OTECH DUAL ENROLLMENT – 2020-2021 PROGRAM OVERVIEW

	HEALTH SCIENCE			HOSPITALITY & TOURISM
PROGRAM	PHARMACY TECHNICIAN	MEDICAL ASSISTING	MEDICAL CODER/BILLER	PROFESSIONAL CULINARY ARTS & HOSPITALITY
OVERVIEW	The mission of this program is to enhance patient care, reduce medication errors, and promote wellness and to provide quality patient care. The content includes but is not limited to medical terminology, medicinal drugs, sterile techniques, IV preparation, handling hazardous materials, patient record systems, and CPR.	The mission of this program is to prepare students for employment as certified or registered medical assistants in doctor's offices, outpatient centers, and ambulatory clinics. The content includes but is not limited to legal & ethical responsibilities, health-illness concepts, CPR & first aid, medical terminology, anatomy and physiology.	The mission of this program is to prepare students for employment as certified medical coders & billers in doctor's offices, outpatient centers, and ambulatory clinics. The content includes but is not limited to medical terminology, coding systems, fundamentals of disease process, pharmacology, basics of medical records services.	The mission of this program is to prepare students for entry-level positions in the food service/hospitality industry. The content includes but is not limited to preparation, presentation, and serving of a wide variety of foods; leadership, communication skills, employability skills, and safe/efficient work practices are also covered.
LICENSURE/CERTIFICATION	✓ Pharmacy Technician Certification Board (PTCB) ✓ Pharmacy Technician Certification Exam ✓ Basic Life Support (BLS) & Basic First Aid ✓ State Board Pharmacy Registration *Pharmacy Technicians are required to register with the State of Florida to be eligible to work in the field of Pharmacy.*	✓ Registered Medical Assistant Exam ✓ Registered Phlebotomy Technician Exam ✓ Basic Life Support (BLS) & Basic First Aid	✓ Basic Life Support (BLS) & Basic First Aid ✓ American Academy of Professional Coders (AAPC) Exam	✓ ServSafe Exam
COMPLETION TIME & SCHEDULING	1050 hours Part-Time: Junior & Senior Year	1300 hours Part-Time: Junior & Senior Year	1110 hours Part-Time: Junior & Senior Year	1200 hours Part-Time: Begins 2nd semester 10th grade, cont. Junior & Senior Year
COMPLETION UPON HS GRADUATION (Provided all academic and attendance requirements are met)	YES	NO *Students will need to return the summer after graduation to finish the program and clinicals.	YES	YES

OTECH DUAL ENROLLMENT – 2020-2021 PROGRAM OVERVIEW

	ARCHITECTURE & CONSTRUCTION			
PROGRAM	BUILDING CONSTRUCTION TECHNOLOGIES	ELECTRICITY	HEATING, VENTILATION, AIR-COND/REFRIGERATION (HVAC)	PLUMBING
OVERVIEW	The purpose of this program is to prepare students for employment or advanced training in the building construction industry. This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Architecture & Construction career cluster.	The mission of this program is to ensure all learners acquire the skills, knowledge, and attitudes necessary to succeed in the electrical field. The electricity program is designed to prepare students for employment as an electrician's helper and provides the foundation for advancement into journeyman and master electrician training.	The mission of the program is to prepare students for employment as Heating, Ventilation, Air Conditioning, and Refrigeration Technicians and to provide advanced training to the heating, air conditioning, ventilation, and refrigeration industry.	The Plumbing program prepares students with the know-how and expertise to gain entry-level employment as a plumber. The content includes but is not limited to reading construction documents, understanding building codes in the pipe trades, plumbing pipe-cutting-and-joining skills, and plumbing layout and installation.
LICENSURE/CERTIFICATION	✓ OSHA ✓ CPR ✓ National Center for Construction Education (NCCER) Core Curriculum	✓ National Center for Construction Education & Research for Electricity (NCCER) Level 1 & Core ✓ OSHA ✓ First Aid and CPR	✓ NATE ✓ Environmental Protection Agency (EPA) Certification ✓ OSHA ✓ CPR	✓ National Center for Construction Education & Research for Plumbing (NCCER) Core & Level 1-4 ✓ OSHA ✓ CPR
COMPLETION TIME & SCHEDULING	1050 hours Part-Time: Junior & Senior Year *Only available at St. Cloud Campus. Requires student self-transportation.	1200 hours Part-Time: Junior & Senior Year	1350 hours Part-Time: Junior & Senior Year	1080 hours Part-Time: Junior & Senior Year
COMPLETION UPON HS GRADUATION (Provided all academic and attendance requirements are met)	YES	YES* *Includes required summer program between Junior and Senior year.	YES	YES

	MANUFACTURING	**TRANSPORTATION, DISTRIBUTION & LOGISTICS**		**BUSINESS MANAGEMENT & ADMINISTRATION**
PROGRAM	CNC PRODUCTION SPECIALIST	AUTOMOTIVE MAINTENANCE & LIGHT REPAIR TECHNICIAN	DIESEL SYSTEMS TECH 1	ACCOUNTING OPERATIONS
OVERVIEW	The CNC Production Specialist prepares students for entry into the CNC machining industry. Students study workplace safety & organization, job-related mathematics, basic blueprint information, metrology, the history of manufacturing & primary/secondary manufacturing processes, geometric dimension and tolerance, operation of drill presses, CNC control panels, machine systems, lathe & mill operations, and maintenance & troubleshooting.	The mission of this program is to prepare students for employment and/or specialized training in the automotive industry. Hands-on training for Automotive Service Technician is provided in both classroom and automotive workshops. The student will train on both foreign and domestic vehicles. The Automotive program is NATEF (National Automotive Technician Education Foundation) certified and is eligible for articulated college credit.	The Diesel Systems Technician 1 program prepares students with the know-how and expertise to gain entry-level employment as a Bus and Truck Mechanics and Diesel Engine Specialists.	The mission of this program is to prepare for further education & careers such as an Information Technology Assistant, Accounting Clerk, and Accounting Assistant. The content includes but is not limited to double-entry accounting principles; methods of recording business transactions; preparation & analysis of various documents & financial statements; payroll records & tax forms; accounting control systems; account and transaction analysis.
LICENSURE/CERTIFICATION	✓ CNC Production Specialist	✓ Automotive Service Excellence (ASE) ✓ OSHA ✓ CPR ✓ 608 Refrigerant Test	✓ OSHA ✓ CPR / First Aid ✓ ASE Med/Heavy Truck Tech: Brakes, Diesel Engine, Electrical Systems	✓ TBA
COMPLETION TIME & SCHEDULING	600 hours Part-Time: Junior & Senior Year	600 hours Part-Time: Junior & Senior Year	1050 hours Part-Time: Junior & Senior Year *Only available at St. Cloud Campus. Requires student self-transportation.	900 hours Part-Time: Junior & Senior Year
COMPLETION UPON HS GRADUATION (Provided all academic & attendance requirements are met)	YES	YES	YES	YES

OTECH DUAL ENROLLMENT – 2020-2021 PROGRAM OVERVIEW

	ARTS, A/V TECHNOLOGY & COMMUNICATION	INFORMATION TECHNOLOGY	
PROGRAM	DIGITAL DESIGN	APPLIED CYBERSECURITY	NETWORK SUPPORT SERVICES
OVERVIEW	The Digital Design program offers a broad foundation of knowledge and skills to prepare students for employment in digital publishing and graphic design. The content includes, but is not limited to, enhanced practical experiences in computer-generated art and text, graphic design, graphic production, electronic design skills, preparation of electronic layouts and illustrations, and electronic scanning, and development of specialized skills in multimedia presentations.	The mission of the Applied Cybersecurity Course is to provide students with essential technical skills in preparation for further education and/or cybersecurity-related careers. The Student will learn the basics of Information Security including topics such as firewalls, intrusion prevention, and physical security. This course incorporates numerous hands-on exercises along with interactive activities.	The mission of this program is to provide students with the training needed to become industry certified as computer network administrators. The content includes but is not limited to instruction in computer literacy; software application support; basic hardware configuration and troubleshooting; networking technologies, troubleshooting, security, and administration; and customer service and human relations skills.
LICENSURE/CERTIFICATION	✓ Microsoft Office Specialist Certification (MOS) ✓ ACA Adobe InDesign ✓ ACA Adobe Photoshop ✓ ACA Adobe Illustrator ✓ ACA Adobe Premiere Pro ✓ ACA Adobe Dreamweaver	✓ CompTIA Network + ✓ CompTIA Security +	✓ Microsoft Office Specialist (MOS) ✓ CompTIA A+ ✓ CompTIA Network + ✓ Cisco Certified Network Associate (CCNA)
COMPLETION TIME & SCHEDULING	1200 hours Part-Time: Junior & Senior Year	750 hours Part-Time: Junior & Senior Year	1050 hours Part-Time: Junior & Senior Year
COMPLETION UPON HS GRADUATION (Provided all academic & attendance requirements are met)	YES* *Student needs to complete the Digital Information Technology at PATHS prior to 11th grade.	YES	YES