

## Health Science Cluster Program Descriptions

For more details please review the curriculum framework for each program by visiting:  
<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/>

N/A- Program that has this indicated has no Florida License for the Occupation. However, National Industry Certifications are likely available for students to earn.

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Allied Health Assisting	The content includes but is not limited to performing skills representative of one to three areas of allied health care in the laboratory and clinical settings. Major areas of allied health are defined as physical therapy, emergency, radiation, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, dentistry, or veterinary may be included, with instructor provided competencies.	N/A	Secondary
Biomedical Technician	This program is designed to prepare students for employment as biomedical technicians or (biological technicians SOC 19-4021). The content includes but is not limited to bio-tech communication and interpersonal skills, legal and ethical responsibilities, safety awareness, regulatory compliance, equipment maintenance, bio- medical terminology, anatomy and physiology, basic laboratory skills, problem solving and decision making and employability skills.	N/A	PSAV
Biotechnology Laboratory Technician (AS) -Biotechnology Laboratory	This program is designed to prepare students for employment as Biotechnology Research Technicians, Biological Technicians	N/A	College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Specialist (CCC)	<p>(SOC Code 19-4021) or cell culture technicians or biotechnology manufacturing technician and/or to supply supplemental training for persons previously or currently employed in these occupation.</p> <p>The content includes but is not limited to broad biology and chemistry concepts, algebraic and statistical analysis, basic microbiology concepts, biohazard and safety procedures, human anatomy and physiology or botany, core biotechnical laboratory techniques and industry workplace experience. It includes components designed to enhance critical thinking and technical communication skills.</p>		
Cardiovascular AS	<p>The program is designed to prepare students for employment as cardiovascular technologists, SOC Code 29-2031 (Cardiovascular Technologists and Technicians).</p> <p>The content includes but is not limited to instruction in performing examinations leading to diagnosis and treatment of patients with cardiovascular disease. A clinical component is a necessary element to a program. Reinforcement of basic skills in English, mathematics and science occurs through classroom instruction and applied laboratory practice.</p>	N/A	College Credit
<p>Central Sterile Processing Technology</p> <p>Central Sterile Processing Technologist (CCC)</p>	<p>This program is designed to prepare students for employment as central sterile processing technicians SOC Code 31-9093.00 (Medical Equipment Preparers), central service technicians.</p> <p>The content includes but is not limited to central services departmental organization and function; basic anatomy,</p>	N/A	PSAV College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
<i>-Part of the Surgical Services (AS)</i>	physiology, microbiology and chemistry related to central service activities; quality assurance; infection control and isolation techniques, principles of safety; principles, methods and controls of sterilization processes; cleaning, processing, packaging, distributing, storing, and inventory control of sterile goods, instruments, trays, and equipment; medical terminology; surgical instrumentation; basic computer skills, interpersonal and job seeking skills, fundamentals of communication, case cart management, laparoscopic specialty, orthopedic specialty, flexible scope processing , shift supervisory skills and procurement of supplies and equipment.		
Dental Aide	It is designed to prepare students for employment as dental aides specializing as dental sterilization technicians in a dental office or clinic, or to pursue advanced postsecondary dental science education.	N/A	Secondary
Dental Laboratory Assisting	The program is designed to prepare students for employment as dental laboratory technician apprentices or dental laboratory assistants pursue further education in the dental health field.	N/A	Secondary
Dental Hygiene (AS)	<p>This program is designed to prepare students for employment as dental hygienists or to provide supplemental training for persons previously or currently employed in this occupation.</p> <p>The content includes but is not limited to patient assessment, dental hygiene instrumentation and direct patient care services (scaling/root planing/curettage/radiographs/oral hygiene-instruction/expanded functions), community dental health, dental office emergencies, infection control,</p>	Regulated by the Florida Board of Dentistry : <a href="http://floridasdentistry.gov/">http://floridasdentistry.gov/</a>	College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
	special needs dental care, office management, employability skills, ethics and jurisprudence.		
Diagnostic Medical Sonography Technology (AS) -Diagnostic Medical Sonography Specialist (CCC)	<p>The program is designed to prepare students for employment as diagnostic medical sonographers SOC Code 29-2032 (Diagnostic Medical Sonographers) or to provide supplemental training for persons previously or currently employed in this occupation.</p> <p>The content includes but is not limited to anatomy, physiology and pathology of the abdominal, pelvic, and urogenital structures; physics; instrumentation; equipment standards; biological effect of ultrasound; patient care; clinical medicine; applications and limitations of ultra- sound; related diagnostic procedures; image evaluation; administration; first aid and cardiopulmonary resuscitation; employability skills; leadership and human relations skills; health and safety.</p>	N/A	College Credit
Dental Assisting Dental Assisting Technology and Management Dental Assisting Technology and Management (ATD)	<p>The program is designed to prepare students for employment as dental assistants (SOC code 31-9091).</p> <p>The content includes, but is not limited to, dental office and patient management, basic dental laboratory procedures, dental and general anatomy, dental terminology, nutrition, dental instrument and equipment utilization, microbiology, dental pharmacology and anesthesia, chairside assisting and expanded functions, dental office emergencies/CPR, dental radiography, maintenance and asepsis of dental operator and instrumentation, dental specialty procedures, employability skills, leadership and human relations skills, ethics and jurisprudence, dental materials and preventive dentistry.</p>	N/A	PSAV and College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Dental Laboratory Technology  Dental Laboratory Technology and Management	<p>The program is designed to prepare students for entry level employment as dental laboratory technicians SOC code 51-9081, denture technicians crown &amp; bridge technicians, ceramic &amp; technicians or to provide supplemental training for persons previously or currently employed in this occupation.</p> <p>The content of the program includes, but is not limited to, general studies, physical sciences, dental sciences, and dental laboratory techniques.</p>	N/A	PSAV and College Credit
Electrocardiograph Aide	<p>The program is designed to prepare students for employment as EKG Aides. The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues.</p>	N/A	Secondary
Electrocardiograph Technology	<p>The program is designed to prepare students for employment as electrocardiograph aides, electrocardiograph technicians, EKG Technicians SOC 29-2031 cardiovascular technologists and technicians or to provide supplemental training for persons previously or currently employed in this occupation.</p> <p>The content includes but is not limited to communication and interpersonal skills, overview of human anatomy and physiology with emphasis on cardiac and vascular systems, medical terminology and transcription, patient care techniques, medical instrumentation, cardiovascular drugs, interpretation of monitoring and testing results, medical ethics, cardiac wellness and rehabilitation, safe and efficient work practices, CPR, Basic Life Support (BLS) and employability skills.</p>	N/A	Secondary & PSAV

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Electroneurodiagnostic Technology	<p>The program is designed to prepare students for employment as electroneurodiagnostic technologists or SOC 29-2099 Health Technologists &amp; Technicians, all other.</p> <p>The content includes but is not limited to recording and measurement procedures, EEG techniques, EEG patterns, EP techniques, patient safety, appropriate healthcare, communication, medical terminology, ethical and legal considerations, equipment use, instrument care, troubleshooting, neuroanatomy, neurophysiology, effects of medications on tracings, nerve conduction techniques, neuropathology, basic electronics for biomedical instrumentation, patient history taking, patient rapport, neonatal studies, using portable equipment, other neurodiagnostic procedures, electrocorticography, techniques of laboratory management, polysomnographic techniques, employability skills, electrical safety, CPR and First Aide.</p>	N/A	PSAV
Emergency Medical Responder - Secondary & PSAV	<p>This is an instructional program that prepares individuals to provide initial care to sick or injured persons or as ambulance drivers and attendants .An Emergency Medical Responder may use this training for employment. The Emergency Medical Responder is the first to arrive at the scene of an injury but does not have the primary responsibility for treating and transporting the injured person(s). Emergency Medical Responders may include law enforcement, life guard, fire services or basic life support non- licensed personnel who act as part of an organized emergency medical services team.</p>	N/A	Secondary and PSAV
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Emergency Medical Services AS	The content includes but is not limited to all those objectives identified in the current U S Department of Transportation, National Standards for both the EMT and Paramedic.	Regulated by the Florida Bureau of Emergency Medical Oversight (BEMO): <a href="http://www.floridahealth.gov/licensing-and-regulation/emt-paramedics/index.html">http://www.floridahealth.gov/licensing-and-regulation/emt-paramedics/index.html</a>	College Credit
<p>Emergency Medical Technician</p> <p>Emergency Medical Technician (ATD)</p> <p>Emergency Medical Technician (CCC) <i>-Part of the Emergency Medical Services degree.</i></p>	<p>This is an instructional program that prepares students for employment as emergency medical technicians SOC Code 29- 2041(Emergency Medical Technicians and Paramedics) to function at the basic pre-hospital emergency medical technician level and treat various medical/trauma conditions using appropriate equipment and materials.</p> <p>The content includes but is not limited to : patient assessment, airway management, cardiac arrest, external and internal bleeding and shock, traumatic injuries, fractures, dislocations, sprains, poisoning, heart attack, stroke, diabetes, acute abdomen, communicable diseases, patients with abnormal behavior, alcohol and drug abuse, the unconscious state, emergency childbirth, burns, environmental hazards, communications, reporting, extrication and transportation of patient. The student must be proficient in patient assessment and evaluation, the use of suctioning devices, oral and nasal airways, resuscitation devices, oxygen equipment, sphygmomanometer and stethoscope, splints of all types, pneumatic anti-shock garments, extrication tools, dressings and bandages, stretchers and patient carrying devices.</p>	Regulated by the Florida Bureau of Emergency Medical Oversight (BEMO): <a href="http://www.floridahealth.gov/licensing-and-regulation/emt-paramedics/index.html">http://www.floridahealth.gov/licensing-and-regulation/emt-paramedics/index.html</a>	PSAV and College Credit
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Endoscopic Technician (CCC - <i>-Part of the Surgical Services degree</i> )	The program is designed to prepare students for employment as an Endoscopic Technician (SOC31-9099). The content includes but is not limited to communication and interpersonal skills, legal and ethical responsibilities, anatomy, physiology, pathophysiology, microbiology, aseptic techniques, patient care endoscopy procedures, endoscopy procedures, patient safety, use and care of equipment and supplies, CPR, Heartsaver, employability skills, basic computer literacy and endoscopic technician duties such as disinfection and processing endoscopic instruments, completing the setup and assisting during the endoscopy procedures, assisting with patient positioning and splinting as indicated, transportation of patients, and manage the endoscopy accessories, related supplies and equipment.	N/A	College Credit
Funeral Services AS	This program is designed to prepare students for employment as embalmers, funeral attendants, or funeral directors and morticians (SOC Code 119061 Funeral Directors and Morticians) or to provide supplemental training for persons previously or currently employed in these occupations  The content includes but is not limited to techniques of embalming and restorative art, mortuary administration, funeral law, public health and sanitation, human anatomy and physiology, microbiology, pathology, mortuary social science, stress management, employability skills, leadership and human relations skills, and health and safety, including CPR.	Regulated by the Florida Board of Funeral, Cemetery and Consumer Services inside of the Department of Financial Services: <a href="http://www.fldfs.com/Division/funeralcemetery/">http://www.fldfs.com/Division/funeralcemetery/</a>	College Credit



Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Florida Funeral Director (CCC) <i>-Part of the Funeral Services AS Degree</i>	<p>The program is designed to prepare students for employment as Funeral Directors SOC Code 39-4031 Morticians, Undertakers, and Funeral Directors or to provide supplemental training for persons previously or currently employed in this occupation.</p> <p>The content includes but is not limited to mortuary administration, funeral law, public health and sanitation, stress management, employability skills, leadership and human relations skills, and health and safety.</p>	Regulated by the Florida Board of Funeral, Cemetery and Consumer Services inside of the Department of Financial Services: <a href="http://www.fldfs.com/Division/funeralcemetery/">http://www.fldfs.com/Division/funeralcemetery/</a>	College Credit
Health Information Technology AS	<p>This program is designed to prepare students for employment as Health Information Technicians, Medical Record Technicians SOC Code 29-2071 (Medical Records and Health Information Technicians), or to provide supplemental training for persons previously or currently employed in these occupations.</p> <p>The content includes but is not limited to health information management, ethical and medico-legal aspects, computer information technology for health records, biomedical sciences, including anatomy and physiology, medical terminology, pharmacology and pathophysiology, health record science, computer applications, word processing, data base management, and spreadsheet, health data content, analysis and structure, statistics and data literacy, coding, clinical classification systems, reimbursement methodologies, quality assessment and performance improvement, health care delivery systems, indexing.</p>	N/A	College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Healthcare Informatics Specialist (CCC) <i>-Part of the Health Information Technology AS Degree</i>	<p>This program is designed to prepare students for employment as entry level Healthcare Informatics Specialists or to provide supplemental training for persons previously or currently employed in related health record or information technology occupations.</p> <p>The content includes but is not limited to biomedical sciences, medical terminology, healthcare delivery systems, basic principles of healthcare informatics; electronic health/medical record systems; data and workflow management concepts; and project management skills specific to healthcare informatics, ethical and legal concepts, health data content, and employability skills.</p>	N/A	College Credit
Surgical Services AS	<p>The purpose of the program is to prepare students for employment in a specialized healthcare field.</p> <p>The content includes but is not limited to communication skills, leadership skills, human relations, interpersonal skills, legal and ethical responsibilities, employability skills, anatomy, medical terminology, microbiology and infection control, the health care organization, health, safety and quality, use and care of standard equipment and supplies, CPR/Heartsaver, and basic computer literacy. The Health Science Core must be taken by all students (secondary, postsecondary adult and postsecondary vocational) planning to complete any Health Occupations program. Once successfully completed, the core does not need to be repeated at any instructional level.</p>	N/A	College Credit
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Health and Wellness/Exercise Science	The purpose of this program is to prepare students for the wellness and fitness marketplace and its various components such as instructing or coaching groups or individuals in exercise activities and the fundamentals of an individual's health and wellness. Personal trainers demonstrate techniques and methods of participation and observe participants and inform them of corrective measures necessary to improve their skills and personal health.	N/A	Secondary
Health Unit Coordinator - Secondary Health Unit Coordinator/Monitor Technician	This program prepares students to be employed as Health Unit Coordinators/Health Unit Clerks. Content includes, but is not limited to, medical terminology, organization and efficiency in the workplace, computer operations, as well as aiding in Physicians' orders.	N/A	Secondary and PSAV
Hemodialysis Technician	The content includes but is not limited to communication and interpersonal skills, legal and ethical responsibilities, renal health- illness concepts, hemodialysis skills, emergency procedures including CPR and first aid, safety and security procedures, medical terminology, anatomy and physiology, and employability skills.	N/A	PSAV
Health Services Management AS -Health Care Services (CCC)	The purpose of this program is to prepare students for employment as health services managers. SOC Code 11-9111 (Medical and Health Services Managers) or health service administrators or to provide supplemental training for persons previously or currently employed in these occupations.	Regulated by the Florida Board of Nursing Home Administrators: <a href="http://floridasnursinghomeadmin.gov/">http://floridasnursinghomeadmin.gov/</a>	College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Histologic Technology AS	<p>The purpose of this program is to prepare students for employment as tissue technologists SOC Code 29-2011 (Medical and Clinical Laboratory Technologists) or histotechnicians or to provide supplemental training for persons previously or currently employed in these occupations.</p> <p>The content includes but is not limited to preparation of tissue specimens of human and animal origin for research, teaching purposes, or diagnosis of body dysfunction and malignancy. A clinical component is a necessary element of this program.</p>	<p>Partially Regulated by the Florida Board of Clinical Laboratory Personnel: <a href="http://floridasclinicallabs.gov/">http://floridasclinicallabs.gov/</a></p>	College Credit
Home Health Aide – Secondary & PSAV	<p>This program is designed to prepare students for employment as home attendants or home health aides (SOC 31-1011).</p> <p>The content includes, but is not limited to, instruction in those supportive services that are required to provide and maintain bodily and emotional comfort and to assist the patient toward independent living in a safe environment.</p>	<p>Federal Regulations: <b>42CFR§484.36</b></p>	Secondary and PSAV
Massage Therapy	<p>The program is designed to prepare students for employment as Florida licensed massage therapists, all other service workers. SOC Code 31-9011-(Massage Therapists)</p> <p>The content includes but is not limited to the theory and practice of massage, theory and practice of hydrotherapy, hygiene, practice demonstration, human anatomy and physiology, legal aspects of massage practice, allied modalities, leadership.</p>	<p>Regulated by the Florida Board of Massage Therapy : <a href="http://floridasmassagetherapy.gov/">http://floridasmassagetherapy.gov/</a></p>	PSAV

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
<p>Medical Assisting Medical Assisting Advanced AS</p>	<p>The content includes but is not limited to communication, transcultural communication in healthcare, interpersonal skills, legal and ethical responsibilities, health-illness concepts, administrative and clinical duties, emergency procedures including CPR and first aid, emergency preparedness, safety and security procedures, medical terminology, anatomy and physiology, and employability skills</p>	<p>N/A</p>	<p>PSAV College Credit</p>
<p>Medical Coder/Biller  Medical Coder/Biller (ATD) <i>- Part of the Health Information Technology AS degree</i>  Medical Information Coder/Biller (CCC) <i>-Part of the Health Information Technology AS degree</i></p>	<p>The program is designed to prepare students for employment in a variety of health care settings as entry level coder, medical record coder, coding technician, or coding clerks, or medical coder/biller or SOC Code 29-2071(Medical Records and Health Information Technicians) The</p> <p>The content includes but is not limited to medical terminology, anatomy and physiology, coding systems, fundamentals of disease process including pharmacology, health care delivery systems, basics of medical records services, ethical and legal responsibilities, safety/security procedures, basic data processing, and employability skills.</p>	<p>N/A</p>	<p>PSAV and College Credit</p>
<p>Medical Education Simulator Technician</p>	<p>This program is designed to prepare students for employment as a Medical Education Simulator Technician (Health technologists and technicians, all others SOC #29-2099). This program offers a broad foundation of knowledge and skills to prepare students for employment in the clinical inpatient, clinical outpatient and research settings.</p>	<p>N/A</p>	<p>PSAV</p>

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Medical Laboratory Assisting - Secondary & PSAV	The program is designed to prepare students for employment as medical/clinical lab technicians.	N/A	Secondary and PSAV
Medical Laboratory Technology AS	<p>The purpose of this program is to prepare students for employment as medical/clinical laboratory technicians SOC Code 29-2011 (medical clinical laboratory technologist) or medical laboratory technologists (associate degree) or to provide supplemental training for persons previously or currently employed in these occupations.</p> <p>The content includes but is not limited to specific techniques and instruments, identification of factors directly affecting procedures and results, confirmation of results and monitoring quality control programs within pre-determined parameters, and correction of errors using pre-set standards. A clinical component is a necessary element of this program.</p>	Regulated by the Florida Board of Clinical Laboratory Personnel: <a href="http://floridasclinicallabs.gov/">http://floridasclinicallabs.gov/</a>	College Credit
Medical Clinical Laboratory Technician (NEW) (ATD) -Articulates into Medical Laboratory Technology AS Degree	<p>The purpose of this program is to prepare students for employment as medical/clinical laboratory technicians SOC Code 29-2011 (medical clinical laboratory technologist).</p> <p>The content includes but is not limited to didactic and laboratory performance of routine procedures in hematology, immunology, urinalysis, immunochemistry, microbiology and clinical chemistry including the use of common laboratory instruments. A</p>	Regulated by the Florida Board of Clinical Laboratory Personnel: <a href="http://floridasclinicallabs.gov/">http://floridasclinicallabs.gov/</a>	PSAV and College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
	clinical component is a necessary element of this program.		
<p>Medical Record Transcribing/Healthcare Documentation</p> <p>Medical Record Transcribing /Healthcare Documentation (ATD) <i>-Articulates into Health Information Technology (AS Degree)</i></p>	<p>This program is designed to prepare students for employment as SOC 31-9094 Medical Transcriptionists.</p> <p>The content includes but is not limited to medical terminology, anatomy and physiology, grammar and punctuation, health care delivery systems, health information services, ethical and legal responsibilities, safety/security procedures, word processing/ transcription skills and employability skills.</p>	N/A	PSAV and College Credit
<p>Nuclear Medicine Technology AS <i>-Nuclear Medicine Technology Specialist (CCC)</i></p>	<p>This program is designed to prepare students for employment as radiologic technologists or nuclear medicine technologists, SOC Code-29-2033 (Nuclear Medicine Technologists) or to provide supplemental training for persons previously or currently employed in this occupation.</p> <p>The content includes but is not limited to the utilization of radioactive materials for diagnostic and therapeutic procedures, patient care, administrative functions, health and safety including CPR.</p>	<p>Regulated by the Bureau of Radiation Control: <a href="http://www.floridahealth.gov/environmental-health/radiation-control/">http://www.floridahealth.gov/environmental-health/radiation-control/</a></p>	College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Nursing (Associates Degree) R.N.	<p>The purpose of this program is to prepare students for employment as registered nurses SOC Code 29.1141 (Registered Nurses).The Health Careers Core must be taken by all students (secondary and postsecondary adult) planning to complete any Health Occupations program. Once successfully completed, the core does not need to be repeated at any instructional level.</p> <p>The content includes but is not limited to , theoretical instruction and clinical experience in medical, surgical, obstetric, pediatric, and geriatric nursing; theoretical instruction and clinical experience in acute, care, long term care and community settings; theoretical instruction and clinical application of vocational role and function; personal, family and community health concepts; nutrition; human growth and development over the life span; body structure and function; interpersonal relationship skills, mental health concepts; pharmacology and administration of medications; legal aspects of practice; and current issues in nursing.</p>	Regulated by the Florida Board of Nursing: <a href="http://floridasnursing.gov/">http://floridasnursing.gov/</a>	College Credit
Nursing Assistant (Acute and Long Care) - Secondary  Nursing Assistant (Long Term Care)  Nursing Assistant (Articulated)	This course is designed to prepare students for employment as nursing assistants in nursing homes, hospitals, or other health care facilities. The content includes, but is not limited to, interpersonal skills, medical terminology, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, pet-facilitated therapy, health and safety including Cardio-pulmonary Resuscitation (CPR) – heart saver level, and employability skills.	Regulated by the Florida Board of Nursing: <a href="http://floridasnursing.gov/">http://floridasnursing.gov/</a>	Secondary and PSAV
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Optometric Assisting	<p>The purpose of this program is to prepare students for employment as optometric assistants or SOC 29-2081 Opticians, Dispensing.</p> <p>The content includes but is not limited to basic instruction in anatomy and physiology, CPR, Heartsaver, office practices and dispensing of visual devices. Because optometrists now deal with certain drugs, students need knowledge of diagnostic and therapeutic drugs under supervision.</p>	N/A	PSAV
Orthopedic Technology	<p>The Orthopaedic Technologist (OT) is a specifically trained allied health care individual who assists the orthopaedic surgeon in the practice of medicine. An OT is an extension of the orthopaedic surgeon and assists in the care of sick and disabled persons. An OT is responsible for instructing patients about the dangers of this form of treatment. An OT has the skill to remove casts with care and fragility, is equipped with the general principles of traction techniques, prepares or sets up specific types of traction requested by the orthopaedic surgeon and is able to assess patients in traction, detect deficiencies in the apparatus and make adjustments as necessary.</p>	N/A	PSAV

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Orthotics & Prosthetics Technology AS	<p>This program is designed to prepare students for employment as Orthotic and Prosthetic Technicians (SOC Code 51-9082.00: Medical Appliance Technicians) with multiple specialty options including Orthotic Fitter, Pedorthist, Mastectomy Fitter and CAD/CAM specialist.</p>	<p>Regulated by the Florida Board of Orthotists and Prosthetists:  <a href="http://floridasorthotistsprosthetists.gov/">http://floridasorthotistsprosthetists.gov/</a></p>	
Occupational Therapy Assistant AS	<p>The purpose of this program is to prepare students for employment as occupational therapy assistants SOC Code 31-2011 (Occupational Therapist Assistants), or to provide supplemental training for persons previously or currently employed in this occupation. The program has been developed to prepare graduates as entry-level generalists and to offer a broad exposure to delivery model systems through academic and fieldwork education including preparation to assist an occupational therapist in implementing the plan of therapy for a patient prescribed by a physician.</p> <p>The content includes but is not limited to communication and interpersonal skills, health-illness-health concepts, specific life tasks and skills, the study and application of occupational therapy principles, cultural competencies, professional behaviors, and employability skills, health and safety including CPR, anatomy and physiology, kinesiology, psychology, sociology, and gerontology.</p>	<p>Regulated by the Florida Board of Occupational Therapy:  <a href="http://floridasoccupationaltherapy.gov/">http://floridasoccupationaltherapy.gov/</a></p>	College Credit
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Ophthalmic Technician AS	<p>The purpose of this program is to prepare students for employment as ophthalmic technicians, optical goods workers SOC Code 29-2099 (Health Technologists and Technicians, All Other) or provide supplemental training for persons previously or presently employed in this occupation.</p> <p>The content includes but is not limited to (1) to perform specified ophthalmologic tests and procedures with skill, (2) understand and practice the art of ophthalmologic assisting, thereby providing the patient with medical care of the highest quality and accuracy, (3) to become members of the health care team who contribute to the physical and psychological comfort of the patient, (4) to provide a system of quality assurance for both equipment and treatment delivery, (5) and to understand the importance of maintaining membership in the professional organizations and keeping abreast of the changes in the field of ophthalmology.</p>	N/A	College Credit
Ophthalmic Laboratory Technician (CCC ) <i>-Part of the Opticianry Degree</i>	<p>The purpose of this program is to prepare students for employment as Ophthalmic Laboratory Technicians. SOC Code 51-9083 (Ophthalmic Laboratory Technicians).</p> <p>The content includes but is not limited to basic instruction in anatomy and physiology, CPR, Heartsaver, office practices and dispensing of visual devices. Because optometrists now deal with certain drugs, students need knowledge of diagnostic and therapeutic drugs under supervision.</p>		College Credit
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
<p>Eye Care Technician (CCC) <i>-Part of the Opticianry Degree</i></p>	<p>The purpose of this program is to prepare students for employment as Eye Care Technicians. SOC Code 31-9099 (Healthcare Support Workers, All Other)</p> <p>The content includes but is not limited to basic instruction in anatomy and physiology, CPR, Heartsaver, office practices and dispensing of visual devices. Because optometrists now deal with certain drugs, students need knowledge of diagnostic and therapeutic drugs under supervision.</p>	<p>N/A</p>	<p>College Credit</p>
<p>Opticianry AS</p>	<p>This program is designed to prepare students for employment as dispensing opticians, optician apprentices, dispensing), opticians: dispensing and measuring SOC Code 29-2081 (Opticians, Dispensing) or to provide supplemental training for persons previously or currently employed in these occupations.</p> <p>The content includes but is not limited to lens surfacing, finishing and mounting; dispensing of completed prescriptions; fitting contact lenses; frame repair, business management techniques and human relations.</p>	<p>Regulated by the Florida Board of Opticianry: <a href="http://floridasopticianry.gov/">http://floridasopticianry.gov/</a></p>	<p>College Credit</p>
<p>Optical Management AS</p>	<p>The program is designed to prepare students for employment as an Optical Manager, SOC Code 11-9111 (Medical and Health Services Managers) or to provide supplemental training for persons previously or currently employed in these occupations.</p>	<p>N/A</p>	<p>College Credit</p>

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Paramedic  Paramedic (CCC) <i>-Part of the Emergency Medical Services AS degree.</i>	<p>This is an instructional program that prepares students for employment as paramedics SOC 29-2041 (Emergency Medical Technicians &amp; Paramedics) to function at the basic pre-hospital emergency medical technician - paramedic level and treat various medical/trauma conditions, using appropriate equipment and materials.</p> <p>The content includes but is not limited to: patient assessment, advanced airway management, cardiovascular emergencies, external and internal bleeding and shock, traumatic injuries, fractures, dislocations, sprains, poisoning, heart attack, stroke, diabetes, pharmacology, medication administration, respiratory emergencies, endocrine emergencies, acute abdomen, communicable diseases, patients with abnormal behavior, substance abuse, the unconscious state, emergency childbirth, pediatric and geriatric emergencies, burns, environmental hazards, communications, documentation, extrication, mass casualty incident, incident command system, and transportation of patient.</p>	Regulated by the Florida Bureau of Emergency Medical Oversight (BEMO): <a href="http://www.floridahealth.gov/licensing-and-regulation/emt-paramedics/index.html">http://www.floridahealth.gov/licensing-and-regulation/emt-paramedics/index.html</a>	PSAV and College Credit
Patient Care Assistant Patient Care Technician	<p>This program is designed to prepare students for employment as cross trained nursing assistants (SOC 31-1014 Nursing Assistants). All others, Patient Care Assistants, Nursing Aides and Orderlies, or Home Health Aides. This program offers a broad foundation of knowledge and skills, expanding the traditional role of the nursing assistant, for both acute and long term care settings.</p>	Partially Regulated by the Florida Board of Nursing: <a href="http://floridasnursing.gov/">http://floridasnursing.gov/</a>	PSAV
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Phlebotomy	<p>The purpose of this program is to prepare students for employment as phlebotomists SOC Code 31-9099, Healthcare Support Workers, All other.</p> <p>The content includes but is not limited to communication, leadership, human relations, and employability skills; performance of safe and efficient work practices in obtaining adequate and correct blood specimens by capillary or venipuncture on adults, children and neonates; maintaining the integrity of the specimen in relation to the test to be performed; preparing blood smears; labeling specimens accurately and completely; collecting timed specimens; promoting the comfort and well-being of the patient while performing blood collecting duties; observing safety policies and procedures;</p>	N/A	PSAV
Physical Therapist Assistant AS	<p>The purpose of this program is to prepare students for employment as physical therapist assistants SOC Code 31-2021 (Physical Therapist Assistants).</p> <p>The content includes but is not limited to the requirements of the Commission on Accreditation in Physical Therapy Education/American Physical Therapy Association, 1111 North Fairfax Street, Alexandria, VA 22314, (703) 684-2782.</p>	Regulated by the Florida Board of Physical Therapy: <a href="http://floridasphysicaltherapy.gov/">http://floridasphysicaltherapy.gov/</a>	College Credit
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Psychiatric Technology Mental Health Technician	<p>he purpose of this program is to prepare students for employment as psychiatric aides or psychiatric technicians (SOC 29-2053).</p> <p>The content includes but is not limited to nursing assistant skills, physical assessment, depression, schizophrenia, personality disorders, charting, obsessive compulsive behavior, anxiety values, crisis intervention, coma, hallucinations, organic brain syndrome, manic/depressive illness, electro convulsive therapy, group therapy, medications, adjunctive therapy, employability skills, leadership and human relations skills, and health and safety, including CPR.</p>	N/A	PSAV
Pharmacy Technician - Secondary  Pharmacy  Technician  Pharmacy  Management (AS) -Pharmacy Technician (ATD)	<p>The program is designed to prepare students for employment as pharmacy technicians SOC 29-2052</p> <p>The content includes but is not limited to metric system, medical terminology, medicinal drugs, pharmaceutical compounding, USP 795 standards, sterile techniques, USP 797 standards, maintenance of inventory, IV preparation, receiving and handling of hazardous materials, preparing purchase orders, receiving and checking supplies purchased, printing labels, typing prescription labels, delivering medications, pricing prescription drug orders and supplies, prepackaging unit dose packages, patient record systems, control records, data processing automation in pharmacy.</p>	Regulated by the Florida Board of Pharmacy: <a href="http://floridaspharmacy.gov/">http://floridaspharmacy.gov/</a>	Secondary and PSAV

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Practical Nursing	<p>This program is designed to prepare students for employment as licensed practical nurses (SOC 29-2061). The program must be approved by the Florida State Board of Nursing so the graduate may apply to take the examination to practice as a Licensed Practical Nurse.</p> <p>The content includes, but is not limited to, theoretical instruction and clinical experience in medical, surgical, obstetric, pediatric, and geriatric nursing; theoretical instruction and clinical experience in acute, care, long term care and community settings; theoretical instruction and clinical application of vocational role and function; personal, family and community health concepts; nutrition; human growth and development over the life span; body structure and function; interpersonal relationship skills, mental health concepts; pharmacology and administration of medications; legal aspects of practice; and current issues in nursing.</p>	Regulated by the Florida Board of Nursing: <a href="http://floridasnursing.gov/">http://floridasnursing.gov/</a>	Secondary and PSAV
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Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Radiation Therapy AS -Radiation Therapy Specialist	<p>The purpose of this program is to prepare students for employment as Radiation Therapy Technologist SOC Code 29-1124 (Radiation Therapists) or to provide supplemental training for persons previously or presently employed in these occupations.</p> <p>The content includes but is not limited to performing radiation therapy procedures with skill and understanding to practice the art and science of radiation therapy technology; to administer the prescribed radiation therapy treatments of the highest caliber, thereby providing the patient treatments of the highest quality and accuracy; to become members of the health care team that contributes to the physical and psychological comfort of the patient, to provide radiation protection to the patient, self and health care team;</p>	<p>Regulated by the Bureau of Radiation Control:  <a href="http://www.floridahealth.gov/environmental-health/radiation-control/">http://www.floridahealth.gov/environmental-health/radiation-control/</a></p>	College Credit
Radiography AS	<p>The purpose of this program is to prepare students for employment as Radiographers, Radiologic Technologists SOC Code 29-2034 (Radiologic Technologists/Technicians) or to provide supplemental training for persons previously or presently employed in these occupations.</p> <p>The content includes but is not limited to introduction to radiography, medical ethics and law, medical terminology, methods of patient care, human structure and function, radiographic procedures, principles of radiographic exposure, imaging equipment, radiographic film processing, evaluation of radiographs, radiation physics, principles of radiation protection, principles of radiation biology, radiographic pathology,</p>	<p>Regulated by the Bureau of Radiation Control:  <a href="http://www.floridahealth.gov/environmental-health/radiation-control/">http://www.floridahealth.gov/environmental-health/radiation-control/</a></p>	College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Respiratory Care AS	<p>This program trains students for the occupation of Respiratory Therapist (SOC Code 29-1126) or to provide supplemental training for persons previously or currently employed in these occupations. The respiratory therapist specializes in the application of scientific knowledge and theory to practical, clinical problems of respiratory care.</p> <p>The content includes but is not limited to quality control of all units, intermittent positive pressure breathing (IPPB); humidity/aerosol therapy; medical gas administration; broncho-pulmonary drainage; mechanical ventilation; airway management; emergency care; pulmonary function testing; cardiopulmonary rehabilitation; measurement and reporting of cardiopulmonary sampling, infection control; cardiopulmonary drug administration, physiologic monitoring, and special advanced procedures.</p>	<p>Regulated by the Florida Board of Respiratory Care: <a href="http://floridasrespiratorycare.gov/">http://floridasrespiratorycare.gov/</a></p>	College Credit
<p>Surgical First Assisting (AS)</p> <p>-Surgical First Assistant (CCC)</p>	<p>The program is designed to prepare students for employment as a Surgical First Assistant Expanded Function (Surgical technologists is SOC 29-2055).</p> <p>The content includes, but is not limited to, communication and interpersonal skills, legal and ethical responsibilities, anatomy, physiology, pathophysiology, microbiology, aseptic techniques, patient care procedures, surgical procedures, patient safety, use and care of equipment and supplies, CPR, Heartsaver, employability skills, basic computer literacy and surgical first assistant skills such as preoperative duties, aid in exposure, hemostasis.</p>	N/A	College Credit

Program Title(s)	Occupation and Content description	Regulating Agency if Applicable:	Levels offered: Secondary PSAV College Credit
Surgical Technology  Surgical Technology Specialist (CCC) <i>-Part of the Surgical Services (AS)</i>	The program is designed to prepare students for employment as surgical technologists SOC 29-2055. Selected portions of this program may be utilized to provide additional skills to enable nursing graduates to become employable in operating rooms as surgical technologists. The content includes but is not limited to communication and interpersonal skills, legal and ethical responsibilities, anatomy, physiology, pathophysiology, microbiology, aseptic techniques, patient care procedures, surgical technology procedures, patient safety, use and care of equipment and supplies, CPR, Heartsaver, employability skills, and basic computer literacy.	N/A	PSAV and College Credit
Vision Care Assisting	This program is designed to prepare students for employment as vision care assistants (Industry Title) at the aide level to assist opticians: dispensing and measuring, lens grinders, and other trained workers in the field of optics SOC 29-2081 (Opticians, Dispensing).	N/A	Secondary