		Stude		Advanced Manufa		Study sequence				
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, T	echnology Fees, and/or L responsibility.	Lab Fees are the students
снѕ	Mechatronics	The Mechatronics program of study is designed for students interested in becoming a mechatronics technician, electrical technician, mechanical engineering technician, robotics technician, or mechatronics engineer. Course content focuses on the components of manufacturing systems, collection and analysis of quality data, electronics, mechanics, fluid power systems, computers and control systems, and technical documentation and troubleshooting. Upon completion of this program of study, proficient students will be prepared to pursue industry certification.	Principles of Manufacturing Industry Certification: OSHA 10	Robotics & Automated Systems Industry Certification: Fanuc	Mechatronics I	Mechatronics II Industry Certification: Level 1 Siemens Certified Mechatronic Systems Assistant	Dual Enrollment Code	ENGT 1000 ENGT 1020 ENGT 1200 ENGT 1120		

				re, Food, and Nat						
School(s) Offering	Program of Study	Stude Program of Study Description	nts must plan to take these o	ourses sequentially and not s Year 2	skip around in the Program of Year 3	Study sequence Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
Program of Study								The cost of Textbooks, Te	echnology Fees, and/or I responsibility.	ab Fees are the studen
MCHS Academy NWHS	Veterinary & Animal Science	The Veterinary and Animal Science program of study is designed to prepare students to further their education for rewarding careers related to both companion and farm animals. This program of study provides rigorous technical skill courses that contribute to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, and employment skills. Course content covers such topics as principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and the anatomical/physiological systems of a range of small and large animals. Upon completion of this program of study, students will be prepared to pursue further study in the veterinary and animal sciences at the postsecondary level or to seek gainful employment.	Agriscience Industry Certification: OSHA 10 for Agriculture	Small Animal Science	Large Animal Science	Veterinary Science Industry Certification: TN Specific Industry Certification Animal Science	Dual Enrollment Code 4065	AGRI 1310 AGRI 2500	ANSC 110 ANSC 210 ANSC 230 ANSC 260 ANSC 270	
				Supervised Agricultu	ıral Experience (5964)					
CHS MCHS Academy	Horticulture Science	Horticulture Science is a broad and diverse program of study ranging from improving human environment to producing fruits and vegetables to managing of recreational and sports turf. Upon completion of this program of study, proficient students will be prepared for careers in the management of greenhouse operations, horticulture production, landscape design and maintenance, and turf management industries or further study in the horticultural, or plant sciences.	Agriscience Industry Certification: OSHA 10 for Agriculture	Principles of Plant Science and Hydroculture	Greenhouse Management	Landscaping and Turf Science Industry Certification: Commercial Pesticide Certification or Industry Certification: TN Specific Industry Certification Horticulture Science	Dual Enrollment Code	AGRI 1410/11 AGRI 2210/11 AGRI 2500	PLSC 110	
				Supervised Agricultu	ural Experience (5964)	1	-			

		Stude		rchitecture & Cor	ntruction skip around in the Program of	Study sequence				
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, Tec	hnology Fees, and/or L responsibility.	ab Fees are the studen
MCHS NEHS RHS WCHS	Structural Systems	The Structural Systems program of study prepares students with the knowledge and skills related to residential and commercial carpentry. Course content covers wood, metal, and concrete building materials, fasteners, hand and power tools, fabrication based on construction plans, framing of platform and post-and-beam structures, stairs, structural loads, installation and trim of windows and doors, installation and repair of gypsum wallboard, exterior finish work, cabinet installation, and thermal and moisture protection. The fourth level course, Construction Practicum, places students with industry partners to complete a capstone construction project. Upon completion of the program of study, students will be equipped for workforce entry, apprenticeships, or to continue training at the postsecondary level.	Fundamentals of Construction Industry Certification: OSHA 10 for Construction	Structural Systems I	Structural Systems II (2 Credits) Industry Certification: OSHA 30		Dual Enrollment Code	ENGT 1200 CCET 1210 CCET 2500 CCET 2540 CCET 2600 CCET 2700* CCET 2750 CCET 2840		
кнѕ	Mechanical, Electrical, & Plumbing (MEP)	The Mechanical, Electrical, & Plumbing Systems program of study prepares students to install, service, and maintain building equipment. Course content is arranged around four sequenced, progressive courses that provide students with the opportunity to understand the principles behind mechanical, electrical, & plumbing systems, to apply basic installation skills, and to safely use and maintain appropriate tools, equipment, and resources to accomplish project goals. The MEP Systems course introduces students to the physical principals involved with these systems and the fundamental skills needed to work with them. In the third level, students have the option to focus in electrical, plumbing, or HVAC/R, and earn an industry credential specific to the focus area. The fourth level course, Construction Practicum, places students with industry partners to complete a capstone project.	Fundamentals of Construction Industry Certification: OSHA 10 for Construction	MEP Systems	HVAC Industry Certification: Universal R-410A EPA Section 608 Universal		Dual Enrollment Code	ENGT 1200 CCET 2540 CCET 2600 CCET 2700* CCET 2750 CCET 2840		

nool(s) Offering			Year 1	Year 2	skip around in the Program of S Year 3	Year 4				11000 D. 100 IV
rogram of Study	Program of Study	Program of Study Description	rear 1	Teal 2	rear 5	Teal 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, Te	chnology Fees, and/o responsibility.	r Lab Fees are the students
RHS Academy	Digital Arts & Design	The Digital Arts & Design program of study is for students interested in pursuing careers as multimedia artists, animators, graphic designers, and communications specialists. Course content is designed to develop strong knowledge in communications technologies, animation and software applications, digital graphics, motion graphics, and more for a broad range of business and industry applications. Students will leverage digital tools to gather, evaluate, and use information, and apply design skills in the communication of materials as they would for an organization or company. Upon completion of the program of study, students will be prepared to pursue advanced study in graphic design or communications, or seek entry level employment with such organizations.	Digital Arts & Design I	Digital Arts & Design II	Digital Arts & Design III Industry Certification: Adobe Certified Associate		Dual Enrollment Code	ART 1035 ART 1070 ART 1350 ART 1340 ART 2090* ART 2170* ART 2320* ART 2410*	ART 110 ARTH 211	Digital Design I, II, III - COM1230 - 1 EPSO
KHS WCHS	Audio/Visual Production	The A/V Production program of study is designed for students interested in a range of entertainment and news media fields. Course content centers on production of various television, cinema, radio, and other audio and video products, including commercials, music, news, interactive programming, and film. Students complete all phases of the production process including planning, coordinating, capturing, editing, and distributing productions. Topics include but are not limited to concept creation, scripting, interviewing, budgeting, scheduling, set design, engineering, field and studio production, and editing, and, as well operating production equipment such as cameras, lights, and audio equipment	A/V Production I	A/V Production II	A/V Production III (2 Credits)		Dual Enrollment Code			

		Stude		, Management, &	Administration	Study sequence				
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, Te	chnology Fees, and/or responsibility.	Lab Fees are the student
CHS Academy NWHS RHS	Business Management	The Business Management program of studies will prepare you for a career in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication. The business management and administration services industry, one of the highest paying industries, is projected to be one of the fastest growing through the year 2020.	Introduction to Business & Marketing	Business Communications or Accounting I	Business Management Industry Certification: G Suite Certification	Business Entrepreneurship Practicum or Virtual Enterprise International	Dual Enrollment Code	ECON 2100 MGT 1110		Business Management BUSN1305 - 1 EPSO
CHS MCHS NEHS	Office Management	Office Management program of study teaches business operations as students learn a variety of administrative and clerical duties including information and communication management, data processing and collection, and project tracking. Students who like to access, process, maintain, evaluate, and disseminate information for business decisions or those who like to obtain and convey ideas and information in order to conduct business transactions would enjoy this program of studies. Students in this program of studies will learn about the management theories of some of the largest companies in the United States. In addition, they will learn important skills for success in professionalism, digital citizenship, and critical thinking.	Computer Applications	Business Communications	Business Management Industry Certification: G Suite Certification	Advanced Computer Applications Industry Certification: Microsoft Office Specialist: (Excel) (PowerPoint) (Word)	Dual Enrollment Code		INFS 205 INSF 255	

				Education & Tra						
School(s) Offering Program of Study	Program of Study	Program of Study Description	ents must plan to take these o	ourses sequentially and not s	skip around in the Program of Year 3	Study sequence Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
·····g···········								The cost of Textbooks, Te	echnology Fees, and/or responsibility.	Lab Fees are the student
MCHS	Early Childhood Education Careers	Early Childhood Education Careers is designed to prepare students for careers as an early childhood teacher. Course content covers the components of curriculum planning, student learning, screening and assessing, and many other skills related to teaching younger populations. Upon completion of this program of study, students will have had the opportunity to work alongside educators in an internship experience, compile artifacts for a professional portfolio, and graduate prepared for further training at the postsecondary level.	Early Childhood Careers I	Early Childhood Careers II	Early Childhood Careers III		Dual Enrollment Code			
CHS WCHS Academy	Teaching as a Profession (K-12)	Teaching as a Profession is designed for students interested in becoming a teacher, school counselor, librarian, or speech-language pathologist. While in this program of study, students will learn teaching and classroom management strategies, lesson planning, special populations, how to use educational technology, how to become a professional, and more! Upon completion of this program of study, students will have participated in an internship and built a professional portfolio that can be used for advanced training as future educators at the postsecondary level.	Teaching as a Profession I	Teaching as a Profession II	Teaching as a Profession Practicum		Dual Enrollment Code	PSY 1010 PSY 2210 PSY 3100		TAP I, II, III = EDUC2010 1 EPSO

		Studo	nts must plan to take these co	Finance	skip around in the Program of	Study saguence				
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, Te	chnology Fees, and/or l responsibility.	ab Fees are the student
CHS Academy	Banking & Finance	The Banking and Finance program of studies will prepare you for a career in financial and investment planning, banking, insurance, and business financial management. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication. This program of studies is comprised of content in deposits, lending funds, extending credit, and banking services which includes cask management, short-term investments, loans, credit cards, and bill payments. These services are delivered via a number of different institutions, from commercial banks and other traditional means (savings and loan associations, credit unions, and local banks) to newer ventures through insurance companies, brokerage houses, and the internet.	Introduction to Business & Marketing	Accounting I	Banking and Finance	Financial Planning	Dual Enrollment Code		FIN 160	Banking & Finance - FIN2110 - 1 EPSO

				Health Scien						
		Stude	nts must plan to take these c	ourses sequentially and not s	kip around in the Program of	Study sequence				·
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
Flogram of Study								The cost of Textbooks, T	echnology Fees, and/or	Lab Fees are the stude
									responsibility.	
MCHS NWHS Academy	Nursing Services	Therapeutic Nursing Services is designed to prepare students to pursue careers in the field of nursing. Upon completion of this program, a proficient student will be able to implement communication and interpersonal skills, maintain residents' rights and independence, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills required of a nursing assistant. Students will log forty hours of site-based clinical work with at least 24 of those hours spent in a long-term care facility as part of the Level 4 course.	Health Science Education Industry Certification - OSHA 10 for Health Science	Anatomy and Physiology or Medical Therapeutics	Medical Therapeutics or Anatomy and Physiology	Nursing Education and Clinical Internship (Max Class Size 15) Industry Certification: Certified Nursing Assistant (CNA)	Dual Enrollment Code	AHS 1010 HHP 1250	NURS 281	
NWHS Academy	Emergency Services	The Emergency Services program of study is designed to prepare students to pursue careers in the fields of emergency medicine. Upon completion, proficient students will be able to identify careers and features of the EMS system; define the importance of workforce safety and wellness; maintain legal and ethical guidelines; correlate anatomy and physiology concepts to the patient with a medical or traumatic injury; and perform EMS skills with a high level of proficiency. If taught with an EMT instructor, students will be given the opportunity to sit for the National Emergency Medical Responder certification.	Health Science Education Industry Certification - OSHA 10 for Health Science	Anatomy and Physiology or Medical Therapeutics	Medical Therapeutics or Anatomy and Physiology	Emergency Medical Services And Emergency Medical Services Practicum (Max class size 12) Industry Certification: Emergency Medical Responder (First Responder)	Dual Enrollment Code	AHS 1010 HHP 1250		
NEHS NWHS Academy WCHS	Therapeutic Services	Therapeutic Clinical Services is designed to prepare students to pursue careers in fields of dentistry, pharmacology, nutrition, or rehabilitation. Upon completion of this program, a proficient student will be able to identify careers in therapeutic clinical services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatments. Students have the option to take part in a clinical internship at the end of this program of study.	Health Science Education Industry Certification: OSHA 10 for Health Science	Anatomy and Physiology or Medical Therapeutics	Medical Therapeutics or Anatomy and Physiology	Clinical Internship (Max Class Size 15) Industry Certification: Certified Clinical Medical Assistant	Dual Enrollment Code	AHS 1010 HHP 1250		
кнѕ	Diagnostic Services	Diagnostic Services is designed to prepare students to pursue careers in the fields of radiology, medical laboratory, optometry, and other patient diagnostic procedures. Upon completion of this course, proficient students will be able to describe new and evolving diagnostic technologies, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. In addition, students will have the option to complete a clinical internship.	Health Science Education Industry Certification: OSHA 10 for Health Science	Diagnositc Medicine or Anatomy and Physiology	Anatomy and Physiology or Doagnostic Medicine	Cariovascular Services And Clinical Internship (Max class size is 15) Industry Certification: Certified EKG Technician	Dual Enrollment Code	AHS 1010 HHP 1250		
RHS	Sport & Human Performance	Clinical Exercise Physiology is designed to prepare students to pursue careers in kinesiology and exercise physiology services. Upon completion, proficient students will be able to apply concepts of anatomy and physiology, physics, chemistry, bioenergetics, and kinesiology to specific exercise science contexts. Through these connections students will understand the importance that exercise, nutrition, and rehabilitation play in athletes or patients with debilitating or acute metabolic, orthopedic, neurological, psychological, and cardiovascular disorders.	Health Science Education Industry Certification: OSHA 10 for Health Science	Anatomy and Physiology or Rehabilitation Careers	Rehabilitation Careers Anatomy and Physiology	Exercise Science	Dual Enrollment Code	AHS 1010 HHP 1250 HHP 2200		

				Hospitality & To	ourism					
		Studer	nts must plan to take these o	courses sequentially and not	skip around in the Program of	Study sequence				
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, T	echnology Fees, and/or responsibility.	Lab Fees are the students
RHS	Culinary Arts	Culinary Arts equips students with the skills to pursue careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Courses cover topics that range from kitchen safety and santiation, history of the foodservices industry, careers, nutrition, recipe basics, proper kitchen tools and equipment, and kitchen staples to food presentation, advanced cooking principles, bakeshop preparation skills, professionalism, and business opportunities. Upon completion of this program of study, students will have applied a full range of knowledge and skills in culinary arts and built a professional portfolio in preparation for future training at the postsecondary level.	Culinary Arts I	Culinary Arts II	Culinary Arts III Industry Certificaton: SerSafe Food Manager		Dual Enrollment Code	CULA 1200 CULA 1305 CULA 1320*		CA I, II, III = CULA1320 - 1 EPSO

School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, Te	echnology Fees, and/or responsibility.	Lab Fees are the students
MCHS RHS	Human & Social Sciences	Social Health Services focuses on the skills and knowledge needed for occupations that support the everyday functioning of society, such as social workers, counselors, and family mediators. While in this program of study, students investigate human needs and their impact on lifespan development, an overview of the human social services fields, communication skills, and the historical and social changes of the modern family. Upon completion of this program of study, students will compile a professional portfolio in preparation for future training at the postsecondary level.	Introduction to Human Studies	Lifespan Development	Family Studies Industry Certification: TN Specific Industry Certification - Social Health Services		Dual Enrollment Code	SOC 1010 SOC 2050 SOC 2900 SOC 2110	CFS 100 PSY 101 SOC 201 SOC 202	
CHS KHS NEHS	Cosmetology	All courses in the Cosmetology program of study have been revised to address and prepare students for postsecondary and industry standards. Cosmetology is designed to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, salon business concepts and operations, hair techniques and chemical services, facial and skin care procedures and state board theoretical practical application. Laboratory facilities and experiences simulate those found in the cosmetology industry. Students may acquire hours to transfer to a postsecondary institution to complete the requirements needed to be eligible to take the Tennessee State Board of Cosmetology examination for a Tennessee Cosmetology License.	Cosmetology I	Cosmetology II (2 Credits)	Cosmetology III (2 Credits)	Cosmetology IV (2 Credits)	Dual Enrollment Code			

		Stude		Information Tech	inology skip around in the Program of	S Chudu comuneo				
School(s) Offering	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
Program of Study	,	, ,						The cost of Textbooks, T	echnology Fees, and/or responsibility.	Lab Fees are the students
RHS	Web Design	The Web Design program of study is designed for students interested in designing and creating websites. Students will develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development. Laboratory facilities and experiences simulate those found in the web design and development industry; where interaction with a "client" is indicated in the standards, it is expected that students' peers or the instructor may serve as mock clients in lieu of an actual relationship with an industry partner. Emphasis is also placed on applying the design process toward projects of increasing sophistication, culminating in the production of a functional, static website. As students work toward this goal, they will acquire key skills in coding, project management, basic troubleshooting and validation, and content development and analysis.		Web Design Foundations	Web Site Development Industry Certification: CIW Web Design Specialist or CIW Web Foundation or JavaScript Specialsit or Advasnced HTML5/CSS3	Web Design Practicum	Dual Enrollment Code	CSCI 1000 CSCI 1005 CSCI 1010 CSCI 1015 CSCI 1017	responstomy.	
NEHS Academy	Coding	The Coding program is study is designed for students interested in computer programming. Students will develop standard programming techniques and learn the logic tools and methods typically used by programmers to create simple computer applications. Proficient students will be able to solve problems by planning multistep procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution. This program of study also challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In so doing, they develop key skills of discerment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups.	Computer Science Foundations Industry Certification: CompTlA IT Fundamentals	Coding I	Coding II Or Mobile App Development Coding II Industry Certification: Microsoft Technology Associate Developer Certificate or CIW Web Foundation or JavaScript Specialsit or Advasnced HTML5/CSS3	Coding Practicum and/or AP Computer Science A and/or AP Computer Science Principles	Dual Enrollment Code	CSCI 1000 CSCI 1005 CSCI 1010 CSCI 1015 CSCI 1017		
wchs	Cybersecurity	The Cybersecurity program of study 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 cybersecurity-related careers in the Information Technology career cluster. Students will develop knowledge in security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this program covers both in house and external threats to network security and design, how to enforce network level security policies, and how to safeguard an organization's information. This program of study also challenges students to develop advanced skills in concepts and terminology of cybersecurity, knowledge of malware threats, cryptography, wireless technologies and organizational security.	Computer Science Foundations	Cybersecurity I	Cybersecurity II Industry Certification: CompTIA Security +	Cybersecurity Practicum Industry Certification - CompTIA Security +	Dual Enrollment Code	CSCI 1000 CSCI 1005 CSCI 1010 CSCI 1015 CSCI 1017		

		Swig		lic Safety, Correct	ions, & Security	Study company				
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, T	echnology Fees, and/or responsibility.	Lab Fees are the students
KHS NEHS NWHS WCHS Academy	Law Enforcement Services	Law Enforcement Services prepares students for a range of careers in law enforcement, crime scene analysis, forensic science, public safety, and criminal justice. Course content emphasizes procedures and laws governing the application of justice in the United States, from constitutional rights to crisis scenario management to the elements of criminal investigations. Upon completion of this POS, students will be equipped with strong knowledge and skill preparation for postsecondary or career opportunities in many law- and justice-related fields.	Criminal Justice I	Criminal Justice II	Criminal Justice III: Investigation		Dual Enrollment Code	CRJ 1010 CRJ 1030 CRJ 1050 CRJ 1060	CJ 200 CJ 220	CJ I, II, III = CRMJ1010 - 1 EPSO

Marketing, Distribution, and Logistics Students must plan to take these courses sequentially and not skip around in the Program of Study sequence										
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
								The cost of Textbooks, T	echnology Fees, and/or I responsibility.	Lab Fees are the student
кнѕ	Marketing Management	The Marketing Management program of studies will prepare you for a career through developing a range of skills and abilities in a corporation. The primary duty of marketing managers in a corporation is to increase sales and profitability through market analytics and this program of study prepares students to do this through standards in market segmentation, market research, and an in-depth look at all the facets of marketing. Students have the option of three areas of specialization – advertising and public relations, retail operations, or event planning and management – for their capstone course, all of which lead to great career options in Tennessee or nationwide.	Rusiness & Marketing	Marketing and Management I: Principles	Marketing and Management II: Advanced Strategies Industry Certification: Hootsuite Pistform Marketing or Hootsuite Social Marketing	Event Planning & Management	Dual Enrollment Code	MGT 1110		Marketing & Management Prin. I- BUSN2380 - 1 EPSO

STEM Students must plan to take these courses sequentially and not skip around in the Program of Study sequence										
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit
	The cost of Textbooks, Technology Fees, and/or Lab Fees, and									Lab Fees are the studen
NEHS Academy	Technology	The Technology program of study is for students who wish to pursue careers in robotics, electronics, and related engineering and technology fields. Course content introduces students to the principles of engineering and the engineering design process, then progresses to apply these skills in the context of robotics, electronics, and automated systems. Upon completion of this POS, students will have gained valuable training in an Engineering Practicum and be prepared for advanced study in a variety of STEM fields at the postsecondary level. Upon completion of these POS, students will be prepared to pursue engineering studies or an advanced study in the STEM field of their choice at a variety of postsecondary institutions.	Principles of Engineering and Technology	Digital Electronics Industry Certification: Autodesk Inventor Certified User	Robotics & Automated Systems Industry Certification - FANUC		Dual Enrollment Code	ENGT 1000 ENGT 1020 ENGT 1200 ENGT 1120 PHYS 1010/1011 PHYS 1020/1021		Digital Electronics - EETH1110 - 1 EPSO
KHS Academy	STEM Education	The STEM Education program of study designed for students interested in the exciting careers available in the high-demand fields of science, technology, engineering, and mathematics. This program of study is uniquely structured to offer students an overview of STEM fields, occupations, and applications in the first year, followed by more specialized study of the scientific inquiry or engineering design process in subsequent years, culminating in a portfolio and internship experience.	STEM I: Foundation	STEM II: Applications Industry Certification: Autodesk Inventor Certified User	STEM III: STEM in Context	STEM IV: STEM Practicum	Dual Enrollment Code	ENGT 1000 ENGT 1020 ENGT 1200 ENGT 1120 PHYS 1010/1011 PHYS 1020/1021		
KHS Academy	Mechatronics	The Mechatronics program of study is designed for students interested in becoming a mechatronics technician, electrical technician, mechanical engineering technician, robotics technician, or mechatronics engineer. Course content focuses on the components of manufacturing systems, collection and analysis of quality data, electronics, mechanics, fluid power systems, computers and control systems, and technical documentation and troubleshooting. Upon completion of this program of study, proficient students will be prepared to pursue industry certification.	STEM I: Foundation	STEM II: Applications	Dual Enrollment Mechatronics	Dual Enrollment Mechatronics Industry Certification: Level 1 Siemens Certified Mechatronic Systems Assistant	Dual Enrollment Code	PHYS 1010/1011 PHYS 1020/1021		

Transportation Students must plan to take these courses sequentially and not skip around in the Program of Study sequence											
School(s) Offering Program of Study	Program of Study	Program of Study Description	Year 1	Year 2	Year 3	Year 4	Dual Enrollment Code	APSU Dual Enrollment	UT Martin	NSCC Dual Credit	
								The cost of Textbooks, Technology Fees, and/or Lab Fees are the student responsibility.			
NWHS	Automotive Maintenance & Light Repair	The Automotive Maintenance and Light Repair program of study prepares students for entry into the automotive service industry with an ASE Student Certification. Students study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, and practice workplace soft skills. Upon completion of this program of study, students will be equipped with the knowledge and skills to be a successful automotive service technician	Maintenance and Light Repair I	: Maintenance and Light Repair II	Maintenance and Light Repair III	Maintenance and Light Repair IV Industry Certification: Automotive Service Excellence Student Certification: Maintenance & Light Repair	Dual Enrollment Code				
NWHS	Automotive Collision Repair	The Automotive Collision Repair program of study prepares students for entry into careers as professional service technicians. Content emphasizes customer service skills, proper use of tools and equipment, safety, shop operations, engine fundamentals, damage analysis, cost estimation, painting and refinishing, and structural and non-structural repair in a hands-on environment. Upon completion of this program of study, students will be eligible to take the examination for Automotive Student Excellence (ASE) student certifications or I-CAR ProLevel 1 in Refinish Technician or Non-Structural Technician and be prepared to pursue further study in collision repair at postsecondary institutions.	Introduction to Collision Repair	Collision Repair: Non- Structural Industry Certification: Automostive Service Excellence: Nonstructural Anaylsis/Repair	Collision Repair: Painting & Refinishing Industry Certification: Automostive Service Excellence: Painting and Refinishing	Collision Repair: Damage Analysis, Estimating, & Customer Service	Dual Enrollment Code				
		* - Indicates courses that require a prerequisite									