Continuing Education

Lamar State College-Port Arthur recognizes that providing lifelong learning opportunities is an integral part of its primary mission of teaching and community service. Continuing Education courses and programs are an extension of the traditional college learning process, available to community residents in appropriate subject areas where there is sufficient interest.

Non-credit, continuing education courses are generally open to anyone who is 18 or older, with provision for enrolling younger students under certain conditions.

Courses may be offered where there are qualified instructors, suitable facilities on or off campus, and sufficient demand. Various instructional methods and techniques are used to accomplish the objectives of the courses, including lecture, laboratory practice, seminars, workshops, conferences, and presentation via the Internet.

The College welcomes suggestions and requests for non-credit courses.

Course Descriptions

Academic Courses

Accounting (ACCT)

ACCT 2301 Principles of Financial Accounting I3:3:0

This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders' equity to communicate the business entity's results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners' equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS).
Prerequisite: Meet TSI college-readiness standard for Mathematics, Reading, and Writing; or equivalent

ACCT 2302 Principles of Managerial Accounting II 3:3:0

This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost control, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation.
Prerequisite: ACCT 2301 with grade of C.

Anthropology (ANTH)

ANTH 2346 General Anthropology 3:3:0

The study of human beings, their antecedents, related primates, and their cultural behavior and institutions. Introduces the major subfields: physical and cultural anthropology, archeology, linguistics, their applications, and ethics in the discipline.
Prerequisite: Basic skills competency in reading.

ANTH 2351 Cultural Anthropology 3:3:0

The study of human cultures. Topics may include social organization, institutions, diversity, interactions between human groups, and ethics in the discipline.
Prerequisite: Basic skills competency in reading.

Art (ARTS)

ARTS 1301 Art Appreciation 3:3:0

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art (painting, sculpture, architecture) within formal, cultural, and historical contexts.

ARTS 1303 Art History I (Prehistoric to 14th Century) 3:3:0

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century. Primarily an examination of Western painting, sculpture, architecture and related visual arts from prehistoric times to the end of the Gothic Period in the late Middle Ages. May be taken in either year of this curriculum.

ARTS 1304 Art History II (14th Century to the Present).....3:3:0

A chronological analysis of the historical and cultural contexts of the visual arts from the 14th century to the present day. Primarily an examination of Western

painting, sculpture, architecture and related visual arts from the early Renaissance to the present. May be taken in either year of this curriculum.

ARTS 1311 Design I (2-Dimensional).....3:3:0

An introduction to the fundamental terminology, concepts, theory, and application of two-dimensional design creating a visual interpretation of cultural expression.

ARTS 1312 Design II (3-Dimensional) 3:3:0

An introduction to the fundamental terminology, concepts, theory, and application of three-dimensional design in creating a visual interpretation of cultural expression.

ARTS 1316 Drawing I 3:2:4

A foundation studio course exploring drawing with emphasis on descriptive, expressive and conceptual approaches. Students will learn to see and interpret a variety of subjects while using diverse materials and techniques which promote the appreciation of cultural expression. Course work will facilitate a dialogue in which students will engage in critical analysis and begin to develop their understanding of drawing as a discipline.

ARTS 1317 Drawing II 3:2:4

A studio course exploring drawing with continued emphasis on descriptive, expressive and conceptual approaches. Students will further develop the ability to see and interpret a variety of subjects while using diverse materials and techniques which promote the appreciation of cultural expression. Course work will facilitate a dialogue in which students will employ critical analysis to broaden their understanding of drawing as a discipline.
Prerequisite: ARTS 1316.

ARTS 2311 Design III (2-D, 3-D, color, or combination) 3:3:0

Elements and principles of arts using two- and three-dimensional concepts
Prerequisite: ARTS 1311 or ARTS 1312

ARTS 2313 Design Communications I 3:3:0

Communication of ideas through processes and techniques of graphic design and illustration, creating a visual interpretation of cultural expression.

ARTS 2314 Design Communications II 3:3:0

Further communication of ideas through processes and techniques of graphic design and illustration, creating a visual interpretation of cultural expression.
Prerequisite: ARTS 2313

ARTS 2316 Painting I 3:2:4

Exploration of ideas using painting media and techniques, creating a visual interpretation of cultural expression leading to an appreciation of works of the human imagination.

ARTS 2317 Painting II 3:2:4

Further exploration of ideas using painting media and techniques creating a visual interpretation of cultural expression leading to an appreciation of works of the human imagination.
Prerequisite: ARTS 2316

ARTS 2323 Life Drawing I 3:2:4

Basic study of the human form
Prerequisite: ARTS 1317.

ARTS 2348 Digital Art I 3:3:0

Studio art courses that explore the potential of the computer hardware and software medium for their visual, conceptual, and practical uses in the visual arts which express the human condition across cultures.

ARTS 2349 Digital Art II 3:3:0

Studio art courses that further explores the potential of the computer hardware and software medium for their visual, conceptual, and practical uses in the visual arts.

Business Computer Information Systems (BCIS)

BCIS 1305 Business Computer Applications 3:2:4

Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, presentation graphics, and business-oriented utilization of the internet.
Prerequisite: Basic skills competency in reading, writing and math.

Business (BUSI)

BUSI 1301 Business Principles 3:3:0

This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making processes. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and international business. Emphasized is the dynamic role of business in everyday life.
Prerequisite: Basic skills competency in reading.

Biology (BIOL)

BIOL 1322 Nutrition & Diet Therapy 3:3:0

This course introduces general nutritional concepts in health and disease and includes practical applications of

that knowledge. Special emphasis is given to nutrients and nutritional processes including functions, food sources, digestion, absorption, and metabolism. Food safety, availability, and nutritional information including food labels, advertising, and nationally established guidelines are addressed. (Cross-listed as HECO 1322)

Prerequisite: Basic skills competency in reading and math required.

BIOL 1406 Biology for Science Majors I (lecture + lab) 4:3:2

Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included.
Prerequisite: Basic skills competency in reading, writing, and math.
Recommended prerequisite: Math 1314.

BIOL 1407 Biology for Science Majors II (lecture + lab).....4:3:2

The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Laboratory activities will reinforce study of the diversity and classification of life, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals.
Prerequisite: BIOL 1406, Basic skills competency in reading, writing, and math.
Recommended prerequisite: Math 1314.

BIOL 2401 Anatomy and Physiology I (lecture + lab).....4:3:2

Anatomy and Physiology I is the first part of a two course sequence. It is a study of the structure and function of the human body including cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include integumentary, skeletal, muscular, nervous, and special senses. *Prerequisite: Basic skills competency in reading, writing and math*

BIOL 2402 Anatomy & Physiology II (lecture + lab) 4:3:2

Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics) *Prerequisite: BIOL 2401 with a grade of C or better.*

BIOL 2420 Microbiology for Non-Science Majors (lecture + lab) 4:3:2

This course covers basic microbiology and immunology and is primarily directed at pre-nursing, pre-allied health, and non-science majors. It provides an introduction to historical concepts of the nature of microorganisms, microbial diversity, the importance of microorganisms and acellular agents in the biosphere, and their roles in human and animal diseases. Major topics include bacterial structure as well as growth, physiology, genetics, and biochemistry of microorganisms. Emphasis is on medical microbiology, infectious diseases, and public health. The lab covers basics of culture and identification of bacteria and microbial ecology. This course is primarily directed at pre-nursing and other pre-allied health majors and covers basics of microbiology. Emphasis is on medical microbiology, infectious diseases, and public health.
Prerequisites: BIOL 2401 and BIOL 2402.

Chemistry (CHEM)

CHEM 1405 Introductory Chemistry I (lecture + lab) 4:3:2

Survey course introducing chemistry. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry. Designed for students who are not science majors.
Prerequisite: Basic skills competency in reading, writing and math.

CHEM 1407 Introductory Chemistry II (lecture + lab) 4:3:2

For non-science majors. Continuation of CHEM 1405. Survey course introducing chemistry. Topics may include inorganic, organic, biochemistry,

food/physiological chemistry, and environmental/consumer chemistry.
Prerequisite: CHEM 1411 or 1405.

CHEM 1406 Introductory Chemistry I (lecture + lab, allied health emphasis).....4:3:2

Survey course introducing chemistry. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry. Designed for allied health majors.
Prerequisite: Basic skill competency in reading, writing and math.

CHEM 1411 General Chemistry I (lecture + lab) 4:3:3

Fundamental principles of chemistry for majors in the sciences, health sciences, and engineering; topics include measurements, fundamental properties of matter, states of matter, chemical reactions, chemical stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of gases, and an introduction to thermodynamics and descriptive chemistry. Basic laboratory experiments supporting theoretical principles presented in lecture; introduction of the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports.
Prerequisite: MATH 1314 College Algebra or equivalent academic preparation. High school chemistry is strongly recommended

CHEM 1412 General Chemistry II (lecture + lab) 4:3:3

A continuation of CHEM 1411. Chemical equilibrium; phase diagrams and spectrometry; acid-base concepts; thermodynamics; kinetics; electrochemistry; nuclear chemistry; an introduction to organic chemistry and descriptive inorganic chemistry. Basic laboratory experiments supporting theoretical principles presented in lecture; introduction of the scientific method, experimental design, chemical instrumentation, data collection and analysis, and preparation of laboratory reports.
Prerequisite: CHEM 1411.

CHEM 2423 Organic Chemistry I (lecture + lab) 4:3:4

Fundamental principles of organic chemistry will be studied, including the structure, bonding, properties, and reactivity of organic molecules; and properties and behavior of organic compounds and their derivatives. Emphasis is placed on organic synthesis and mechanisms. Includes study of covalent and ionic bonding, nomenclature, stereochemistry, structure and reactivity, reaction mechanisms, functional groups, and synthesis of simple molecules. THIS COURSE IS INTENDED FOR STUDENTS IN SCIENCE OR PRE-PROFESSIONAL PROGRAMS. Laboratory activities will reinforce fundamental principles of organic chemistry, including the structure, bonding, properties, and reactivity of organic molecules; and properties and behavior of organic compounds and their derivatives. Emphasis is placed on organic synthesis and mechanisms. Includes study of covalent and ionic bonding, nomenclature, stereochemistry, structure and reactivity, reaction mechanisms, functional groups, and synthesis of simple molecules. Methods for the purification and identification of organic compounds will be examined.
Prerequisite: CHEM 1412.

CHEM 2425 Organic Chemistry II (lecture + lab) 4:3:4

A continuation of CHEM 2423. Advanced principles of organic chemistry will be studied, including the structure, properties, and reactivity of aliphatic and aromatic organic molecules; and properties and behavior of organic compounds and their derivatives. Emphasis is placed on organic synthesis and mechanisms. Includes study of covalent and ionic bonding, nomenclature, stereochemistry, structure and reactivity, reaction mechanisms, functional groups, and synthesis of simple molecules. THIS COURSE IS INTENDED FOR STUDENTS IN SCIENCE OR PRE-PROFESSIONAL PROGRAMS. Laboratory activities reinforce advanced principles of organic chemistry, including the structure, properties, and reactivity of aliphatic and aromatic organic molecules; and properties and behavior of organic compounds and their derivatives. Emphasis is placed on organic synthesis and mechanisms. Includes study of covalent and ionic bonding, nomenclature, stereochemistry, structure and reactivity, reaction mechanisms, functional groups, and synthesis of simple molecules.
Prerequisite: CHEM 2423.

Computer Science (COSC)

COSC 1301 Introduction to Computing.....3:2:4

Overview of computer systems—hardware, operating systems, and microcomputer application software, including the Internet, word processing, spreadsheets, presentation graphics, and databases. Current issues such as the effect of computers on society, and the history and use of computers in business, educational, and other modern settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science.
Prerequisite: Basic skills competency in reading.

Criminal Justice (CRIJ)

CRIJ 1301 Introduction to Criminal Justice 3:3:0

This course provides a historical and philosophical overview of the American criminal justice system, including the nature, extent, and impact of crime; criminal law; and justice agencies and processes.
Prerequisite: Basic skills competency in reading.

CRIJ 1306 Courts Systems and Practices 3:3:0

This course is a study of the court system as it applies to the structures, procedures, practices and sources of law in American courts, using federal and Texas statutes and case law.
Prerequisite: Basic skills competency in reading.

CRIJ 1310 Fundamentals of Criminal Law 3:3:0

This course is the study of criminal law including application of definitions, statutory elements, defenses and penalties using Texas statutes, the Model Penal Code, and case law. The course also analyzes the philosophical and historical development of criminal law and criminal culpability.
Prerequisite: Basic skills competency in reading.

CRIJ 2313 Correctional Systems and Practices 3:3:0

This course is a survey of institutional and non-institutional corrections. Emphasis will be placed on the organization and operation of correctional systems; treatment and rehabilitation; populations served; Constitutional issues; and current and future issues.
Prerequisite: Basic skills competency in reading.

CRIJ 2328 Police Systems and Practices 3:3:0

This course examines the establishment, role and function of police in a democratic society. It will focus on types of police agencies and their organizational structure, police-community interaction, police ethics, and use of authority.
Prerequisite: Basic skills competency in reading.

Drama (DRAM)

DRAM 1161 Introduction to Musical Theater 1:0:4

Study and performances of works from the musical theater repertoire. (Cross-listed as MUSI 1159) An introductory study and performance of works from the musical theater repertoire, with practical experience in participating in a full theater production. Open by audition or consent of the instructor to students from all departments who are interested in musical theater production.

DRAM 1162 Musical Theater II 1:0:4

Study and performance of works from the musical theater repertoire.

DRAM 1310 Introduction to Theater 3:3:0

Survey of theater including its history, dramatic works, stage techniques, production procedures and relation to other art forms. Participation in productions may be required. Emphasis on observation and appreciation of various types and styles of plays, knowledge of the functions of the personnel and other elements of theater production including its history, dramatic works, stage techniques, production procedures and its relation to the fine arts.

DRAM 1320 Theater Practicum I 3:2:3

Practicum in theater open to all students with emphasis on technique and procedures with experience gained in play productions.
A student may not take more than nine hours of theater practicum.

DRAM 1321 Theater Practicum II 3:2:3

Practicum in theater open to all students with emphasis on technique and procedures with experience gained in play productions.
A student may not take more than nine hours of theater practicum.

DRAM 1330 Stagecraft I.....3:2:3

Study and application of the methods and components of theatrical production which may include one or more of the following: theater facilities, scenery construction and painting, properties, lighting, costume, makeup, sound, and theatrical management. Additional topics may include: basic course on handling and construction of scenery, the care of stage properties and theatrical terminology and the study and application of visual aesthetics of design which may include hands-on experience in the physical theater.
Prerequisite: Basic skills competency in reading required.

DRAM 1351 Acting I 3:2:3

An introduction to the fundamental principles and tools of acting as used in auditions, rehearsals, and performances. This may include ensemble performing, character and script analysis, and basic theater terminology. This exploration will emphasize the development and analysis of the actor's instrument: voice, body and imagination as a means of interpreting human creativity and social expression.
Prerequisite: Basic skills competency in reading required.

DRAM 1352 Acting II 3:2:3

Exploration and further training within the basic principles and tools of acting, including an emphasis on critical analysis of oneself and others. The tools include ensemble performing, character and script analysis, and basic theater terminology. This will continue the exploration of the development of the actor's instrument: voice, body and imagination as a means of interpreting human creativity and social expression.
Prerequisite: Basic skills competency in reading required.

DRAM 2120 Theater Practicum III 1:0:4

Practicum in theater open to all students with emphasis on technique and procedures with experience gained in play productions Laboratory instruction in production techniques in scenery, lighting, costumes and other technical areas. Course may be taken three times for a total of three semester hours.
A student may not take more than nine hours of theater practicum.

DRAM 2121 Theater Practicum IV..... 1:0:4

Practicum in theater open to all students with emphasis on technique and procedures with experience gained in play productions Laboratory instruction in production techniques in scenery, lighting, costumes and other technical areas. Course may be taken three times for a total of three semester hours.
A student may not take more than nine hours of theater practicum.

DRAM 2336 Voice for the Theater.....3:3:0

Application of the performer's use of the voice as a creative instrument of effective communication. Encourages an awareness of the need for vocal proficiency and employs techniques designed to improve the performer's speaking abilities. Builds vocal development, vocabulary and pronunciation through exercises and analysis of the application of the performer's use of the voice as a creative instrument of effective communication and cultural expression.

DRAM 2351 Acting III 3:3:0

Development of basic skills and techniques of acting including increased sensory awareness, ensemble performing, character analysis, and script analysis. Emphasis on the mechanics of voice, body, emotion, and analysis as tools for the actor. A continuation of acting with emphasis on various styles of acting.
Prerequisite: Basic skills competency in reading required.

DRAM 2352 Acting IV 3:3:0

Development of basic skills and techniques of acting including increased sensory awareness, ensemble performing, character analysis, and script analysis. Emphasis on the mechanics of voice, body, emotion, and analysis as tools for the actor. A continuation of the study of the principles and practices of acting.
Prerequisite: Basic skills competency in reading required.

DRAM 2361 History of the Theater I 3:3:0

Study of the history of the theater from primitive times through the Renaissance.

Economics Courses (ECON)

ECON 2301 Principles of Macroeconomics 3:3:0

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.
Prerequisite: Basic skills competency in reading, writing, and math.

ECON 2302 Principles of Microeconomics..... 3:3:0

Analysis of the behavior of individual economic agents, including consumer behavior and demand, producer behavior and supply, price and output decisions by firms under various market structures, factor markets, market failures, and international trade.
Prerequisite: Basic skills competency in reading, writing, and math.

Education (EDUC)

EDUC 1100 Learning Framework.....1:1:0

A study of the research and theory in the psychology of learning, cognition, and motivation, factors that impact learning, and application of learning strategies. The course assists the student in making adequate social and personal adjustments to college life, developing educational and career goals, and becoming familiar with institutional curricula and policies. It includes techniques for time management, note taking, and preparing for exams. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners.

This course is in the Core Curriculum and is required of all students pursuing an academic transfer curriculum. This course is also required of all students pursuing a technical degree if they are enrolled in developmental courses and have not completed 15 hours of college-level work. *It is highly recommended that students take this course in their first semester of college.* **(Cross-listed as PSYC 1100)**

EDUC 1300 Learning Framework.....3:3:0

Study of the 1) research and theory in the psychology of learning, cognition and motivation; 2) factors that impact learning; and 3) application of learning strategies. Students use assessment instruments (learning inventories) to identify their strengths and weaknesses as learners. Develops skills and techniques necessary for success in college including memory development, note-taking, test preparation, study skills and time management. Assists the student in making adequate

social and personal adjustments to college life, developing educational and career goals, and becoming familiar with institutional curricula and policies. Includes techniques for time management, note taking, and preparing for exams. Stresses the importance of creativity, health, relationships and the effective use of resources in achieving college success. All students who have passed fewer than 60 semester hours and finished the immediate two long semesters on scholastic probation are required to enroll in and pass the course. Recommended for all students desiring to improve their opportunities for success in college. A passing grade must be earned to meet the institutional requirement. May count for elective credit in selected degree and certificate programs. Students who fail a developmental course must take either EDUC 1300 or PSYC 1300.

EDUC 1301 Introduction to the Teaching Profession 3:3:1

An enriched integrated pre-service course and content experience that provides active recruitment and institutional support of students interested in a teaching career, especially in high-need fields; provides students with opportunities to participate in early field observations at all levels (P–12) with varied and diverse student populations; and provides students with support from college and school faculty, preferably in small cohort groups, for the purpose of introduction to and analysis of the culture of schooling and classrooms. Course content is aligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities standards; and must include a minimum of 16 contact hours of field experience in P–12 classrooms. Students must pass a criminal background check in order to participate in field experience. Students who do not provide this documentation during the first week of class will be dropped.
Prerequisite: Basic skills competency in reading, writing, and math.

EDUC 2301 Introduction to Special Populations....3:3:1

An enriched integrated pre-service course and content experience providing an overview of schooling and classrooms from the perspectives of language, gender, socio-economic status, ethnic and academic diversity and equity with emphasis on factors that facilitate learning; provides students with opportunities to participate in early field observations of P–12 special populations. Course content is aligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities standards; and must include 16 contact hours of field experience in P–12 classrooms with special populations. Students must pass a criminal background check in order to participate in field experience. Students who do not provide this documentation during the first week of class will be dropped.
Prerequisite: EDUC 1301 and basic skills competency in reading, writing, and math.

English (ENGL)

ENGL 1301 Composition I 3:3:0

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.
Prerequisite: basic skills competency in reading and writing required.

ENGL 1302 Composition II 3:3:0

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.
Prerequisite: ENGL 1301 or its equivalent
Note: Students whose degree plan requires both English 1301 and 1302 must take these courses in sequence.

ENGL 2307 Creative Writing I 3:3:0

Practical experience in the techniques of imaginative writing. May include fiction, nonfiction, poetry, screenwriting, or drama.
Prerequisite: Basic skills competency in reading and writing required.

ENGL 2311 Technical Writing 3:3:0

Intensive study of and practice in professional settings. Focus on the types of documents necessary to make decisions and take action on the job, such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services. Practice individual and collaborative processes involved in the creation of ethical and efficient documents.
Prerequisite: ENGL 1301 (Composition I)

ENGL 2321 British Literature 3:3:0

A survey of the development of British literature from the Anglo-Saxon period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions.
Prerequisite: ENGL 1301

ENGL 2326 American Literature 3:3:0

A survey of American literature from the period of exploration and settlement to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors

for what they reflect and reveal about the evolving American experience and character.
Prerequisite: ENGL 1301

ENGL 2331 World Literature 3:3:0

A survey of world literature from the ancient world to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

ENGL 2341 Forms of Literature 3:3:0

The study of one or more literary genres including, but not limited to, poetry, fiction, drama and film.
Prerequisite: ENGL 1301

Geography (GEOG)

GEOG 1302 Human Geography 3:3:0

This course introduces students to fundamental concepts, skills, and practices of human geography. Place, space, and scale serve as a framework for understanding patterns of human experience. Topics for discussion may include globalization, population and migration, culture, diffusion, political and economic systems, language, religion, gender, and ethnicity.

Geology (GEOL)

GEOL 1403 Physical Geology (lecture and lab).....4:3:2

Introduction to the study of the materials and processes that have modified and shaped the surface and interior of Earth over time. These processes are described by theories based on experimental data and geologic data gathered from field observations. Laboratory activities will cover methods used to collect and analyze earth science data.

GEOL 1404 Historical Geology (lecture and lab)....4:3:2

A comprehensive survey of the history of life and major events in the physical development of Earth as interpreted from rocks and fossils. Laboratory activities will introduce methods used by scientists to interpret the history of life and major events in the physical development of Earth from rocks and fossils.
Prerequisite: GEOL 1403 or consent of instructor.

Home Economics (HECO)

HECO 1322 Nutrition & Diet Therapy 3:3:0

This course introduces general nutritional concepts in health and disease and includes practical applications of that knowledge. Special emphasis is given to nutrients and nutritional processes including functions, food sources, digestion, absorption, and metabolism. Food safety, availability, and nutritional information including food labels, advertising, and nationally established guidelines are addressed. (Cross-listed as BIOL 1322)

Prerequisite: Basic skills competency in reading and math required.

Government (GOVT)

GOVT 2305 Federal Government (Federal constitution & topics).....3:3:0

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.
Prerequisite: Basic skills competency in reading and writing required.

GOVT 2306 Texas Government (Texas constitution & topics) 3:3:0

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.
Prerequisite: Basic skills competency in reading and writing required.

History (HIST)

HIST 1301 United States History I.....3:3:0

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.
Prerequisite: Basic skills competency in reading and writing required.

HIST 1302 United States History II 3:3:0

A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.
Prerequisite: Basic skills competency in reading and writing required.

HIST 2301 Texas History 3:3:0

A survey of the political, social, economic, cultural, and intellectual history of Texas from the pre-Columbian era to the present. Themes that may be addressed in Texas History include: Spanish colonization and Spanish Texas; Mexican Texas; the Republic of Texas; statehood and secession; oil, industrialization, and urbanization; civil rights; and modern Texas.
Prerequisite: Basic skills competency in reading and writing required.

HIST 2321 World Civilizations I.....3:3:0

A survey of the social, political, economic, cultural, religious, and intellectual history of the world from the emergence of human cultures through the 15th century. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include the emergence of early societies, the rise of civilizations, the development of political and legal systems, religion and philosophy, economic systems and trans-regional networks of exchange. The course emphasizes the development, interaction and impact of global exchange.
Prerequisite: Basic skills competency in reading and writing required.

HIST 2322 World Civilizations II 3:3:0

A survey of the social, political, economic, cultural, religious, and intellectual history of the world from the 15th century to the present. The course examines major cultural regions of the world in Africa, the Americas, Asia, Europe, and Oceania and their global interactions over time. Themes include maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. The course emphasizes the development, interaction and impact of global exchange.
Prerequisite: Basic skills competency in reading and writing required.

Kinesiology (KINE)

KINE 1238 Introduction to Physical Fitness & Sport 2:1:2

Orientation to the field of physical fitness and sports. Includes the study and practice of activities and principles that promote physical fitness, including team sports.

KINE 1301 Introduction to Physical Fitness & Sports 3:3:0

Orientation to the field of physical fitness and sport. Includes the study and practice of activities and principles that promote physical fitness.

KINE 1304 Personal/Community Health I 3:3:0

This course provides an introduction to the fundamentals, concepts, strategies, applications, and

contemporary trends related to understanding personal and/or community health issues. This course also focuses on empowering various populations with the ability to practice healthy living, promote healthy lifestyles, and enhance individual well-being.

KINE 1306 First Aid 3:3:0

Instruction and practice for emergency care. Designed to enable students to recognize and avoid hazards within their environment, to render intelligent assistance in case of accident or sudden illness, and to develop skills necessary for the immediate and temporary care of the victim. Successful completion of the course may enable the student to receive a certificate from a nationally recognized agency.

KINE 1321 Coaching/Sports/Athletics I 3:2:2

Study of the history, theories, philosophies, rules, and terminology of competitive sports. Includes coaching techniques.

KINE 1322 Coaching/Sports/Athletics II 3:2:2

Study of the history, theories, philosophies, rules and terminology of competitive sports. Includes coaching techniques.

KINE 1336 Introduction to Recreation 3:3:0

Fundamental theory and concepts of recreational activities with emphasis on programs, planning, and leadership.

KINE 1337 Introduction to Recreation 3:3:0

Fundamental theory and concepts of recreational activities with emphasis on programs, planning, and leadership.

KINE 1338 Concepts of Physical Fitness 3:2:2

Concepts and use of selected physiological variables of fitness, individual testing and consultation, and the organization of sports and fitness programs.

KINE 2156 Taping & Bandaging.....1:1:0

Fundamental taping and bandaging techniques used in the prevention and care of athletic injuries.

KINE 2356 Care and Prevention of Athletic Injuries 3:3:0

Prevention and care of athletic injuries with emphasis on qualities of a good athletic trainer, avoiding accidents and injuries, recognizing signs and symptoms of specific sports injuries and conditions, immediate and long-term care of injuries, and administration procedures in athletic training.

Mathematics (MATH)

MATH 1314 College Algebra.....3:3:0

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Prerequisite: MATH 0332 or satisfactory score on approved test.

MATH 1316 Plane Trigonometry.....3:3:0

In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included.

Prerequisite: MATH 1314

MATH 1325 Calculus for Business & Social Sciences 3:3:0

This course is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions, with emphasis on applications in business, economics, and social sciences. This course is not a substitute for MATH 2413, Calculus I.

Prerequisite: MATH 1314 or equivalent.

MATH 1332 Contemporary Mathematics I (Math for Liberal Arts Majors I) 3:3:0

Topics may include introductory treatments of sets, logic, number systems, number theory, relations, functions, probability and statistics. Appropriate applications are included.

Prerequisite: MATH 0332 or a passing score on an approved placement test.

MATH 1333 Contemporary Mathematics II (Math for Liberal Arts Majors II) 3:3:0

Topics may include introductory treatments of sets, logic, number systems, number theory, relations, functions, probability and statistics. Appropriate applications are included.

Prerequisite: MATH 1332 or MATH 1314.

MATH 1342 Elementary Statistical Methods (freshman level) 3:3:0

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended.

Prerequisite: MATH 1314 or its equivalent.

MATH 1350 Fundamentals of Mathematics I 3:3:0

Concepts of sets, functions, numeration systems, number theory and properties of the natural numbers, integers, rational and real number systems with an emphasis on problem solving and critical thinking. This course is designed specifically for students who seek middle grade (4-8) teacher certification. Course also may be appropriate for early childhood education majors.

Prerequisite: MATH 1314 or its equivalent.

MATH 1351 Fundamentals of Mathematics II 3:3:0

Concepts of geometry, probability and statistics as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. The course is designed for students who seek middle grade (4-8) teacher certification and is a required part of the approved field of study curriculum for middle grades certification. The course also may be appropriate for early childhood education majors.
Prerequisite: MATH 1314, MATH 1350 or the equivalent.

MATH 2305 Discrete Mathematics 3:3:0

A course designed to prepare math, computer science, and engineering majors for a background in abstraction, notation, and critical thinking for the mathematics most directly related to computer science. Topics include: logic, relations, functions, basic set theory, countability and counting arguments, proof techniques, mathematical induction, combinatorics, discrete probability, recursion, sequence and recurrence, elementary number theory, graph theory, and mathematical proof techniques.
Prerequisite: MATH 2413 - Calculus I

MATH 2312 Pre-Calculus Math.....3:3:0

In-depth combined study of algebra, trigonometry, and other topics for calculus readiness.
Prerequisite: MATH 1314 or departmental approval.

MATH 2413 Calculus I.....4:4:0

Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas.
Prerequisite: MATH 2312 or its equivalent.

MATH 2414 Calculus II 4:4:0

Differentiation and integration of transcendental functions; parametric equations and polar coordinates; techniques of integration; sequences and series; improper integrals.
Prerequisite: MATH 2413 or its equivalent.

Philosophy (PHIL)

PHIL 1301 Introduction to Philosophy 3:3:0

A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications.
Prerequisite: Basic skills competency in reading and writing required.

PHIL 1304 Introduction to World Religions 3:3:0

A comparative study of world religions, including but not limited to Hinduism, Buddhism, Judaism, Christianity, and Islam.

PHIL 2303 Introduction to Formal Logic 3:3:0

The purpose of the course is to introduce the student to symbolic logic, including syllogisms, propositional and predicate logic, and logical proofs in a system of rules.

Physics (PHYS)

PHYS 1401 College Physics I 4:3:3

Fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; with emphasis on problem solving. Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and applications of classical mechanics and thermodynamics, including harmonic motion, mechanical waves and sound, physical systems, Newton's Laws of Motion, and gravitation and other fundamental forces; emphasis will be on problem solving.
Prerequisites: MATH 1314 College Algebra and MATH 1316 Plane Trigonometry or MATH 2312 Pre-Calculus

PHYS 1402 College Physics II 4:3:3

A continuation of PHYS 1401. Fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving. Laboratory activities will reinforce fundamental principles of physics, using algebra and trigonometry; the principles and applications of electricity and magnetism, including circuits, electrostatics, electromagnetism, waves, sound, light, optics, and modern physics topics; with emphasis on problem solving.
Prerequisite: PHYS 1401.

PHYS 1405 Elementary Physics I 4:3:3

Conceptual level survey of topics in physics for non-science majors. Introduces the basic interactions of nature with emphasis on thermodynamics and heat transfer.

PHYS 1407 Elementary Physics I 4:3:3

Conceptual level survey of topics in physics intended for non-science majors continuation of PHYS 1405.

PHYS 1415 Physical Science I 4:3:3

Course, designed for non-science majors, that surveys topics from physics, chemistry, geology, astronomy, and meteorology.

PHYS 1417 Physical Science II 4:3:3

Course, designed for non-science majors, that surveys topics from physics, chemistry, geology, astronomy, and meteorology.

PHYS 2425 University Physics I.....4:3:4

Fundamental principles of physics, using calculus, for science, computer science, and engineering majors; the principles and applications of classical mechanics, including harmonic motion, physical systems and thermodynamics; and emphasis on problem solving. Basic laboratory experiments supporting theoretical principles presented in lecture involving the principles and applications of classical mechanics, including harmonic motion and physical systems; experimental design, data collection and analysis, and preparation of laboratory reports.
Prerequisite: MATH 2413—Calculus I

PHYS 2426 University Physics II 4:3:4

Principles of physics for science, computer science, and engineering majors, using calculus, involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics. Laboratory experiments supporting theoretical principles presented in lecture involving the principles of electricity and magnetism, including circuits, electromagnetism, waves, sound, light, and optics; experimental design, data collection and analysis, and preparation of laboratory reports.
Prerequisites: PHYS 2425 and MATH 2414 Calculus II.

Psychology (PSYC)

PSYC 1100 Learning Framework 1:1:0

A study of the research and theory in the psychology of learning, cognition, and motivation, factors that impact learning, and application of learning strategies. The course assists the student in making adequate social and personal adjustments to college life, developing educational and career goals, and becoming familiar with institutional curricula and policies. It includes techniques for time management, note taking, and preparing for exams. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners.
This course is in the Core Curriculum and is required of all students pursuing an academic transfer curriculum. This course is also required of all students pursuing a technical degree if they are enrolled in developmental courses and have not completed 15 hours of college-level work. *It is highly recommended that students take this course in their first semester of college.* (Cross-listed as EDUC 1100)

PSYC 1300 Learning Framework 3:3:0

Study of the 1) research and theory in the psychology of learning, cognition and motivation; 2) factors that impact learning; and 3) application of learning strategies. Students use assessment instruments (learning inventories) to identify their strengths and weaknesses as learners. Develops skills and techniques necessary for success in college including memory development, note-taking, test preparation, study skills and time management. Assists the student in making adequate social and personal adjustments to college life, developing educational and career goals, and becoming familiar with institutional curricula and policies. Includes techniques for time management, note taking, and preparing for exams. Stresses the importance of creativity, health, relationships and the effective use of resources in achieving college success. All students who have passed fewer than 60 semester hours and finished the immediate two long semesters on scholastic probation are required to enroll in and pass the course. Recommended for all students desiring to improve their opportunities for success in college. A passing grade must be earned to meet the institutional requirement. May count for elective credit in selected degree and certificate programs. Students who fail a developmental course must take either EDUC 1300 or PSYC 1300.

PSYC 2301 General Psychology 3:3:0

General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.
Prerequisite: Basic skills competency in reading required.

PSYC 2314 Lifespan Growth and Development 3:3:0

Lifespan Growth and Development is a study of social, emotional, cognitive and physical factors and influences of a developing human from conception to death.
Prerequisite: Basic skills competency in reading required.

PSYC 2317 Statistical Methods in Psychology 3:3:0

Study of statistical methods used in psychological research, assessment, and testing. Includes the study of measures of central tendency and variability, statistical inference, correlation and regression as these apply to psychology.
Prerequisite: MATH 1314.

Sign Language (SGNL)

SGNL 1301 Sign Language I.....3:3:0

Introduction to American Sign Language covering finger spelling, vocabulary, and basic sentence structure in preparing individuals to interpret oral speech for the hearing impaired.
Prerequisite: Basic skills competency in reading required.

Sociology (SOCI)

SOCI 1301 Introduction to Sociology.....3:3:0

The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance.
Prerequisite: Basic skills competency in reading required.

SOCI 1306 Social Problems 3:3:0

Application of sociological principles and theoretical perspectives to major social problems in contemporary society such as inequality, crime and violence, substance abuse, environmental issues, deviance, or family problems.
Prerequisite: Basic skills competency in reading required.

SOCI 2301 Marriage and the Family 3:3:0

Sociological and theoretical analysis of the structures and functions of the family, the varied cultural patterns of the American family, and the relationships that exist among the individuals within the family, as well as the relationships that exist between the family and other institutions in society.
Prerequisite: Basic skills competency in reading required.

Speech (SPCH)

SPCH 1315 Public Speaking 3:3:0

Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations.
Prerequisite: Basic skills competency in reading and writing required.

SPCH 1318 Interpersonal Communications 3:3:0

Application of communication theory to interpersonal relationship development, maintenance, and termination in relationship contexts including friendships, romantic partners, families, and relationships with co-workers and supervisors.
Prerequisite: Basic skills competency in reading and writing required.

SPCH 2335 Argumentation & Debate 3:3:0

Principle theories and practice in argumentation and debate, including analysis, reasoning, organization, evidence and refutation in a variety of speaking situations. Critique of these issues as reflected in current public affairs.
Prerequisite: Basic skills competency in reading and writing required.

Developmental Courses

English, Developmental (ENGL)

ENGL 0301 Basic Reading Skills 0:3:1

A course designed to help students practice the skills necessary for understanding and retention of college level material. Course includes a co-requisite lab.
Prerequisite: placement examination.

ENGL 0310 Developmental Writing I 0:3:1

A course covering the fundamentals of grammar, usage, syntax and punctuation to give students practice in writing well-constructed paragraphs. Course includes a co-requisite lab.
Prerequisite: placement examination.

ENGL 0327 Integrated Reading/Writing (IRW) 0:3:0

Integration of critical reading and academic writing skills. Development of reading and higher order thinking skills necessary for college readiness. Development of college-level writing focusing on idea generation, drafting, organization, revision, and utilization of standard English. The intervention fulfills TSI requirements for reading and/or writing.

Mathematics, Developmental (MATH)

MATH 0311 Developmental Mathematics.....0:3:0

Study of basic concepts and operations involved in computations, ratios, proportions, percents, charts and graphs, simple geometry, rational numbers, exponents and scientific notation.

MATH 0312 Pre-Algebra 0:3:1

Basic concepts and operations involved with whole numbers, integers, fractions, decimals, ratio and proportion, percent, exponents, and polynomials.

Included is an introduction to solving equations and problem solving. Course includes a co-requisite lab.
Prerequisite: placement examination.

MATH 0313 Introductory Algebra 0:3:0

Concepts of basic algebra. Operations on real numbers and polynomials, solving equations, inequalities and systems, graphing, factoring polynomials and problem solving are included.
Prerequisite: MATH 0312 or placement examination.

MATH 0332 Intermediate Algebra 0:3:0

Basic concepts necessary for the study of algebra: solving linear, rational, absolute value, radical, and quadratic equations and linear, compound and absolute value inequalities. Factoring polynomials, problem solving and operations on rational and radical expressions are included.
Prerequisite: MATH 0313 or placement examination.
NOTE: The purchase of a student access code is required in all developmental classes for on-line assignments and/or testing.

Technical Courses

Accounting/Accounting Technology (ACNT)

ACNT 1303 Introduction to Accounting I 3:3:0

Study of analyzing, classifying and recording business transactions in a manual and computerized environment. Emphasis on understanding the complete accounting cycle and preparing financial statements, bank reconciliations and payroll.

ACNT 1205 Forensic Accounting.....2:2:0

Accounting fraud and examination designed to provide a basic understanding of the impact that fraud has on an organization.

ACNT 1311 Introduction to Computerized Accounting 3:3:0

Introduction to utilizing the computer in maintaining accounting records with primary emphasis on a general ledger package.
Prerequisite: ACCT 2301 or ACNT 1303

ACNT 1331 Federal Income Tax: Individual 3:3:0

A study of the federal tax law for preparation of individual income tax returns.

ACNT 1347 Federal Income Tax for Partnerships and Corporations.....3:3:0

A study of federal tax laws for preparation of partnership and corporate returns.

ACNT 2386 Internship Accounting Technology /Technician and Bookkeeping 3:0:0

A work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer.
Prerequisites: Must have completed 45 hours toward the accounting degree and have an overall 2.0 GPA

Art: Commercial / Graphic Design (ARTC)

ARTC 1302 Digital Imaging I 3:3:0

Digital imaging using raster image editing and/or image creation software: scanning, resolution, file formats, output devices, color systems, and image-acquisitions.
Prerequisite: IMED 1301 with a grade of "C" or better, or consent of instructor.

ARTC 1313 Digital Publishing I.....3:3:0

The fundamentals of using digital layout as a primary publishing tool and the basic concepts and terminology associated with typography and page layout.
Prerequisite: ITSC 1401 with a grade of "C" or better, or consent of instructor.

ARTC 2388 Internship-Commercial and Advertising Art 3:0:0

A work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer.
Prerequisite: Must be taken in last semester. Must have an overall GPA of 2.5

ARTC 2305 Digital Imaging II 3:3:0

Principles of digital image processing and digital painting. Emphasis on bitmapped- or raster-based imaging and the creative aspects of electronic illustration for commercial or fine art applications.
Prerequisite: ARTC 1302

ARTC 2311 History of Communication Graphics...3:3:0

Survey of the evolution of graphic arts in relation to the history of art. Includes formal, stylistic, social, political, economic, and historical aspects. Emphasis on art movements, schools of thought, individuals, and technology as they interrelate with graphic arts.

ARTC 2313 Digital Publishing II.....3:3:0

Includes layout procedures from thumbnails and roughs to final comprehensive and print output. Emphasis on design principles for the creation of advertising and publishing materials, and techniques for efficient planning and documenting projects.
Prerequisite: ARTC 1313