to the present. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix HH 007, MU 001. (3-0-3)

MUS 2303 Performance Techniques is a performing arts class designed to train students in musical performance. Performance Techniques may be repeated for up to six hours credit hours. Instructor permission required. OSRHE MU 230. (1-4-3)

NATIVE AMERICAN STUDIES

NAS 1233 Native American Cultural Expressions is a study of the introduction, exploration, comprehension, and analysis of American Indian ceremony, customs, and values, (social or political) and other areas of American Indian life. OSRHE Matrix AI 006, AN 310. (3-0-3)

NAS 1713 Seminole/Creek Language I is a study of the introduction, development, acquisition, practice, and maintenance of Oklahoma American Indian tribal languages. OSRHE Matrix AI 005. (3-0-3)

NAS 1714 Introduction to Seminole/Creek Language develops language comprehension to respond to commands and instructions, solicit language and interact at a basic level. The course will cover the fundamentals of basic vocabulary, reading and writing at an introductory level. The sequence of courses offered at SSC will be taught from the perspective of the Oklahoma Seminole dialect of Mvskoke while noting the differences that occur within the Creek dialect. Attention will be given to how everyday conversational or slang usage derives from the formal language. (4-0-4)

NAS 1815 Intermediate Seminole/Creek Language further develops vocabulary, commands, conversation, grammar, cultural knowledge, reading, and writing skills. The sequence of courses offered at SSC will be taught from the perspective of the Oklahoma Seminole dialect of Mvskoke while noting the differences that occur within the Creek dialect. Attention will be given to how everyday conversational or slang usage derives from the formal language. (3-0-3)

NAS 2213 Native American Contemporary Issues studies current federal, state, tribal, local, public and private, current American Indian issues, concerns, communication, developments, and positions. OSRHE Matrix AI 013, AN 410. (3-0-3)

NURSING

PSNC 1110 Home Health Aide Deeming prepares students to take the written and skill tests required for certification as a Home Health Aide. The student will participate in the care of the elderly and disabled residents within the home setting and laboratory practice. Instructor permission is required. **Prerequisite: Long Term Care Certification.** Non-credit class not eligible for financial aid. (1-0-1)

PSNC 3115 Long Term Care Aide prepares students to take the written and skill tests required for certification as a Long Term Care Aide. The student will participate in the care of the elderly and disabled residents within the long term care facility and laboratory practice. Instructor permission is required. **Non-credit class not eligible for financial aid.** (5-0-5)

NURS 1222 Applications of Clinical Microbiology is a lecture-based study of microorganisms of significance to man. Emphasis will be placed on infectious disease issues facing nurses in today's health care environment and laboratory practice. Major concepts to be included are aseptic technique; cycle of infection; drug resistance; appropriate specimen collection and handling; and diagnostic testing and immunizations. (2-0-2)

NURS 1421 Health Deviations I is the study of how normal physiological processes are altered by disease. Organization of material by body systems will be used in this course. Emphasis is placed on the most common and/or the most predominant diseases. Brief introduction/review of anatomy and physiology, identifying symptoms, associated laboratory tests, and implications for other body systems shall be included. Usual treatment modalities will also be covered. A systems approach is used to introduce the study of human diseases. Inclusion of course content is based on morbidity and mortality statistics reflecting prevalence of disease in the state of Oklahoma. **Prerequisite: BIOL 2214 Physiology. Corequisite: NURS 1528.** (1-0-1)

NURS 1512 Bridging to Associate Degree in Nursing is designed to facilitate the career mobility student's entrance into the Nursing Program at SSC. The class will focus on dosage calculation, basic nursing process and the Seminole State College Nursing curriculum and philosophy. Qualified LPN students that complete the course will enter the second semester of the program and will receive credit for the first semester of the program. (1-3-2)

NURS 1513 Introduction to Associate Degree in Nursing is designed to facilitate the career mobility student's advanced entrance into the Nursing Program. It includes extensive instruction and practice in the use of the nursing process. Additional focus is on philosophy and outcomes of the Nursing Program. (2-3-3)

NURS 1528 Nursing across the Life Span introduces nursing diagnoses important to the care of people in various stages of life. The course includes an introduction to nursing of children, maternal/child nursing, and nursing of adults in various settings. Human dimensions emphasized in this course include physical and social. Students begin the practice of independent planning and implementation of nursing care for individuals across the life span. Pharmacology is emphasized. (5-9-8)

NURS 1552 Skills and Clinical Interventions introduces technical nursing interventions that require psychomotor skills. The student will be required to attend all instructor demonstrations of skills, practice these skills in the clinical on-campus lab, and demonstrate competency in performance of selected skills. Off-campus laboratories are included to allow students to apply newly learned skills in an actual patient care setting. The student will be required to pass written exams, dosage calculations tests, and a skill competency skill test to successfully complete the course. (0-6-2)

NURS 1616 Introduction to Human Dimensions introduces the five dimensions of mankind. The course contains heavy emphasis on gathering assessment data which forms the basis for identifying human responses in each of the five dimensions. The course includes an introduction to man: human needs, human dimensions, the life cycle, communication, nutrition, culture and assessment skills necessary to nursing. The student will gain knowledge and practice in assessment across the life cycle. Basic technical skills will be practiced in the course including medication administration and dosage calculation. The nursing process and the role of the nurse will be included. (4-6-6)

NURS 2443 Medical Terminology is an introduction to medical terminology with emphasis on etiology, symptomology, pathology, and diagnostic procedures as related to health professions. It provides students with basic principles of medical word building, which, once learned, may be readily applied to building an extensive medical vocabulary. (3-0-3)

NURS 2519 Nursing Care in Health Disruptions introduces complex diagnoses from the nursing diagnosis taxonomy. Clinical experiences are primarily in the acute-care hospital, where the student practices, in collaboration with the clinical instructor, planning, implementation and evaluation of nursing care for both adults and children. Human dimensions emphasized in this course are Emotional and Cognitive. The student practices the management of care for multiple patients. Clinical experiences in acute mental illness are included. **Prerequisites: C or better in NURS 1421 and NURS 1528.** (5-12-9)

NURS 2521 Health Deviations II is a continuation of NURS 1421 using a systems approach to human diseases. Content is coordinated with NURS 2519. **Prerequisites: NURS 1421 and NURS 1528. Corequisite: NURS 2519.** (1-0-1)

NURS 2529 Nursing Care for Health Maintenance and Promotion emphasizes the provision of nursing care, including assessment, analysis planning, implementation, and evaluation, based on accepted nursing diagnoses. All human dimensions are addressed in this course with emphasis placed on the spiritual dimension. Health maintenance and promotion are also emphasized. Opportunities for students to master advanced problem-solving are provided throughout this course. Students also continue to practice management skills, delegation, and supervision. There is an additional emphasis on the attributes of the professional nurse. **Prerequisites: C or better in NURS 2519 and NURS 2521.** (4-15-9)

NURS 2531 Health Deviations III is a continuation of NURS 2521 using a systems approach to human diseases. Content is coordinated with NURS 2529. **Prerequisites: C or better in NURS 2519 and NURS 2521. Corequisite: NURS 2529.** (1-0-1)

NURS 2623 Nursing Capstone is designed to explore issues pertinent to entry into nursing practice. It includes a study of the roles and competencies of the associate degree nurse. Clinical opportunities will allow for practical experience in which students will apply theory presented throughout the entire program of study. Students will also complete a self-evaluation and complete an individualized ATI tutorial in preparation for taking the NCLEX-RN licensure exam. This course will be taken in the last semester of the program prior to graduation. **Corequisites: NURS 2529 and NURS 2531.** (1-6-3)

PHILOSOPHY

PHIL 1113 Philosophy is an introduction to major areas of philosophical studies. Students will examine the thinking of major philosophers and explore the traditional questions of philosophy about the nature of reality, knowledge, values, and humanity. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix PI 101. (3-0-3)

PHYSICAL SCIENCES

PHYS 1114 General Physical Science is a non-majors course that covers basic principles in the fields of physics, chemistry, and astronomy. **Prerequisite: ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading.** Corequisite: PHYS 1110 General Physical Science Lab. OSRHE Matrix GS 101. (3-2-4)

PHYS 1214 Earth Science is a non-majors course that presents concepts from the fields of geology, meteorology, and oceanography. **Prerequisite: ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading.** Corequisite: PHYS 1210 Earth Science Lab. OSRHE Matrix GS 110. (3-2-4)

PHYS 1314 Astronomy is a non-majors course that covers constellations, planetary motion, the evolution of the universe, nebulae, star clusters, variable stars, binary stars and quasi-stellar objects. **Prerequisite: ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading.** Corequisite: PHYS 1310 Astronomy Lab. OSRHE Matrix GS 121. (3-2-4)

PHYS 1414 Physical Geology is a non-majors course that studies the physiographic features of the earth, the agents and processes responsible for structural changes, and petrology. **Prerequisite: ACT Science subscore of at least 19 or clear basic academic skills deficiencies in elementary algebra and reading.** Corequisite: PHYS 1410 Physical Geology Lab. OSRHE Matrix GE 100. (3-2-4)

PHYS 2114 General Physics I is an algebra-based course that covers mechanics in one and two dimensions, thermodynamics and waves. **Prerequisites: MATH 1513.** Corequisite: PHYS 2110 Physics I Lab. OSRHE Matrix PH 120. (3-3-4)

PHYS 2211 Calculus Based Physics I utilizes the application of calculus to the solution of physics problems in each of the problem areas of General Physics I. **Prerequisite: MATH 2215 (or concurrent enrollment).** Corequisite: PHYS 2114. (1-0-1)

PHYS 2224 General Physics II is an algebra-based course that covers electricity, magnetism, and optics. **Prerequisite: MATH 1513.** Corequisite: PHYS 2220 Physics II Lab. OSRHE Matrix PH 130. (3-3-4)

PHYS 2231 Calculus Based Physics II utilizes the application of calculus to the solution of physics problems in each of the problem areas of General Physics II. **Prerequisite: MATH 2215 (or concurrent enrollment).** Co-requisite: PHYS 2224. (1-0-1)

PHYS 2300 Special Projects in Physical Sciences may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

PSYCHOLOGY

PSY 1103 Child Psychology presents an introduction to the principles of child behavior and development as a function of time and context. Cognitive, social and behavior issues are addressed in the contexts of parenting, school and community. Issues of special education, special populations and observational measures are reviewed within an initial supervised applied practicum experience. (3-0-3)

PSY 1113 General Psychology presents an introduction to the scientific principles governing the major domains of human behavior and cognition and their application. Ethical considerations are included. OSRHE Matrix PY 101. (3-0-3)

PSY 1123 Psychology of Adjustment will study the concepts and processes involved when individuals must adjust to changing personal and social environments. Discussions will include issues related to both healthy and maladaptive adjustment styles and how adjustment problems affect the lives, behavior, and personalities of individuals. OSRHE Matrix PY 108. (3-0-3)

PSY 2013 Personality Theories exams personality processes and the various theoretical approaches to the study of personality, such as psychodynamic, behavioral, phenomenological, trait, and social learning theories. OSRHE Matrix PY 104. (3-0-3)

PSY 2023 Developmental Psychology will cover social, emotional, physical and cognitive aspects of human development throughout the life span. Application of current scientific data and theory in the real world of infants, children, adolescents, adults and geriatric populations are emphasized. **Prerequisite: PSY 1113.** OSRHE Matrix PY 103. (3-0-3)

PSY 2053 Social Psychology is a study of the psychological basis of social interaction and change, this course covers topics such as conformity, social influence, social cognition, pro-social behavior, prejudice, group processes, interpersonal attraction, and social comparison. **Prerequisites: PSY 1113 and SOC 1113. Also listed as SOC 2053.** OSRHE Matrix PY 102. (3-0-3)

PSY 2300 Special Projects in Psychology may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

READING

See **ENG 0125 Fundamentals of Language Arts**

RUSSIAN

RUSS 1113 Conversational Russian is an introduction to the Russian language with a focus on listening and speaking. It provides intensive practice in Russian on topics of everyday Russian life. (3-0-3)

SOCIOLOGY

SOC 1003 Personal and Academic Success Skills is designed to help students develop skills and knowledge that contribute to personal and academic success. The nature and purpose of education, ways in which higher education relates to them, academic and intellectual competencies, principles of goal-setting, career development, and decision-making are included. The development of interpersonal relationship skills, a fuller sense of self-knowledge, a concept of wellness, and an integrated philosophy of life are also a focus of the course. (3-0-3)

SOC 1101 Freshman Seminar is designed to facilitate student success by providing basic information about attending Seminole State College and college in general, developing self-knowledge and interpersonal relationship skills, and initiating the process of career exploration and choosing a major field of study. Students will identify personal strengths to increase self-efficacy as it relates to persistence in college. Students will learn to assume responsibility for their academic decision-making and its relationship to success in college and in life. **The course must be taken within the first eighteen credit hours.** (1-0-1)

SOC 1113 Introduction to Sociology is a survey of the field of Sociology that provides an introduction to the field's basic terminology, fundamentals, theories, development of social institutions, and social processes. OSRHE Matrix SS 001. (3-0-3)

SOC 2033 Sociology of Religion is a study of the functional significance of religion in society, focusing on beliefs and practices as they relate to other social institutions and the society as a whole. OSRHE Matrix SS 067. (3-0-3)

SOC 2043 Human Sexuality is an introduction into the various components of human sexual response. OSRHE SS 044. (3-0-3)

SOC 2053 Social Psychology is a study of the psychological basis of social interaction and change. This course covers topics such as conformity, social influence, social cognition, pro-social behavior, prejudice, group processes, interpersonal attraction, and social comparison. **Prerequisite: PSY 1113 and SOC 1113. Also listed as PSY 2053.** OSRHE Matrix PY 102. (3-0-3)

SOC 2123 Social Problems is an exploration of the nature of social issues in contemporary society and the consideration of agencies of solutions. OSRHE Matrix SS 031. (3-0-3)

SOC 2143 Marriage and Family is an exploration of the patterns and purposes of courtship in the United States, an insight into early adjustments in marriage, and the development of family life. OSRHE Matrix SS 008. (3-0-3)

SOC 2153 Crime, Delinquency, and Social Science Issues through Film illustrates the diverse levels of the criminal justice system to include delinquency and the social science issues crime generates and how Hollywood movies communicate ideas concerning crime and victimization. **Also listed as HUM 2153.** (3-0-3)

SOC 2273 Introduction to Social Work provides student with an overview of social work as a profession, its historical development, and the knowledge, values and skills required for practice. Informed sensitivity to all aspects of human diversity is emphasized as well as the advocacy role of social workers with oppressed and devalued populations. History, development, and philosophy of the social welfare institution in U.S. society and the role of the profession are also explored. (3-0-3)

SOC 2300 Special Projects in Sociology may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. OSRHE Matrix SS 049, SS 050. (Varies)

SPANISH

SPAN 1125 Spanish I is an introduction to the productive (speaking and/or writing) and receptive (listening/visual comprehension) skills necessary for French. The course typically introduces vocabulary, pronunciation, and reading and writing of short, simple texts. Grammar is often confined to simple sentence structure and simple tenses. OSRHE WL-110-SP. (5-0-5)

SPAN 1225 Spanish II continues building of the productive and receptive skills appropriate to the language. This often includes expansion of vocabulary, the use of non-present tenses and verbal aspects, and somewhat more complex grammatical structures. **Prerequisite: SPAN 1125.** OSRHE Matrix WL 120-SP. (5-0-5)

SPAN 2103 Global Studies in Spanish is a course that involves on-site study of Spanish and the art, culture and history of a Spanish-speaking country, group of countries or geographic region. The course includes pre-trip traditional lectures and writing. On-site activities include lectures, discussions, tours, and journal writings. This course satisfies a Seminole State College humanities requirement. The additional costs of the educational travel experience including the expenses associated with acquiring a valid US Passport are the responsibility of the student. (3-varies-3)

SPEECH

SPCH 1143 Speech covers the principles and techniques of preparing for participating and evaluating communication behavior at the interpersonal and public level. OSRHE Matrix SP 020. (3-0-3)

SPCH 1523 Introduction to Theatre is a survey and analysis of theatre history, literature and practices relating the relevance of the theatre as a social force. Theatre is examined from the perspectives of audience, playwright, director, actor and designers. This course focuses on the roles of history, culture and the arts within civilization. This course satisfies a Seminole State College humanities requirement. OSRHE Matrix HH 008, TH 353. (3-0-3)

SPCH 1533 Acting I is the study of the fundamentals of acting. This course explores the physical, vocal, emotional, and technical aspects of the actor's craft. OSRHE Matrix TH 513. (3-0-3)

SPCH 2203 Small Group Communication focuses on the skills for participating in small group interaction. This course will address various aspects of task and social dimensions of group processes, such as group development, leadership, and verbal and nonverbal communication strategies. **Prerequisite: SPCH 1143.** OSRHE Matrix SP 040. (3-0-3)

SPCH 2231 Theatrical Production is laboratory work in departmental productions in any production activity. This class will focus on the production of one play, chosen by the students, during the semester. OSRHE Matrix: TH 311. (0-3-1)

SPCH 2243 Oral Interpretation is the theory and practice of the art of interpreting to an audience from the printed page, and works of literature in their intellectual, emotional, and aesthetic entirety. OSRHE Matrix: SP 070, TH 553. (3-0-3)

SPCH 2253 Argumentation and Debate studies and applies logic and argumentation in persuasion, and includes theories of argumentation and practical debate experience. **Prerequisite: SPCH 1143.** (3-0-3)

SPCH 2300 Special Projects in Speech may be one to three credit hours depending on the depth of the project. Project will be approved and supervised by instructor. Instructor permission required. (Varies)

College Staff Section X

ADMINISTRATION

JAMES W. UTTERBACK, Ph.D. (1997)

President

B.S., Southwestern Oklahoma State University, 1978

M.S., Southwestern Oklahoma State University, 1979

Ph.D., University of Northern Colorado, 1992

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A.A., Northeastern Oklahoma A&M, 1996

B.S., East Central University, 2000

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Director of Information Technology

Wes Watkins Career-Tech, 1998

A.S. Seminole State College 2007

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A.A., Seminole State College, 1991

B.A., University of Oklahoma, 1993

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