CJD 2720*
Law Enforcement Legal III, 3 credit hours, 45 lec. (Offered as needed)
Various criminal laws and their elements are studied. Emphasis is placed upon those laws specific to police application. Traffic and driver’s license laws are studied. Legal considerations of officer vehicle operation are addressed as specified by the Criminal Justice Standards and Training Commission.

CJT 1120*
Crime Scene Procedures, 3 credit hours, 45 lec. (Offered as needed)
Course emphasizes preliminary investigation techniques, crime scene protection, recording, processing, collection and preservation of evidence, fingerprint technology and legal aspects of evidence.

CJT 1230*
Chemical Tests for Intoxication, 3 credit hours, 45 lec. (Offered as needed)
Background and history of alcohol on motor coordination; operation and maintenance of breathalyzer equipment; court testimony; legal aspects of laws governing DUI. Required course for state certification.

CJT 2100*
Criminal Investigation, 3 credit hours, 45 lec. (Offered as needed)
Fundamentals of investigation; duties and responsibilities of the detective’s interrogation techniques; search and techniques of protecting the crime scene; collection and preservation of evidence; modus operandi systems; scientific aids and other sources of information; court preparation and case followup.

CJT 2140*
Introduction to Criminalistics, 3 credit hours, 45 lec. (Offered as needed)
The scientific aspects of investigation and crime scene technology, crime laboratory functions, ballistics, dactyloscopy and latent print development, scientific methods of criminal identification.

CJT 2220*
Law Enforcement Photography, 3 credit hours, 45 lec. (Offered as needed)
A basic course in police photography techniques to include photographic principles, illumination, composition, identification, fingerprint, crime scene, traffic accident, courtroom technician darkroom and film processing, enlarging, printing and field application. By permission of instructor. Prerequisite: CJT 2100 or CJT 1120.

CJT 2340*
Police Operations, 3 credit hours, 45 lec. (Fall, Spring)
Responsibilities, powers and duties of the uniformed patrolman; patrol techniques and procedures; field interrogation and notetaking; mechanics of arrest and search; handling of the mentally ill; transportation of prisoners; crime scene procedures; elements of property protection; fundamentals of community relations; mob and riot control; dealing with domestic violence, gangs and drug crime; civil liability of officers and departments.

CJT 2350*
Writing and Reviewing Reports, 3 credit hours, 45 lec. (Offered as needed)
Designed to give students a broad understanding of writing and reviewing criminal justice reports. Specifically designed for correctional and law enforcement officers.

CLP 1002
Personal Adjustment, 3 credit hours, 45 lec. (Fall, Spring, Summer)
Psychology of adjustment, application of psychological theory for problem solving and better mental health. An examination of psychological defense mechanisms and adaptive behavior.

CLP 2140
Abnormal Psychology, 3 credit hours, 45 lec. (Offered as needed)
A study of the different problems in psychopathology, including anxiety, depression, social deviance, psychosis, schizophrenia, both child and adult, mental retardation and general brain dysfunction, with emphasis on descriptive etiology, known causes, and treatments. Prerequisite: PSY 2012.

COA 2100*
Consumer Education, 3 credit hours, 45 lec. (Fall, Spring, Summer)
A study of the role of the consumer and consumer goods and services related to the home. The course will encourage wise planning and use of family resources.

COP 2010 Δ
Visual Basic Programming, 3 credit hours, 45 lec. (Offered as needed)
This course introduces programming in Visual Basic. The student will learn to create innovative and useful windows programs. Topics to be discussed include variables, string handling, loops and arrays, formatting techniques, labels, buttons, menus, loading and saving, error handling, graphics, and linking applications. Although not a prerequisite, CGS 2564, Introduction to Windows is highly recommended. Prerequisite: CIS 1000 or equivalent.

* This college credit course is not intended for transfer and may not be applied toward the A.A. degree.
Δ Technology-Across-the-Curriculum Course
COP 2011
Advanced Applications Programming in Visual Basic, 3 credit hours, 45 lec. (Offered as needed)
This course introduces the advanced features of Visual Basic. The student will learn to create advanced versions of innovative and useful windows programs. Topics to be discussed include: basic and advanced graphical user interface development; sequential file processing; advanced object-oriented programming; ActiveX components; advanced database management development including interfacing to external applications and Visual Basic’s internal database manager; multimedia, networking; and advanced data structures. Prerequisite: COP 2010.

COP 2120
COBOL Programming, 3 credit hours, 45 lec. (Offered as needed)
A survey of automatic data processing and an introduction to COBOL programming. Historical development, general concepts and state of the art. COBOL is introduced with emphasis on problem solving. Emphasis on methods of analyzing business problems for computer adaptation. Prerequisite: CIS 1000.

COP 2200
FORTRAN Programming, 3 credit hours, 45 lec. (Offered as needed)
An introduction to the computer programming language of FORTRAN. Includes general introduction to computer programming, general programming concepts, elementary problem solving and flowcharting. Involves actual problem solving by the use of the FORTRAN language on the computer. Prerequisite: CIS 1000.

COP 2220
Programming in C, 3 credit hours, 45 lec. (Offered as needed)
An introduction to C programming language using microcomputers. Prerequisite: CIS 1000 or equivalent.

COP 2224
Programming in C++, 3 credit hours, 45 lec. (Offered as needed)
An introduction to C++ programming using microcomputers. Prerequisite: CIS 1000 and COP 2220 or equivalent.

COP 2800
Introduction to JAVA Programming, 3 credit hours, 45 lec. (Offered as needed)
An introduction to programming using the Java language. Students will develop and apply individual programs. Prerequisite: CIS 1000 or equivalent demonstrated skills.

CRW 2000
Creative Writing I, 3 credit hours, 45 lec. (Offered as needed)
Instruction and practice in writing various forms of poetry, short story, drama, and/or other modes and in submitting for publication.

CRW 2002
Creative Writing II, 3 credit hours, 45 lec. (Offered as needed)
Advanced work in poetry and prose modes. Student creativity in prose, poetry, and drama. Students submit creative work to publisher market. Prerequisite: CRW 2000 or equivalent or demonstrated publication at equivalent or higher level.

CRW 2100
Introduction to Fiction Writing, 3 credit hours, 45 lec. (Offered as needed)
This course offers extensive practice writing fiction. Students will develop a body of original creative work under the supervision of the instructor and will submit works for publication. Upon agreement with the instructor, students may elect to develop either individual short stories or novel chapters with synopsis. Prerequisites: None, but CRW 2000 and CRW 2002 recommended.

CRW 2300
Introduction to Poetry Writing, 3 credit hours, 45 lec. (Offered as needed)
This course offers extensive practice writing poetry. Students will develop a body of original creative work under the supervision of the instructor and will submit works for publication. Prerequisites: None, but CRW 2000 and CRW 2002 recommended.

CRW 2600
Writing Scripts for Film and Television, 3 credit hours, 45 lec., (Offered as needed)
This course offers an introduction to the theory and practice of writing scripts for television and film. Students will develop a body of original work with a goal toward publication.

DAA 1100
Modern Dance, 2 credit hours, 15 lec., 30 lab. (Offered as needed)
The beginning Modern Dance class is designed to affect an understanding of the art of the modern dance. It includes a brief history of the dance; instruction and practice in basic dance techniques, improvisation, and dance forms. This course may be taken four (4) times for credit.

DAA 1101
Intermediate Modern Dance, 2 credit hours, 15 lec., 30 lab. (Offered as needed)
The intermediate modern dance class is designed to affect understanding the art of the modern dance at an intermediate level. It includes a continued historical analysis of modern dance; instruction and practice in intermediate dance techniques, improvisation, and dance forms. This course may be taken up to four (4) times for credit.

△ Technology-Across-the-Curriculum Course
DAA 1200
Beginning Ballet, 2 credit hours, 15 lec., 30 lab. (Offered as needed)
A beginning dance course designed to serve as an introduction to the tradition and discipline of the art of classical ballet. Physical development of body as an expressive instrument for ballet movement will be stressed as strength, flexibility, balance, agility, alignment, turnout, control, elevation and sensitivity to line are studied. This course may be taken up to four (4) times for credit.

DAA 1201
Intermediate Ballet, 2 credit hours, 15 lec., 30 lab. (Offered as needed)
Intermediate Ballet is designed to train the more advanced student in the tradition and discipline of the art of the classical ballet beyond the basics. Physical development of the body as an expressive instrument for ballet movement will continue to be stressed as strength, flexibility, balance, agility, alignment, turn-out, control, elevation, and sensitivity to line are improved. This course may be taken up to four (4) times for credit.

DAA 1500A
Beginning Jazz, 1 credit hour, 30 lab. (Offered as needed)
This course includes a brief history of the jazz dance and instruction and practice in jazz dance techniques exploring popular dance idioms. This course may be taken up to four (4) times for credit.

DAA 1501
Intermediate Jazz Dance, 1 credit hour, 30 lab. (Offered as needed)
A continuation of Beginning Jazz. This course may be taken up to four (4) times for credit.

DAA 1520
Beginning Tap, 1 credit hour, 30 lab. (Offered as needed)
Instruction in beginning techniques of tap dance. This course may be taken up to four (4) times for credit.

DAA 1580
Musical Theatre Dance I
The study of Musical Theatre dance techniques and styles as related to a specific performance experience. Students must participate in rehearsals and performances. Prerequisite: Level of competency determined by audition. This course may be taken up to four (4) times for credit.

DAA 1680
Dance Workshop, 1 credit hour, 30 lab. (Offered as needed)
Instruction and participation in dance as required by specific productions, i.e., Theatre/Show Choir. This course may be taken up to four (4) times for credit.

DAA 1681
Dance Ensemble, 1 credit hour, 30 lab. (Offered as needed)
The student shall participate in the preparation and performance of original dance compositions to include dance line performances. This course may be taken up to four (4) times for credit.

DAA 1750
Dance Conditioning, 1 credit hour, 30 lab. (Offered as needed)
To increase technical skills through conditioning skills appropriate for dancers. Dance conditioning is an excellent course to improve fundamentals for the beginning/intermediate student. This course may be taken up to four (4) times for credit.

DAA 1905
Directed Individual Study - Dance, 1 credit hour, 30 lab. (Offered as needed)
A defined independent study in dance which is pursued under supervision of a faculty dance instructor and recorded through departmental procedures. Designed to permit a student to pursue non-scheduled dance activity work which may be of a specialized nature and not available through classes or courses available in a college schedule. Prerequisite: Departmental approval is required. This course may be taken up to two (2) times for credit.

DAA 2202
Advanced Ballet, 2 credit hour, 15 lec./30 lab. (Offered as needed)
Advanced Ballet is a two-credit academic course. It meets for three hours per week and can be taken for credit four times. The student must have reached a high level of physical strength, mastery of skills, and technical knowledge in order to be eligible for placement in this section. Prerequisites: DAA 1201 and/or appropriate level of competency. This course may be taken up to four (4) times for credit.

DAA 2220
Pointe, 1 credit hour, 30 lab. (Offered as needed)
Pointe is a one-credit academic course. It meets two hours per week and can be taken for credit four times. The student must already have mastered advanced terminology and movement vocabulary for ballet in order to be prepared for the physical demands of dancing on Pointe. Prerequisite: DAA 2202 and/or appropriate competency level. This course may be taken up to four (4) times for credit.

DAA 2581
Musical Theatre Dance II, 1 credit hour, 30 lab. (Offered as needed)
The continued study of Musical Theatre dance techniques and styles as related to a specific performance experience. Students must participate in rehearsals and performances. Prerequisite: Level of competency determined by audition. This course may be taken up to four (4) times for credit.
DAA 2610
Dance Composition, 2 credit hours, 15 lec./30 lab. (Offered as needed)
This course encourages the student to explore and compose dance by improving technical skills, developing improvisation and choreographic skills, and enhancing performance skills. Prerequisites: At least one semester of Modern Dance or department audition. This course may be taken up to four (4) times for credit.

DAA 2682
Dance Workshop II, 1 credit hour, 30 lab. (Offered as needed)
Continued instruction and participation in dance as required by specific Music Theatre productions. This course may be taken up to four (4) times for credit. Prerequisite: A demonstration of competence required. This course may be taken up to four (4) times for credit.

DAA 2683
Performance Dance (Repertory and/or Original Choreography)
DAA2683 involves the continuation of study and practice of selected works of dance repertory and/or original choreography culminating in public performance. May be taken four (4) times for credit. Prerequisite: Demonstration of competence required.

DEP 2004
Human Growth and Development, 3 credit hours, 45 lec. (Fall, Spring, Summer)
A research oriented course in human development, covering the life span of the human being from conception to death. Special emphasis placed upon the interrelationships of the stages of development of the normal person.

DEP 2100
Child Growth and Development I, 3 credit hours, 45 lec. (Fall, Spring, Summer)
Growth and development of the child from conception through age five, including the physical, social, emotional and mental development of the young child, influence of environment, principles and theories of development.

ECO 2013
Economics I, 3 credit hours, 45 lec. (Fall, or as needed)
Macroeconomics. Basic concepts and principles, national income accounting; fiscal and monetary policy and application, growth economics. Will satisfy General Education elective. Basic math skills required.

ECO 2023
Economics II, 3 credit hours, 45 lec. (Spring, or as needed)

EDF 1005
Introduction to Education, 3 credit hours, 45 lec. (Fall, Spring)
A study of the history, philosophy and social context of education. The course will help the student think critically about the process of education and his/her role as an educator. Student will observe and participate in the educational settings of local schools. (Plus 30 hours field experience.)

EDG 2701
Teaching Diverse Populations, 3 credit hours, 45 lec. (Fall, Spring)
This course will provide the student with the opportunity to explore personal values and attitudes toward cultural diversity. Designed for the prospective educator, the theoretical component will examine the issues of teaching in culturally diverse classrooms. Field experience and examination of educational materials will enhance the student’s understanding of multiculturalism. (Plus 30 hours field experience) Prerequisite: EDF 1005.

EDP 2002
Educational Psychology, 3 credit hours, 45 lec. (Fall, Spring, Summer)
Significant aspects of the growth and development of children and youth, including physical, social, and intellectual developments as they affect behavior patterns. Psychology as applied in improving the learning process.

EET 1015C*
Basic Electricity/Electronics I, 4 credit hours, 30 lec., 60 lab. (Offered as needed)
This course introduces the electron theory, the theory, analysis, and troubleshooting of series, parallel and series parallel DC resistive circuits, network theorems, DC meters, magnetism, and electromagnetic induction. Laboratory safety is emphasized and extensive practice is given in the use multimeters.

EET 1018*
Direct Current Network Analysis, 1 credit hour, 15 lec. (Offered as needed)
This course reviews basic circuit formulas and calculations such as Ohm’s Law and Kirchoff’s laws. It also enables students to develop an understanding of the analysis of multiscource circuits using Millman’s theorem, superposition mesh currents, nodal analysis, Thevenin’s theorem and Norton’s theorem. Prerequisite: Completion of vocational program containing DC circuits without analysis.

*D This college credit course is not intended for transfer and may not be applied toward the A.A. degree.

# This college credit course qualifies as having an international and/or diversity focus for Teacher Education Programs common prerequisites.
EET 1025C*
Electricity/Electronics II, 4 credit hours, 30 lec., 60 lab. (Offered as needed)
This course introduces alternating current and the circuit properties of inductance and capacitance. Subjects covered are inductors, capacitors, the theory and analysis of RL, RC, RLC, and resonant circuits, filters and complex notations. Laboratory safety will continue to be emphasized and extensive practice given in use of the oscilloscope. Prerequisite: EET 1015C or equivalent.

EET 1028*
Alternating Current Network Analysis, 1 credit hour, 15 lec. (Offered as needed)
This course reviews basic circuit formulas and calculations such as Ohm’s Law and Kirchoff’s laws. It also enables students to develop an understanding of the techniques to analyze AC circuits. The techniques include: network theorems, transient analysis in RL and RC circuits, the effects of loading on transformers, and the use of complex numbers in RLC circuit analysis. In addition, Faraday’s Law of induced voltages and mutual inductance will be analyzed. Prerequisite: Completion of vocational program containing AC circuits without analysis.

EET 1141C*
Devices and Circuits I, 4 credit hours, 30 lec., 60 lab. (Offered as needed)
This course introduces semiconductor and PN junction theory. Devices studied include: the diode, the bipolar junction transistor, JFETs and MOSFETs. Circuits studied include: diode circuits, power supplies, transistor biasing, small signal amplifiers, and power amplifiers. Circuits studied in this course will be constructed and tested in the laboratory. Students will also perform the calculations necessary to design both power supply and amplifier circuits. Prerequisite: EET 1025C or equivalent.

EET 1142C*
Devices and Circuits II, 4 credit hours, 30 lec., 60 lab. (Offered as needed)
This course continues the study of electronic devices and circuits to include SCR’s, DIAC’s, TRIAC’s, Shockley diodes, silicon controlled switches (SCS), and opoelectronical devices. Circuits studied include the Op Amp, oscillators, voltage regulators, active filters, and differential amplifiers. Prerequisite: EET 1141C or equivalent.

EET 1149*
Design and Analysis of Discrete Solid State Circuits, 1 credit hour, 15 lec. (Offered as needed)
This course begins with a review of basic diode and transistor characteristics. Then it incorporates methods of design and analysis of power supplies, filters and regulators. The design and analysis of bipolar junction transistor circuits is also studied. Prerequisite: Completion of vocational program containing solid state circuits without analysis and design.

EET 1606C*
Soldering/PC Board Techniques, 2 credit hours, 15 lec., 30 lab. (Offered as needed)
This course enables the student to develop the knowledge and skills needed for high reliability soldering. The student will work with and practice maintenance of high quality soldering. The student will work with and practice maintenance of high quality soldering stations.

EET 2215C*
Electronic Instrumentation, 4 credit hours, 30 lec., 60 lab. (Offered as needed)
This course covers the science of electronic measurements including terminology, errors, accuracy and tolerance, units, and standards. In addition, measurement methods and problems are covered. Also covered are test equipment theory, design, maintenance, are covered including DC meters, AC meters, analog, digital, strip recorders, AC and DC bridges, transducers oscilloscopes and probes, waveform generators and analyzers, fiber optic measurements, logic analyzers and complete instrumentation systems including ATE. Prerequisite: EET 1142C.

EET 2322C*
Electronic Communications, 3 credit hours, 30 lec., 30 lab. (Offered as needed)
This course introduces the student to telecommunications technology. It includes modulation techniques (amplitude, angle and pulse) AM, FM and single-sideband transmitters and receivers. It also introduces antenna systems, transmission lines, waveguides, the basic principles of Laser communications and basic radar. Prerequisite: EET 1142C or equivalent.

EET 2355C*
Digital Communications, 3 credit hours, 30 lec., 30 lab. (Offered as needed)
This course is a study of digital communications which includes coding and decoding, transmission, and error detection. PAM, TDM, PCM, and FSK systems will be studied. Prerequisite: EET 1142 or equivalent.

EEX 2010*
Introduction to Exceptional Children, 3 credit hours, 45 lec. (Offered as needed)
Study of incidence, nature, etiology and services available in connection with exceptional children including: hearing and speech problems; learning disabilities, mental retardation, blind, physically handicapped, gifted, emotional conflicts, also parents of exceptional children.

* This college credit course is not intended for transfer and may not be applied toward the A.A. degree.

‡ This college credit course qualifies as having an international and/or diversity focus for Teacher Education Programs common prerequisites.