PSAV Course Descriptions

**AER 0010C**
*Introduction to Automotive Technology*
Vocational Credits 5
Clock Hours 150
A general introduction to the procedures related to automotive shop safety, tool and equipment orientation, hazardous waste handling and disposal, the use of service information, mathematical computations commonly used in the automotive industry, preventive maintenance services, employability and communication skills.

**AER 0199C**
*Engine Repair*
Vocational Credits 5
Clock Hours 150
An in-depth study of engine operations, engine components, construction and materials, engine problem diagnosis to include engine removal and replacement, engine disassembly, inspection and reassembly to manufacturer's specifications.

**AER 0299C**
*Automatic Transmissions and Transaxles*
Vocational Credits 5
Clock Hours 150
Student technicians will learn the theory of operation, inspection, testing, diagnosis, in-vehicle services, and overhaul of automatic transmissions and transaxles. Component analysis includes: planetary gears, multiple disc clutches, bands, hydraulic systems and controls, torque converters, electrical, and electronic controls.

**AER 0399C**
*Manual Transmissions and Drivelines*
Vocational Credits 5
Clock Hours 150
A theoretical and practical application course of study that includes the diagnosis, service and repair of four and five speed manual transmissions and transaxles, mechanical and hydraulic clutch systems, front and rear wheel drive axles, all wheel drive systems (AWD) and 4X4 transfer cases and drive systems.

**AER 0499C**
*Suspension and Steering Systems*
Vocational Credits 5
Clock Hours 150
Students will learn the design, components, theory of operation, inspection, diagnosis, and service of suspension and steering systems. Component analysis will include front and rear suspensions, steering linkages, steering gears, steering columns, wheels, tires, and alignment angle measurement and adjustment.

**AER 0599C**
*Brake Systems*
Vocational Credits 5
Clock Hours 150
Students will learn the theory of operation, testing, diagnosis, and service of brake systems. Specific component analysis will include drum and disc brakes, hydraulic controls, power assist units, parking brakes, braking electrical circuits, and antilock braking systems.

**AER 0691C**
*Electrical/Electronic Systems I*
Vocational Credits 5
Clock Hours 150
This course provides an in-depth study of automotive electrical systems including interpreting wiring diagrams and using testing and diagnostic equipment. Specific component analysis includes batteries, starting systems, charging systems, lighting systems, gauges, and power accessories (windows, door locks, windshield wipers, etc.).

**AER 0692C**
*Electrical/Electronic Systems II*
Vocational Credits 5
Clock Hours 150
This course facilitates an advanced study of automotive electrical systems including interpreting wiring diagrams and using testing and diagnostic equipment. Specific activities include the testing, diagnosis, and service of cruise control systems, supplemental restraint systems, anti theft systems, and body electronic controls.

**AER 0797C**
*Air Conditioning and Heating Systems*
Vocational Credits 5
Clock Hours 150
Provides the student with an in-depth examination of air conditioning and heating system operation including Title IV of the Clean Air Act. Students will receive hands-on instruction in industry accepted practices for recovery and recycling of refrigerants, service, repair, testing, and diagnosis of automotive air conditioning systems using state-of-the-art tools and equipment.

**AER 0891C**
*Engine Performance I*
Vocational Credits 5
Clock Hours 150
Provides an in-depth study of the fuel, ignition, and emission control systems of an automobile. Major topics include engine operation, solid state ignition, electronic fuel injection and the use of comprehensive engine systems tests to isolate and repair common engine performance and emission system malfunctions.
AER 0892C
Engine Performance II
Vocational Credits 5
Clock Hours 150
An advanced course that focuses on electronic engine control, component identification, and diagnostic methods servicing engines. Students will learn to use modern diagnostic tools including scan tools, exhaust gas analyzers, digital storage oscilloscopes and chassis dynamosimeters.

AER 0949C
Auto Tech Co-Op Work Experience
Vocational Credits 5
Clock Hours 150
Designed to provide the student with on-the-job experience in all phases of the automotive service and repair industry.

ARR 0020
Estimating
Vocational Credits 3.3
Clock Hours 100
Covers topics related to analyzing damage, creating a damage report using manual and computerized methodologies.

ARR 0110
Welding and Cutting
Vocational Credits 3.3
Clock Hours 100
Covers topics related to MIG (GMAW) welding, cutting and heating processes and advanced welding methods.

ARR 0121
Refinishing
Vocational Credits 10
Clock Hours 300
Covers topics related to safety and environmental practices, understanding automotive finishes, preparing the equipment, paint area and refinishing materials, tinting, applying the finish, blending, solving paint application problems, clean defects caused and cures, and detailing.

ARR 0240
Plastic Repair
Vocational Credits 3.3
Clock Hours 100
Covers topics related to identification and repair decisions, adhesive repairs, welding repairs, repair of padded dashes, SMC repairs and refinishing of plastics.

ARR 0290
Structural Repair
Vocational Credits 5
Clock Hours 150
This course covers topics related to damage analysis, straightening structural parts, full or partial panel replacement, stationary glass replacement and restoring corrosion protection.

ARR 0310
Non-Structural Repair
Vocational Credits 5
Clock Hours 150
Covers topics related to preparation, panel replacement and alignment, trim and hardware, metal straightening, body fillers, door skin and intrusion beam replacement, quarter panel replacement and moveable glass and hardware.

ARR 0374
Mechanical and Electrical Repair
Vocational Credits 3.3
Clock Hours 100
This course covers topics related to steering and suspension, electrical and electronic systems, brake systems, air conditioning, cooling systems, drive trains, fuel, intake and exhaust systems and restraint systems.

ARR 0940
Auto Collision Internship
Vocational Credits 13.3
Clock Hours 400
Designed to provide students with the occupational experience of an auto collision repair technician on a daily and ongoing basis.

ARR 0071
Lot Porter
Vocational Credits 5
Clock Hours 150
Prepares the student with the knowledge of recreational vehicle skills, customer relations, employability, entrepreneurship, electrical, heating and mechanical principles.

ARR 0072
Pre-delivery Inspection Technician
Vocational Credits 10
Clock Hours 300
Prepares the student with the knowledge of recreational vehicle skills, electrical, heating and mechanical principles, gas, metal processing and troubleshooting water and towing systems and pre-delivery inspections.

ARR 0073
Recreational Vehicle Technician I
Vocational Credits 9
Clock Hours 275
Prepares the student with the knowledge of recreational vehicle skills, customer relations, employability, entrepreneurship, electrical, heating and mechanical principles.

ARR 0074
Recreational Vehicle Technician II
Vocational Credits 9
Clock Hours 275
Prepares the student with the knowledge of recreational vehicle skills, electrical, brake, towing systems, suspension, air conditioning, absorption refrigerators, heating and water systems, and interior and exterior troubleshooting.
**CJD 0236**  
**Police Service Aide**  
Vocational Credits 6.9  
Clock Hours 206  
Course will introduce the students to the job tasks of parking enforcement and traffic crash management. These tasks, with other functions are performed by civilian service aides employed within police agencies.

**CJD 0632**  
**Field Supervision**

**CJD 0704**  
**Criminal Justice Defensive Tactics**  
Vocational Credits 3.5  
Clock Hours 106  
Provides skills needed by officers to understand the incarcerated society, with emphasis upon supervision methods. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

**CJD 0705**  
**Criminal Justice Weapons**  
Vocational Credits 2.1  
Clock Hours 64  
Provides instruction in the use of firearms, including handguns and shotguns, safety procedures and ammunition use. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

**CJD 0710**  
**Criminal Justice Legal I Comb**  
Vocational Credits 1.8  
Clock Hours 54

**CJD 0711**  
**Criminal Justice Legal II Comb**  
Vocational Credits 1.7  
Clock Hours 52

**CJD 0712**  
**Criminal Justice Communication Comb**  
Vocational Credits 2.1  
Clock Hours 62

**CJD 0713**  
**Interpersonal Skills Comb**  
Vocational Credits 2.2  
Clock Hours 66

**CJD 0715**  
**Physical Conditioning**  
Vocational Credits 0.80  
Clock Hours 24  
A physical conditioning curriculum, as developed by the Hillsborough County Sheriff's Office, to properly assess fitness levels of corrections and law enforcement recruits, and to provide an exercise program to enhance their performance.

**CJD 0723**  
**Vehicle Operations**  
Vocational Credits 1.1  
Clock Hours 32  
The components of the police driving environment are explored and practical exercises on the driving range are conducted. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

**CJD 0730**  
**Law Enforcement Legal III**  
Vocational Credits 1.1  
Clock Hours 32  
Provides an overview of various criminal laws and the proper application of these laws by officers.

**CJD 0731**  
**Law Enforcement Patrol**  
Vocational Credits 2.1  
Clock Hours 64  
Addresses the daily skills and techniques needed by officers to perform patrol tactics and respond to various types of calls. Methods of approach to various high risk situations are explored, with practical exercises included. Unusual occurrence events, including firefighting and crowd control, are addressed. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

**CJD 0732**  
**Law Enforcement Traffic**  
Vocational Credits 1.5  
Clock Hours 46  
Studies traffic enforcement and control, with the inclusion of DUI offenses and enforcement, traffic accident investigation, scene management and reporting procedures. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

**CJD 0734**  
**Law Enforcement Investigations**  
Vocational Credits 2.1  
Clock Hours 64  
Addresses the investigation of various crimes, including property, person, vice, search and seizure concepts, rules of evidence, and surveillance techniques. Techniques are developed from initial observation methods, through the processing of crime scene and case preparation.

**CJD 0760**  
**Criminal Justice Legal I**  
Vocational Credits 1.5  
Clock Hours 46  
Provides an introduction to the criminal justice system. The Criminal Justice Standards and Training Commission, professional behavior, human behavior and needs, as well as, crime prevention techniques, organized crime, the law enforcement organization, court procedure and demeanor are demonstrated, with emphasis on rules, trial procedures, and legal defenses.
CJD 0762
Communications
Vocational Credits 1.9
Clock Hours 56
The report writing process, from interview, taking statements, note taking, through the final report is addressed. Communication skills are covered, along with radio and telephone procedures. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

CJD 0763
Law Enforcement Interpersonal Skills I
Vocational Credits 2.2
Clock Hours 66
Provides insight into the intervention techniques for various situations, with emphasis on the needs of diverse group’s juveniles, elderly, ethnic, and cultural. Offered for law enforcement academy students.

CJD 0781
Cross Over Enforcement
Vocational Credits 1.6
Clock Hours 48

CJD 0790
Correctional Probation Legal
Vocational Credits 2.0
Clock Hours 60

CJD 0791
Correctional Probation Operations
Vocational Credits 0.5
Clock Hours 16

CJD 0792
Correctional Probation Interpersonal
Vocational Credits 2.3
Clock Hours 68

CJD 0793
Correctional Probation Communication
Vocational Credits 2.3
Clock Hours 70
In this course the student will learn FCIC/NCIC systems, management information systems, report-writing procedures, note taking, taking statement procedures, and interviewing techniques.

CJD 0794
Correctional Probation Supervision
Vocational Credits 1.8
Clock Hours 54
In this course the student will learn supervision techniques, social service agency referral procedures, recognizing deception and manipulation, case management, community supervision programs, fiscal procedures, transferring supervision, victim/witness assistance procedures, domestic violence intervention, suicide intervention, recognition of commonly abused drugs, and child abuse.

CJD 0795
Correctional Probation Firearms
Vocational Credits 0.5
Clock Hours 16
In this course the student will learn firearms safety procedures, common types of ammunition used in handguns and shotguns, basic principles of shooting a handgun and shotgun, chemical agent terminology, types of chemical agents, exposure symptoms, first aid and decontamination procedures, dissemination methods, and procedures for donning a gas mask.

CJD 0939
Testing Review
Vocational Credits 0.5
Clock Hours 14

CJK 0006
Introduction to Law Enforcement 1-6
Vocational Credits 2.2
Clock Hours 67
This module includes units of instruction in the following topics: The Florida Criminal Justice System, Constitutional Law and Florida Statutes, Criminal Justice Values and Ethics, Communication and Interpersonal Skills, and Human Interaction.

CJK 0007
Introduction to Law Enforcement
Vocational Credits 0.4
Clock Hours 11

CJK 0008
Legal
Vocational Credits 2.3
Clock Hours 69
Students will learn to act properly and effectively as law enforcement officers without infringing on citizens rights, and to understand federal, state, and local laws. Students will also become familiar with case law and how it interprets and further explains enacted laws.

CJK 0010
Introduction to Law Enforcement 7 12
Vocational Credits 1.7
Clock Hours 50
This module includes units of instruction in the following topics: mental retardation, mental illness, substance abuse, physical disabilities, criminal street gangs and extremist groups and responding to the elderly.

CJK 0011
Human Issues
Vocational Credits 1.3
Clock Hours 40
Crisis intervention is a major aspect of a law enforcement officer’s job. The correct response to a crisis may be providing appropriate management, intervention, and referral for individuals. Students completing this course will be able to recognize
the issues specific to individuals in various situations involving a crisis in their life.

CJK 0015
Introduction to Law Enforcement 13-22
Vocational Credits 2.6
Clock Hours 77
This module includes instruction in the following topics: note taking, report writing, interviewing, taking statements, use of telecommunications, officer safety and survival, crisis intervention, community oriented policing, secure approach to problem solving and hazardous materials awareness.

CJK 0017
Communications
Vocational Credits 2.5
Clock Hours 76
This course covers telecommunications, communications and interpersonal skills, human interaction issues, interviewing ideology, and report writing principles and mechanics.

CJK 0020
CMS Law Enforcement Vehicle Operations
Vocational Credits 1.6
Clock Hours 48

CJK 0020C
Vehicle Operations, Module 2
Vocational Credits 1.6
Clock Hours 48
This module includes instruction in the following topics: physiological and psychological factors which impact vehicle operation and control; legal considerations involved in the operation of emergency vehicles; civil and criminal liability; routine maintenance and inspection of police vehicles; vehicle dynamics; types of skids and their causes; and basic driving skills.

CJK 0031C
CMS First Aid
Vocational Credits 1.3
Clock Hours 40
This module includes instruction in the following topics: responding to medical emergencies; musculoskeletal and soft tissue injuries; medical related issues.

CJK 0040C
Firearms, Module 4
Vocational Credits 2.7
Clock Hours 80
This module includes instruction in the following topics: firearm familiarization; types of ammunition, fundamentals of marksmanship; drawing and holstering a weapon; loading and unloading a weapon; use of cover; weapon malfunctions; live fire exercises; weapon cleaning; qualification; and survival shooting.

CJK 0051
CMS Defensive Tactics
Vocational Credits 2.7
Clock Hours 80
This course teaches prospective officers how to control subjects and defend themselves using appropriate defensive tactics in accordance with the recommended response to resistance matrix.

CJK 0061
Patrol I
Vocational Credits 1.9
Clock Hours 58

CJK 0062
Patrol II
Vocational Credits 1.3
Clock Hours 40

CJK 0071
Criminal Investigations
Vocational Credits 1.9
Clock Hours 56
This course takes students through the sequence of events related to criminal investigations including determining whether a crime has occurred, identifying the type of crime and locating witnesses.

CJK 0076
Crime Scene Investigations
Vocational Credits 0.8
Clock Hours 24
The single most significant part of the initial stage of a criminal investigation is processing the crime scene. Students will learn to protect and preserve the scene to avoid contaminating evidence.

CJK 0082
Traffic Stops
Vocational Credits 0.8
Clock Hours 24
This course provides students with the skills necessary to conduct unknown, low risk and high risk traffic stops.

CJK 0083
DUI Traffic Stops
Vocational Credits 0.8
Clock Hours 24
This course provides students with the skills necessary to conduct DUI traffic stops.

CJK 0086
Traffic Crash Investigations
Vocational Credits 1.1
Clock Hours 32
CJK 0090  
**Tactical Applications, Module 11-14**  
Vocational Credits 1.8  
Clock Hours 54  
This module includes units of instruction in the following topics: how courts relate to law enforcement; rules of court procedure; responsibilities of an officer in court proceedings; the first response to an emergency situation; recognition techniques for identifying bombs, explosives and weapons of mass destruction; and riot control procedures for parades, concerts, festivals and other public events.

CJK 0096  
**Physical Fitness**  
Vocational Credits 2.0  
Clock Hours 60

CJK 0100  
**Interpersonal Skills I**  
Vocational Credits 2.1  
Clock Hours 62  
This course covers a variety of interpersonal skills used to communicate with special populations.

CJK 0101  
**Interpersonal Skills II**  
Vocational Credits 1.7  
Clock Hours 50  
Provides skills needed by officers to understand the incarcerated society with emphasis upon supervision methods. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

CJK 0102  
**Correctional Operations**  
Vocational Credits 2.1  
Clock Hours 64  
An overview of state rules and regulations, addressing issues involved with inmate rights, correctional officers rights and responsibilities, along with environmental issues.

CJK 0133  
**Law Enforcement Auxiliary Skills**  
Vocational Credits 2.0  
Clock Hours 59  
Prepares the auxiliary/reserve trainee for the duties and responsibilities of an auxiliary law enforcement officer. This preparatory training will include basic academic areas that are indigenous to the police function. The trainee will obtain the skills needed to be certified as an auxiliary officer.

CJK 0203  
**Cross Over Corrections**  
Vocational Credits 0.4  
Clock Hours 13  
The cross-over course will review topics including, but not limited to the following: civil and criminal liability, correctional officer rights and responsibilities, privileged communications, Baker Act, arrest laws, assault/battery, and assault with a deadly weapon.

CJK 0240  
**Auxiliary Introduction**  
Vocational Credits 0.9  
Clock Hours 27

CJK 0241  
**Auxiliary Patrol and Traffic**  
Vocational Credits 0.6  
Clock Hours 19  
This course provides an overview of the law enforcement techniques and tactics officers use while on patrol. It focuses on community oriented policing, officer safety and survival skills, and basic instruction on receiving a call, interacting with vehicles, and making an arrest.

CJK 0242  
**Auxiliary Investigations**  
Vocational Credits 0.6  
Clock Hours 17

CJK 0270  
**Criminal Justice Legal I**  
Vocational Credits 1.5  
Clock Hours 46  
Provides an introductory overview of the criminal justice system, and the history and philosophies of corrections.

CJK 0280  
**Physical Fitness**  
Vocational Credits 1.3  
Clock Hours 40

CJK 0283  
**Interpersonal Skills I**  
Vocational Credits 2.1  
Clock Hours 62  
This course provides the students with the verbal skills necessary to communicate effectively with diverse inmate populations.

CJK 0285  
**Criminal Justice Legal II**  
Vocational Credits 1.4  
Clock Hours 42  
This course covers a variety of legal topics to include constitutional law, evidence rules, arrest laws, search and seizure, and crimes against persons.

CJK 0286  
**Criminal Justice Communications**  
Vocational Credits 1.4  
Clock Hours 42  
This course covers a variety of communications skills to include note taking, taking statements, report writing and radio procedures.
CJK 0422
Dart Firing Stun Gun
Vocational Credits 0.3
Clock Hours 8
Stun guns have been around since the 1960s. Technology has moved over the years from the basic hand-held stun gun to a weapon that now propels darts up to 35 feet and use electricity to incapacitate a non-compliant subject. The use of dart firing stun guns and their effects on the people who are stunned by them has recently been a frequent topic of discussion in the media, among law enforcement officers and administrators, and within the scientific and medical professions. This course will introduce you to the basics of both the stun gun and the dart-firing stun gun and give you some fundamental knowledge on this emerging tool in criminal justice.

CJK 0480
Emergency Preparedness
Vocational Credits 0.9
Clock Hours 26
The skills needed for riot and disturbance control and firefighting are studied and practiced. Lectures include methods of riot prevention, handling, and unusual occurrences. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.

CJK 0520C
Public Safety Telecom I
Vocational Credits 6.9
Clock Hours 208
This course will prepare students for the challenging role of a 911 dispatcher. Students will learn the history of emergency communications and become familiar with the rewards and demands of this profession. Topics include: first responder, CPR, stress management, crises intervention, radio operations, keyboarding, HazMat and emergency call receiving.

CJK 0551C
Public Safety Telecommunications II EMD
Vocational Credits 0.8
Clock Hours 24
This course is a continuation of CJK 0520C, which prepares students for the challenging role of a 911 dispatcher. This course will further enhance the students' EMD (Emergency Medical Dispatcher) skills. Topics include: roles and responsibilities, medical and legal aspects, dispatch life support, pre-arrival instructions, emergency medical complaints and quality assurance.

CJK 0771
Criminal Justice Legal II
Vocational Credits 0.7
Clock Hours 22
This course covers a variety of legal topics to include constitutional law, evidence rules, arrest laws, search and seizure and crimes against persons.

CJK 0990
CP Firearms
Vocational Credits 0.5
Clock Hours 16
This module includes instruction in the following topics: firearms safety procedures, types of ammunition use, service weapons use on the range, shotgun use on the range and chemical agent use.

DEA 0130
Allied Dental Theory
Vocational Credits 1.5
Clock Hours 45
Provides the student with fundamental knowledge of embryology and oral histology, microbiology, oral pathology, pharmacology, and nutrition. Students will research various topics related to each unit and provide a short, written report.

DEA 0134
Dental Office Emergencies
Vocational Credits 1.0
Clock Hours 30
Provides the student with theory and practice in basic emergency procedures to manage emergencies that may occur in the dental setting.

DEA 0800
Clinical Practice I
Vocational Credits 2.5
Clock Hours 75
This course is designed to introduce students to the basic theories and procedures involved in various dental specialties including restorative/cosmetic dentistry, endodontic, periodontics, pediatric dentistry, oral surgery, orthodontics, and fixed and removable prosthodontics. The course will also give the students additional time to practice chair-side skills.

DEA 0800L
Clinical Practice I Lab
Vocational Credits 5
Clock Hours 150
Designed to give the student closely supervised instruction and clinical experience involving patients and a dentist performing all functions required of a general dentistry chair-side assistant. The student will have additional responsibilities in the area of radiography, sterilization, patient management, expanded functions, and preventive oral hygiene care.

DEA 0801L
Dental Practicum
Vocational Credits 8.5
Clock Hours 254
Continuous practice in all the skill areas of the dental assisting curriculum. Included will be a supervised internship program utilizing the private dental offices and clinical settings. The student will apply all skills and competencies developed and increase her/his capabilities and proficiencies.
DEA 0931
Dental Assisting in Orthodontics
Vocational Credits 0.5
Clock Hours 15
This course includes instruction on the history of orthodontics, malocclusion, orthodontic vocabulary, photographs, bracket slot, wires, tooth movement, and all phases of bonding, wires, headgear, and retainer finishing. This course includes taking the State Expanded Functions Orthodontics Examination and is required for completion of the Dental Assisting Program.

DEA 0931L
Dental Assisting Orthodontics Lab
Vocational Credits 1.0
Clock Hours 30
This course includes instruction on the history of orthodontics, malocclusion, orthodontic vocabulary, photographs, bracket slot, wires, tooth movement, and all phases of bonding, wires, headgear, and retainer finishing. This course includes taking the State Expanded Functions Orthodontics Examination. This course is required for completion of the Dental Assisting Program.

DES 0021
Head, Neck and Dental Anatomy
Vocational Credits 1.5
Clock Hours 45
A study of the anatomy of the head and neck with emphasis on the maxilla and mandible. In addition, the anatomy of the deciduous and permanent dentitions and supporting structures is covered.

DES 0021L
Head, Neck and Dental Anatomy Lab
Vocational Credits 1.0
Clock Hours 30
This laboratory course provides the student an opportunity to use anatomical models and teeth to apply didactic information in a laboratory setting and begin to apply knowledge of anatomy to clinical dental practice.

DES 0053
Dental Pharmacology and Pain Control
Vocational Credits 1.0
Clock Hours 30
A study of agents used in dentistry for local anesthesia and pain control. Nitrous Oxide sedation and its use will be covered.

DES 0053L
Dental Pharmacology and Pain Control Lab
Vocational Credits 0.5
Clock Hours 15
This course is a study of agents used in dentistry for local anesthesia and pain control. Nitrous oxide sedation and its use will be covered.

DES 0103
Dental Materials
Vocational Credits 1.5
Clock Hours 45
Provides the student with the theoretical knowledge of the composition, preparation, and application of materials commonly used in dentistry.

DES 0103L
Dental Materials Lab
Vocational Credits 1.5
Clock Hours 45
Designed to provide basic knowledge and laboratory practice necessary for the proper manipulation of dental materials commonly employed in dentistry.

DES 0205
Dental Radiology
Vocational Credits 1.5
Clock Hours 45
Provides the student with fundamental knowledge of the nature, physics, and biological effects of radiation to maximize understanding of proper control and safety precautions to be used in exposing, processing, mounting, and evaluating diagnostically acceptable radiographs.

DES 0205L
Dental Radiology Lab
Vocational Credits 1.5
Clock Hours 45
A corequisite to DES 0200, this course provides the student with laboratory experience in exposing, processing, mounting, and critiquing diagnostically acceptable intraoral and extraoral radiographs.

DES 0300
Dental Psychology
Vocational Credits 0.5
Clock Hours 15
Designed to introduce students to the basic theories of psychology to have a better understanding of behavioral patterns and how these patterns relate to dentistry.

DES 0400
Dental Anatomy and Physiology
Vocational Credits 1.5
Clock Hours 45
A study of the development of the human body along with a survey of the structure, growth, and function of the body's organ system.

DES 0500
Computer Applications in Modern Dentistry
Vocational Credits 1.0
Clock Hours 30
Introduces the student to basic computer and word processing concepts including file management, system backup, equipment maintenance, diskette format and care, and DOS commands. In addition, the student may make use of the following
software capabilities: test creation and editing, macros, mailing labels, enhancement, spreadsheets, and database.

**DES 0501**  
**Dental Office Management**  
Vocational Credits 1.0  
Clock Hours 30  
This course enables the student to gain knowledge and proficiency in all procedures necessary for office management. The course includes telephone techniques, ordering supplies, recall system, appointment control, bookkeeping, billing, and insurance procedures.

**DES 0804**  
**Introduction to Clinical Procedures I**  
Vocational Credits 2.0  
Clock Hours 60  
This core course introduces the dental assisting and dental hygiene student to the basic concepts of clinical practice. Topics include the history of dentistry, dental health team members, professional organizations, medical/dental history, operation and maintenance of dental equipment, operator/patient, four handed techniques, oral evacuation, dental charting, cleaning of removable appliances, coronal polishing, and fluoride application techniques.

**DES 0804L**  
**Introduction to Clinical Procedures I Lab**  
Vocational Credits 1.0  
Clock Hours 30  
This core course is designed for the practical application of professionalism and clinical procedures. Development of introductory skills is practiced in the clinical setting. Demonstration of required procedures is evaluated using preset standards.

**DES 0830**  
**Expanded Functions for Dental Auxiliaries**  
Vocational Credits .5  
Clock Hours 15  
Designed to provide basic knowledge and clinical practice necessary for the dental assistant or hygienist to perform the expanded functions permitted by the Rules and Regulations of the Florida State Board of Dentistry.

**DES 0830L**  
**Expanded Functions for Dental Auxiliaries Lab**  
Vocational Credits 1.50  
Clock Hours 45  
This course is designed to provide basic knowledge and clinical practice necessary for the dental assistant to perform the expanded functions permitted by the Rules and Regulations of the Florida State Board of Dentistry.

**DES 0844**  
**Preventive Dentistry**  
Vocational Credits 1.0  
Clock Hours 30  
Students are introduced to the philosophy and principles of preventive dentistry. Emphasis is on the dental auxiliary’s role in patient education and care. Topics include: development of plaque and calculus, development of carious lesions, plaque control techniques for the patient, fluorides, tooth stains, plaque indices, patient education and motivation, caries activity testing, and smoking cessation.

**DES 0936**  
**Dental Seminar**  
Vocational Credits 0.5  
Clock Hours 15  
This course is designed to provide students with a review for the Dental Assisting National Board Exam and to provide the student with an understanding of ethics, jurisprudence, and risk management as related to dentistry.

**DIM 0810**  
**Transit Equipment Preventative Maintenance**  
Vocational Credits 6.7  
Clock Hours 200  
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. The competencies include understanding shop organization and management, demonstrating safety awareness and practices, and performing basic preventive maintenance procedures.

**DIM 0811**  
**Transit Basic Electrical Systems**  
Vocational Credits 4.0  
Clock Hours 120  
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit bus electrical systems and components, and demonstrating the qualifications for employment.

**DIM 0812**  
**Transit Wheelchair Lift/Ramp**  
Vocational Credits 2.0  
Clock Hours 60  
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. The competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit bus wheelchair lift and ramp systems and components, and demonstrating the qualifications for employment.

**DIM 0813**  
**Transit Diesel Engine Preventative Maintenance**  
Vocational Credits 4.0  
Clock Hours 120  
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, performing diesel engine preventive maintenance, and demonstrating the qualifications for employment.
DIM 0814
Transit Steering and Suspension
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit bus steering and suspension, and demonstrating the qualifications for employment.

DIM 0820
Transit Hydraulics
Vocational Credits 2.0
Clock Hours 60
The purpose of the course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit bus hydraulic systems and demonstrating the qualifications for employment.

DIM 0821
Transit Diesel Electrical and Diesel Engine Electronics
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include identifying and applying electronic principles related to diesel technology, maintaining and repairing electrical systems, and demonstrating the qualifications for employment.

DIM 0822
Transit Drive Train
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include maintaining and repairing transit bus alternative fuels systems and components, and demonstrating the qualifications for employment.

DIM 0823
Transit Intermediate Electrical Systems
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing electrical systems and components, and demonstrating the qualifications for employment.

DIM 0824
Transit Brakes/Air System
Vocational Credits 6.6
Clock Hours 200
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit bus brake and air systems, and demonstrating the qualifications for employment.

DIM 0830
Transit Alternative Fuels Systems
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit alternative fuels systems, and demonstrating the qualifications for employment.

DIM 0831
Transit Advanced Electrical Systems
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing advanced electrical systems and components, and demonstrating the qualifications for employment.

DIM 0832
Transit Heating and Air Conditioning
Vocational Credits 6.7
Clock Hours 200
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit heating and air conditioning systems, and demonstrating the qualifications for employment.

DIM 0833
Transmission Diagnosis, Rebuild and Repair
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These competencies include demonstrating shop and occupational safety procedures, maintaining and repairing transit transmissions, and demonstrating the qualifications for employment.

DIM 0834
Diesel Engine Diagnosis
Vocational Credits 4.0
Clock Hours 120
The purpose of this course is to develop the competencies essential to the public transit bus technology industry. These
competencies include demonstrating shop and occupational safety procedures, maintaining and repairing diesel engines systems, and demonstrating the qualifications for employment.

**EMS 0020**  
Intro Emergency Communications Professionals  
Vocational Credits 0.1  
Clock Hours 4  
Provides an overview of the emergency communications profession.

**ETI 0470**  
Machinery Maintenance I  
Vocational Credits 5.0  
Clock Hours 150  
This course develops the competencies of applying safety rules and procedures relating the basic elements of physics, electricity and electronics to industrial machinery maintenance and repair, performing mathematical calculations, reading plans and drawings, performing measuring and layout operations, and performing computer applications in the industrial machinery maintenance technology industry. There is no occupational completion point associated with the completion of this course.

**ETI 0471**  
Machinery Maintenance II  
Vocational Credits 5.0  
Clock Hours 150  
This course develops the competencies of using and maintaining hand and portable power tools, handling and applying lubricants, applying basic bench work skills, and performing basic gas welding and cutting operations in the industrial machinery maintenance technology industry. There is no occupational completion point associated with the completion of this course.

**ETI 0472**  
Machinery Maintenance III  
Vocational Credits 5.0  
Clock Hours 150  
This course develops competencies in rigging and lifting, installing and removing machinery, conveyor maintenance, troubleshooting machinery performance, communicating, servicing customers obtaining employment, and entrepreneurship skills in the industrial machinery maintenance technology industry.

**ETI 0473**  
Machinery Maintenance IV  
Vocational Credits 5.0  
Clock Hours 150  
This course develops the competencies of planning an elementary predictive/preventive maintenance schedule, performing gas and arc welding, and performing machine shop operations, maintaining piping and tubing systems, troubleshooting electrical circuits, and maintaining and installing drive components in the industrial machinery maintenance technology industry. There is no occupational completion point associated with the completion of this course.

**ETI 0474**  
Machinery Maintenance V  
Vocational Credits 5.0  
Clock Hours 150  
This course develops the competencies of maintaining specific types of air compressors and maintaining, repairing, and troubleshooting fluid drive systems in the industrial machinery maintenance technology industry. There is no occupational completion point associated with the completion of this course.

**ETI 0475**  
Machinery Maintenance VI  
Vocational Credits 5.0  
Clock Hours 150  
This course develops the competencies for pump maintenance and repair and for pollution control along with knowledge of industrial pollution control systems in industrial machinery maintenance technology operations. It may include the development of optional competencies related to air conditioning and refrigeration, boilers, and small engines.

**ETI 0476**  
Machinery Maintenance VII  
Vocational Credits 5.0  
Clock Hours 150  
This course develops the competencies for preparing for machinery startup and performing vibration analysis and machine balancing for specialized operations in the industrial machinery maintenance technology industry. There is no occupational completion point associated with the completion of this course.

**ETI 0477**  
Machinery Maintenance VIII  
Vocational Credits 5.0  
Clock Hours 150  
This course is a continuation of industrial maintenance 7, developing the competencies for preparing for machinery startup and performing vibration analysis and machine balancing for specialized operations in the industrial machinery maintenance technology industry. There is no occupational completion point associated with the completion of this course.

**ETI 0478**  
Machinery Maintenance IX  
Vocational Credits 5.0  
Clock Hours 150  
This course develops the competencies for preparing for machinery startup and performing vibration analysis and machine balancing for specialized operations in the industrial machinery maintenance technology industry. There is no occupational completion point associated with the completion of this course.
FFP 0010  
**Fire Fighting I**  
Vocational Credits 6.9  
Clock Hours 206  
This course satisfies the requirement for NFPA Firefighter I certification. Topics of instruction include fire behavior, building construction, personal protective equipment, fire control, and wild land firefighting. This course follows the curriculum and standards from the Bureau of Fire Standard and Training.

FFP 0020  
**Fire Fighting II**  
Vocational Credits 6.4  
Clock Hours 192  
This course satisfies the requirement for a NFPA Firefighter II certification. This course consists of advanced fire control, hazardous materials and extrication operations. This course follows the curriculum and standards from the Bureau of Fire Standard Training.

FFP 0026  
**Fire Fighting III**  
Vocational Credits 1.2  
Clock Hours 37  
This course requires the student to demonstrate fire suppression skills and procedures learned in Fire Fighting I and II. This course follows the curriculum and standards from the Bureau of Fire Standard Training.

FFP 0141  
**Emergency Services First Responder**  
Vocational Credits 1.8  
Clock Hours 53  
Trains individuals to accept and recognize medical standards in emergency first aid procedures to include medical, environmental, and trauma related emergencies.

GEY 0653  
**Ethical and Legal Issues in Aging**  
Vocational Credits 1.7  
Clock Hours 50  
Provides an overview of the major legal and ethical issues in aging and its implications on policies, priorities and services. Emphasis will be placed on day-to-day application.

HEV 0008  
**Health, Wellness and Nutrition**  
Vocational Credits 3.3  
Clock Hours 100  
This course will provide basic concepts of health, wellness and nutrition related to aging. Emphasis will be placed on nutrition and diet, physical activity and exercise, and maintenance of well being.

HEV 0108  
**Child Abuse and Neglect**  
Vocational Credits 0.1  
Clock Hours 4  
A continuation of the basic child care training required for all child care employees in the State of Florida.

HEV 0111  
**Child Growth and Development I**  
Vocational Credits 0.2  
Clock Hours 6  
A continuation of the basic child care training required for all child care employees in the State of Florida.

HEV 0114  
**Rules and Regulations**  
Vocational Credits 0.2  
Clock Hours 6  
Course provides the basic child care training required for all child care employees in the State of Florida.

HEV 0126  
**DAP/Children with Special Needs**  
Vocational Credits 0.3  
Clock Hours 10  
A continuation of the basic childcare training required for all child care employees in the State of Florida. This course introduces the student to the appropriateness of providing quality care for children of all abilities.

HEV 0130  
**Child Growth and Development II**  
Vocational Credits 0.3  
Clock Hours 10  
A continuation of child growth and development principles primarily focusing on the characteristics of school age children.
HEV 0132
Developmentally Appropriate Activities
Vocational Credits 0.5
Clock Hours 15
Emphasizes the social, cognitive, emotional, physical and creative aspects of the child’s developmental process. Incorporates activity ideas designed to enhance these developmental areas.

HEV 0137
Learning Environments I
Vocational Credits 0.5
Clock Hours 15
Focuses on the elements of lesson planning for young children, and reviews various classroom designs. Also considers health and safety issues.

HEV 0141
Understanding and Guiding Children’s Behavior
Vocational Credits 0.3
Clock Hours 10

HEV 0142
Learning Environments II
Vocational Credits 0.3
Clock Hours 10
Focuses on various instructional strategies and curricula designs for the early childhood classroom. Reviews goals, objectives and learning outcomes for children involved in early childhood education programs.

HEV 0151
DAP/Young Child (Ages 3-5)
Vocational Credits 0.33
Clock Hours 10
A continuation of the basic childcare training required for all child care employees in the State of Florida. This course introduces the student to caring for the child ages 3-5 years in a specialized environment promoting individual learning styles and developmental readiness.

HEV 0152
The Early Childhood Professional
Vocational Credits 0.3
Clock Hours 10
Presents an overview of early childhood career options and responsibilities as an early childhood professional. Covers ethical behaviors, family relations, and positive communication techniques.

HEV 0163
Leadership
Vocational Credits 0.3
Clock Hours 10
Focuses on professional relationships, organizational skills, positive role modeling, community involvement, and other skills related to effective leadership qualities.

HEV 0164
Food and Nutrition
Vocational Credits 0.3
Clock Hours 8
A continuation of the basic child care training required for all child care employees in the State of Florida.

HEV 0172
Behavior Observation and Screening C/C
Vocational Credits 0.2
Clock Hours 6
This course is a continuation of the basic childcare training required for all childcare employees in the State of Florida. This course introduces the student to the purpose and key benefits of developmental screening in the childcare setting.

HEV 0175
DAP/Infants and Toddlers
Vocational Credits 0.3
Clock Hours 10
A continuation of the basic child care training required for all child care employees in the State of Florida. This course introduces the participant to caring for infants and toddlers in a specialized environment promoting individual learning styles and developmental readiness.

HEV 0181
Observing and Recording Behaviors
Vocational Credits 0.3
Clock Hours 10
Emphasizes various techniques and procedures used to observe children's behaviors. Also focuses on objectivity, confidentiality, and interpretations of data.

HEV 0183
Child Care Practicum I
Vocational Credits 3.3
Clock Hours 100
Provides field experience to enable the practical application of concepts and techniques relating to teaching and guiding young children appropriately.

HEV 0184
Child Care Practicum II
Vocational Credits 8.3
Clock Hours 250
A continuation of Child Care Practicum I. Emphasis is on design and implementation of appropriate schedules and activities for young children.

HEV 0185
Child Care Practicum III
Vocational Credits 4.3
Clock Hours 130
A continuation of Child Care Practicum II. A minimum of 480 hours of direct involvement with young children (birth-age 8) in an early childhood education setting must be completed. Also, competence in all CDA areas must be demonstrated upon completion of this course.
HEV 0195  
DAP/School Age Curriculum  
Vocational Credits 0.3  
Clock Hours 10  
A continuation of the basic childcare training required for all child care employees in the State of Florida. This course introduces the student to caring for children in after school settings.

HEV 0821  
Physical Changes and Aging  
Vocational Credits 3.3  
Clock Hours 100  
Examines the normal and pathological physical changes occurring from middle age through older age. Emphasis will be on basic age related changes from an applied perspective.

HEV 0831  
Depression: Recognition and Treatment  
Vocational Credits 0.7  
Clock Hours 20  
Examines depression in later life. Basic techniques and guidelines for working with depressed older adults will be presented.

HSC 0003  
Fundamentals Allied Health Occupations  
Vocational Credits 0.5  
Clock Hours 16  
This course introduces the student to skills and procedures common to allied health occupations, including basic first aid and emergency care, safety, security, proper body mechanics, vital signs, wellness, disease control, blood borne pathogens and AIDS.

PMT 0011  
Welder: Helper  
Vocational Credits 8.3  
Clock Hours 250  
This course prepares the student with knowledge of basic shop skills, gas cutting principles and practices with an understanding of basic math, science and employability skills.

PMT 0012  
Welder: Shielded Metal Arc  
Vocational Credits 8.3  
Clock Hours 250  
This course prepares the student to apply intermediate Shielded Metal Arc Welding (SMAW), examination skills, welding symbols, metal identification, cutting principles and practices. Prerequisite: PMT 0011

PMT 0013  
Welder: Gas Metal Arc  
Vocational Credits 4.16  
Clock Hours 125  
This course prepares the student to apply basic and intermediate Gas Metal Arc Welding (GMAW) skills. Prerequisite: PMT 0012

PMT 0014  
Welder: Flux Cored Arc Welding  
Vocational Credits 3.3  
Clock Hours 100  
This course prepares the student to perform safety inspections of equipment and accessories, make minor repairs and set up carbon steel FCAW operations. Prerequisite: PMT 0013

PMT 0015  
Welder: Gas Tungsten Arc  
Vocational Credits 5.8  
Clock Hours 175  
This course prepares the student to apply basic and intermediate Gas Tungsten Arc Welding (GTAW) skills. Prerequisite: PMT 0014

PMT 0016  
Welder: Pipe  
Vocational Credits 9  
Clock Hours 270  
This course prepares the student to fabricate and weld pipe joints. Prerequisite: PMT 0015

PMT 0030  
Sheet Metal Helper  
Vocational Credits 15  
Clock Hours 450  
This course prepares the student with the knowledge to demonstrate competence on all safety procedures for manufacturing technology equipment. Instruction includes an introduction to basic manufacturing safety, math, hand tools, power tools, blueprints, communication and employability skills.

PMT 0032  
Sheet Metal Fabricator  
Vocational Credits 7.5  
Clock Hours 225  
This course prepares the student to fabricate and install mechanical systems, demonstrate knowledge and skills using critical thinking and the importance of health, safety and environmental regulatory compliance. Prerequisite: PMT 0030

PMT 0033  
Architectural Fabricator  
Vocational Credits 7.5  
Clock Hours 225  
This course prepares the student to fabricate and install architectural/roofing sheet metal, use information technology tools, describe the importance of professional ethics and legal responsibility, and demonstrate personal money management procedures, strategies and concepts. Prerequisite: PMT 0032
PMT 0034
Commercial Kitchen Fabricator
Vocational Credits 7.5
Clock Hours 225
This course prepares the student to fabricate and install specialty sheet metal to include food and beverage dispensing equipment, and to demonstrate leadership and teamwork.
Prerequisite: PMT 0033

PMT 0035
Architectural Fabricator
Vocational Credits 7.5
Clock Hours 225
This course prepares the student to weld sheet metal, perform gas welding, cutting, and electrical bonding operations.
Prerequisite: PMT 0034

SCY 0010
Bail Bonds
Vocational Credits 4.0
Clock Hours 120
In this course the student will learn how to apprehend and detain defendants, surrender defendants to the proper authorities, execute and sign bonds, handle collateral receipts, and deliver bonds to the proper authorities.

SCY 0051
Private Investigation I
Vocational Credits 0.8
Clock Hours 24
Prepares secondary and postsecondary students for the unarmed Private Investigation Intermediate, Class "CC" License.

SCY 0052
Private Investigation II
Vocational Credits 0.5
Clock Hours 16
Completes the training for a Private Investigator Intern to obtain a Class "CC" license.

SLS 0341
Employability Skills
Vocational Credits 0.5
Clock Hours 15
Provides instruction on obtaining employment such as conducting a job search, identifying sources for job information, making preparations for applying for a job, preparing a resume, preparing a job application letter, completing a job application form, and interviewing for a job. Includes instruction on maintaining employment such as proper work habits and attitudes, human relations, appropriate dress and grooming, acceptable health habits and job change techniques.

SLS 0504
Critical Thinking/Problem Solving
Vocational Credits 1.6
Clock Hours 50
Provide problem solving techniques and help students learn how to apply critical thinking skills in their daily activities.