

<b>Agriculture, Food, and Natural Resources</b>			
<b>Natural Resources Systems</b>			
Principles of Agriculture Food & Natural Resources (1/2-1) (9-12)	Wildlife Fisheries & Ecology Management (1/2-1) (9-12)	<b>Range Ecology &amp; Management (1/2-1) (10-12)</b> OR Forestry and Woodland Ecosystems (1/2-1) (10-12) <b>Private Pesticide Applicator</b>	Career Preparation I (2-3) (11-12) OR Practicum in Agriculture, Food, and Natural Resources (2-3) (11-12) <b>Private Pesticide Applicator</b>
<b>Power, Structural &amp; Technical Systems</b>			
Principles of Agriculture Food & Natural Resources (1/2-1) (9-12)	<b>Agricultural Mechanics &amp; Metal Technologies (1/2-1) (10-12)</b>	Agricultural Facilities Design and Fabrication (1-2) (11-12) <b>NCCER</b> OR <b>Agricultural Power Systems (1-2)(10-12) NCCER</b>	Career Preparation I (2-3) (11-12) OR Practicum in Agriculture, Food, and Natural Resources (2-3) (11-12) <b>Private Pesticide Applicator</b>
<b>Plant Systems</b>			
Principles of Agriculture Food & Natural Resources (1/2-1) (9-12)	<b>Principles &amp; Elements of Floral Design (1) (10-12) Floral Certification</b>	<b>Horticulture Science (1/2-1) (10-12) OR Landscape Design &amp; Turf Grass Management (1/2-1) (10-12) Private Pesticide Applicator, Texas Certified Nursery Professional, Texas Master Gardener</b>	Advanced Plant & Soil Science (1) (12) <b>(Recommended for 4th Science w/Highly Qualified)</b>
<b>Animal Systems</b>			
Principles of Agriculture Food & Natural Resources (1/2-1) (9-12) AND Professional Standards (1/2-1) (9-12)	Small Animal Management (1/2-1) (10-12) AND <b>Equine Science (1/2-1) (10-12)</b>	Livestock Production (1/2-1) (10-12) OR <b>Veterinary Medical Applications (1) (10-12) Certified Veterinary Assistant</b>	Advanced Animal Science (1) (12) <b>(Recommended for 4th Science w/Highly Qualified)</b>
<b>Environmental Service Systems</b>			
Principles of Agriculture Food & Natural Resources (1/2-1) (9-12)	Energy & Natural Resources Technology (1/2-1) (10-12) <b>Private Pesticide Applicator</b>	<b>Advanced Environmental Technology (1) (11-12) Private Pesticide Applicator</b>	Career Preparation I (2-3) (11-12) OR Practicum in Agriculture, Food, and Natural Resources (2-3) (11-12) <b>Private Pesticide Applicator</b>
<b>Architecture and Construction</b>			
<b>Design &amp; Pre-Construction (Interiors)</b>			
Principles of Architecture & Construction (1/2-1) (9-12)	<b>Interior Design (1/2-1) (10-12)</b>	Advanced Interior Design (1-2) (11-12)	Practicum in Interior Design (2-3) (12)
<b>Design &amp; Pre-Construction (CAD)</b>			
Principles of Architecture & Construction (1/2-1) (9-12)	Architectural Design (1-2)(10-12) <b>Auto CAD, Inventor, AutoCAD Architecture</b>	Advanced Architectural Design (2-3) (11-12) <b>AutoCAD, Inventor, AutoCAD Architecture</b>	Practicum in Architectural Design (2-3)(12)
<b>Construction (Management)</b>			
Principles of Architecture & Construction (1/2-1) (9-12) AND Principles of Manufacturing (1/2-1) (9-12)	Construction Management (1-2) (10-12)	Advanced Construction Management (2-3) (11-12)	Practicum in Construction Management (2-3) (12) <b>NCCER Construction Technology</b>

<b>Construction (Building)</b>			
Principles of Architecture & Construction (1/2-1) (9-12) AND Principles of Manufacturing (1/2-1) (9-12)	<b>Construction Technology (1-2) (10-12)</b> NCCER Core	Advanced Construction Technology (2-3) (11-12) NCCER Carpentry, Construction Technology	Practicum in Construction Management (2-3) (12) NCCER Construction Technology
<b>Construction (Mill &amp; Cabinet)</b>			
Principles of Architecture & Construction (1/2-1) (9-12) AND Principles of Manufacturing (1/2-1) (9-12)	<b>Construction Technology (1-2) (10-12)</b> NCCER Core	Mill & Cabinetmaking Technology (2-3) (10-12) NCCER Core, NCCER Mill/Cabinet	Practicum in Construction Management (2-3) (12) NCCER Construction Technology
<b>Maintenance &amp; Operations</b>			
Principles of Architecture & Construction (1/2-1) (9-12) AND Principles of Manufacturing (1/2-1) (9-12)	<b>Construction Technology (1-2) (10-12)</b> NCCER Core	Building Maintenance Technology (1-2) (10-12) NCCER Core, NCCER Maintenance, NCCER Painting	Advanced Building Maintenance Technology (2-3) (10-12) NCCER Maintenance-Industrial, NCCER Painting
<b>Construction (Electrical)</b>			
Principles of Architecture & Construction (1/2) (9-12) AND Principles of Manufacturing (1/2) (9-12)	<b>Construction Technology (1-2) (10-12)</b> NCCER Core	Electrical Technology (1-2) (10-12) NCCER Core, NCCER Electrical	Advanced Electrical Technology (2-3) (11-12) NCCER Electrical
<b>Construction (HVAC)</b>			
Principles of Architecture & Construction (1/2-1) (9-12) AND Principles of Manufacturing (1/2-1) (9-12)	<b>Construction Technology (1-2) (10-12)</b> NCCER Core	HVAC & Refrigeration Technology (1-2) (10-12) NCCER Core, NCCER HVAC	<b>Advanced HVAC &amp; Refrigeration Technology</b> (2-3) (11-12) NCCER HVAC
<b>Construction (Plumbing)</b>			
Principles of Architecture & Construction (1/2-1) (9-12) AND Principles of Manufacturing (1/2-1) (9-12)	<b>Construction Technology (1-2) (10-12)</b> NCCER Core	Piping & Plumbing Technology (1-2) (10-12) NCCER Core, NCCER Plumbing	Advanced Piping & Plumbing Technology (2-3) (11-12) NCCER Plumbing, NCCER Pipefitting
<b>Arts, A/V Technology and Communication</b>			
<b>Audio, Video, Technology &amp; Film</b>			
<b>Business Information Management I (1) (9-12) MCAS (PowerPoint) AND Principles of Arts, A/V Technology &amp; Communications (1/2-1) (9)</b>	<b>Digital &amp; Interactive Media (1/2-11) (10-12)</b> OR Audio Video Production (1-2) (9-12) Final Cut Pro	Audio Video Production (1-2) (11-12) Final Cut Pro OR <b>Advanced Audio Video Production (2-3) (12) Final Cut Pro, Certified Broadcast Technologist, Certified Television Operator</b>	<b>Advanced Audio Video Production (2-3) (12)</b> OR Practicum in Audio Video Production (2-3) (11-12) Final Cut Pro, Certified Broadcast Technologist, Certified Television Operator
<b>Visual Arts (Animation)</b>			
Principles of Arts, A/V Technology & Communications (1/2-1) (9)	<b>Digital &amp; Interactive Media (1/2-1) (10-12)</b>	<b>Animation (1-2) (11-12) Flash</b>	<b>Advanced Animation (2-3) (11-12) Flash</b>
<b>Visual Arts (Graphic Design)</b>			
<b>Business Information Management I (1-2) (9-12) MCAS (PowerPoint) OR Principles of Arts, A/V Technology &amp; Communications (1/2-1) (9)</b>	<b>Digital &amp; Interactive Media (1/2-11) (10-12) MCAS OR</b> Graphic Design & Illustration (1-2) (10-12) <b>Adobe Illustrator (ACE, Adobe In Design, Adobe Photoshop, Dreamweaver, Flash)</b>	Graphic Design & Illustration (1-2) (10-12) OR <b>Advanced Graphic Design &amp; Illustration (2-3) (10-12) Adobe Illustrator (ACE, Adobe In Design, Adobe Photoshop, Dreamweaver, Flash)</b>	Advanced Graphic Design & Illustration (2-3) (10-12) OR Practicum in Graphic Design & Illustration (2-3) (10-12) <b>Adobe Illustrator (ACE, Adobe In Design, Adobe Photoshop, Dreamweaver, Flash)</b>

<b>Visual Arts (Photography)</b>			
Principles of Arts, A/V Technology & Communications (1/2-1) (9)	<b>Digital &amp; Interactive Media (1/2-11) (10-12)</b> OR Graphic Design & Illustration (1-2) (10-12) <b>Adobe Illustrator (ACE, Adobe In Design, Adobe Photoshop, Dreamweaver, Flash)</b>	Commercial Photography (1-2) (10-12) <b>Adobe Photoshop</b>	Advanced Commercial Photography (2-3)(11-12) <b>Adobe Photoshop</b>
<b>Printing Technology</b>			
Principles of Arts, A/V Technology & Communications (1/2-1) (9)	<b>Digital &amp; Interactive Media (1/2-11) (10-12)</b> <b>MCAS</b> OR Printing & Imaging Technology (1-2) (10-12) <b>Adobe Illustrator (ACE), Adobe in Design, Adobe Photoshop</b>	Printing & Imaging Technology (1-2) (10-12) OR Advanced Printing & Imaging Technology (2-3) (10-12) <b>Adobe Illustrator (ACE), Adobe in Design, Adobe Photoshop</b>	Advanced Printing & Imaging Technology (2-3) (10-12) OR Practicum in Printing & Imaging Technology (2-3) (11-12) <b>Adobe Illustrator (ACE), Adobe in Design, Adobe Photoshop</b>
<b>Fashion Design</b>			
Principles of Arts, A/V Technology & Communications (1/2-1) (9)	Fashion Design (1-2) (10-12)	Advanced Fashion Design (2-3) (10-12)	Practicum in Fashion Design (2-3) (11-12)
<b>Business Management and Administration</b>			
<b>Administrative &amp; Information Support</b>			
Principles of Business, Marketing & Finance (1/2-1) (9-11) AND Principles of Information Technology (1/2-1) (9-10) OR <b>Principles of Business, Marketing &amp; Finance (1) (9-11)</b>	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b>	<b>Business Information Management II (1-2) (11-12) MOS or MCAS</b>	Practicum in Business Management (2-3) (12) <b>OPAC, MOS or MCAS</b> OR Career Preparation (2-3) (11-12) OR Business English (1) (12)
<b>Human Resources or Management Pathways</b>			
Principles of Business, Marketing & Finance (1/2-1) (9-11) AND Principles of Information Technology (1/2-1) (9-10) OR <b>Principles of Business, Marketing &amp; Finance (1) (9-11)</b>	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b>	<b>Business Management (1-2) (10-12) OPAC</b>	Practicum in Business Management (2-3) (12) <b>OPAC, MOS or MCAS</b> OR Career Preparation (2-3) (11-12) OR Business English (1) (12)
<b>Human Resources or Management Pathways</b>			
Principles of Business, Marketing & Finance (1/2-1) (9-11) AND Principles of Information Technology (1/2-1) (9-10) OR <b>Principles of Business, Marketing &amp; Finance (1) (9-11)</b>	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b>	Human Resource Management (1/2) (11-12) AND <b>Business Law (1/2) (11-12)</b> OR <b>Global Business (1/2) (10-12)</b>	Practicum in Business Management (2-3) (12) <b>OPAC, MOS or MCAS</b> OR Career Preparation (2-3) (11-12) OR Business English (1) (12)
<b>Education and Training</b>			
<b>Teaching &amp; Training</b>			
Principles of Education (1/2-1) (9-12) AND Principles of Human Services (1/2-1) (9-12)	Human Growth & Development (1) (10-12)	Instructional Practice in Education & Training (1-2) (11-12)	Practicum in Education & Training (2-3) (12) <b>Educational Aide Certificate I</b>

Finance			
<b>Banking &amp; Related Services</b>			
Principles of Business, Marketing & Finance (1/2-1) (9-11) AND Principles of Information Technology (1/2-1) (9-10) OR Principles of Business, Marketing & Finance (1) (9-11)	Business Information Management I (1-2) (9-12) MOS or MCAS	Banking & Related Systems (1/2-1) (10-12) AND Money Matters (1/2-1) (9-12)	Career Preparation I (2-3) (12)
<b>Business and Financial Management</b>			
Principles of Business, Marketing & Finance (1/2-1) (9-11) AND Principles of Information Technology (1/2-1) (9-10) OR Principles of Business, Marketing & Finance (1) (9-11)	Business Information Management I (1-2) (9-12) MOS or MCAS AND Accounting I (1) (10-12)	Accounting II (1)(11-12)	Financial Analysis (1) 11-12) OR Statistics and Risk Management (1) 11-12) (Recommended for 4th Math w/Highly Qualified)
<b>Financial &amp; Investment Planning</b>			
Principles of Business, Marketing & Finance (1/2-1) (9-11) AND Principles of Information Technology (1/2-1) (9-10) OR Principles of Business, Marketing & Finance (1) (9-11)	Business Information Management I (1-2) (9-12) MOS or MCAS AND Money Matters (1/2-1) (9-12)	Securities & Investments (1/2-1) (10-12) AND Banking & Financial Services (1/2-1) (10-12)	Career Preparation I (2-3) (12)
<b>Government and Public Administration</b>			
<b>National Security or Foreign Service</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12) AND Principles of Government & Public Administration (1/2) (9-11)	Business Information Management I (1-2) (9-12) MOS or MCAS AND Law Enforcement I (1-2) (10-12)	National Security (2-3) (11-12)	Career Preparation I (2-3) (11-12) OR Practicum in Local, State & Federal Government (2-3) (12)
<b>Public Administration &amp; Administration</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12) AND Principles of Government & Public Administration (1/2) (9-11)	Public Management & Administration (1-2) (10-12)	Planning & Governance (1-2) (10-12)	Career Preparation I (2-3) (11-12) OR Practicum in Local, State & Federal Government (2-3) (12)
<b>Governance Program</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12) AND Principles of Government & Public Administration (1/2-1) (9-11)	Political Science I (1-2) (10-12)	Political Science II (1-2) (10-12)	Career Preparation I (2-3) (11-12) OR Practicum in Local, State & Federal Government (2-3) (12)
<b>Health Science</b>			
<b>Diagnostic Services, Health Informatics or Therapeutic Pathways</b>			
Principles of Health Science (1) (9-11)	Medical Terminology (1/2) (9-12) AND Business Information Management 1 (1)(9-12) MOS or MCAS	Health Science (1-2) (10-12)	Practicum in Health Science (2-3) (12) Nurse Aid, Dental Assistant, EMT, LVN, Pharmacy Technician, Phlebotomy Technology, Coding Associate (CCA), Medical Assistant (CMA)

<b>Diagnostic Services, Health Informatics or Therapeutic Pathways</b>			
Principles of Health Science (1) (9-12)	Health Science (1-2) (10-12)	Practicum in Health Science I (2-3) (12) Nurse Aid, Dental Assistant, EMT, LVN, Pharmacy Technician, Phlebotomy Technology, Coding Associate (CCA), Medical Assistant (CMA)	Practicum in Health Science II (2-3) (12) Nurse Aid, Dental Assistant, EMT, LVN, Pharmacy Technician, Phlebotomy Technology, Coding Associate (CCA), Medical Assistant (CMA)
<b>Project Lead The Way</b>			
Principles of Biomedical Sciences (1) (9)	Human Body Systems (1) (10)	Medical Interventions (1) (11)	Biomedical Capstone (1) (12)
<b>Diagnostic Services, Health Informatics or Therapeutic Pathways</b>			
Business Information Management I (1-2) (9-12) MOS or MCAS	Principles of Health Science (1/2-1) (9-12) AND Medical Terminology (1/2) (9-12)	Health Science (1-2) (10-12)	Anatomy & Physiology (1) (10-12) (Recommended for 4th Science w/Highly Qualified)
<b>Diagnostic Services, Health Informatics or Therapeutic Pathways</b>			
Principles of Health Science (1) (9-12)	Health Science (1-2) (10-12)	Medical Terminology AND Business Information Management I (1-2) (9-10) MOS or MCAS	World Health Research (1) (11-12)
<b>Pre-Veterinary Medicine</b>			
Principles of Health Science (1) (9-11) AND Medical Terminology (1/2) (9-12)	Small Animal Management (1/2) (10-12) OR Equine Science (1/2) (10-12)	Livestock Production (1) (11-12) AND Veterinary Medical Applications (1) (10-12) Certified Veterinary Assistant	Practicum in Health Science (2-3) (12)
<b>Hospitality and Tourism</b>			
<b>Lodging</b>			
Principles of Hospitality & Tourism (1/2) (9-12) AND Principles of Human Services (1/2) (9-12) OR Principles of Business, Marketing & Finance (1/2) (9-12)	Business Information Management I (1-2) (9-12) MOS or MCAS AND Hotel Management (1/2-1) (10-12)	Hospitality Services (1-2) (11-12)	Practicum in Hospitality & Tourism (2-3) (11-12)
<b>Travel &amp; Tourism</b>			
Principles of Hospitality & Tourism (1/2) (9-12) AND Principles of Human Services (1/2) (9-12) OR Principles of Business, Marketing & Finance (1/2) (9-12)	Business Information Management I (1-2) (9-12) MOS or MCAS AND Travel & Tourism Management (1/2-1) (10-12)	Hospitality Services (1-2) (11-12)	Practicum in Hospitality & Tourism (2-3) (11-12)
<b>Restaurant and Food/Beverage Services</b>			
Principles of Travel & Tourism (1/2) (9-12) AND Principles of Human Services (1/2) (9-12) OR Principles of Business, Marketing & Finance (1/2) (9-12)	Food Science (1) (10-12) (Recommended for 4th Science w/Highly Qualified) OR Restaurant Management (1) (10-12) OR Lifetime Nutrition & Wellness (1)	Culinary Arts (1-2) (11-12) Serve Safe, Texas Food Handlers	Practicum in Culinary Arts (2-3) (12) Serve Safe, Texas Food Handlers

<b>Human Services</b>			
<b>Child Care Management</b>			
Principles of Education (1/2) (9-12) and Principles of Human Services (1/2) (9-12)	Interpersonal Studies (1/2) (10-12) AND Child Development (1/2) 10-12	Child Guidance (2) (10-12) Child Development Associate (CDA) AND Dollars and Sense (1/2-1) (10-12)	Career Preparation I (3) (11-12) OR Practicum in Human Services (2-3) (11-12)
<b>Family &amp; Community Services</b>			
Principles of Education (1/2) (9-12) and Principles of Human Services (1/2) (9-12)	Lifetime Nutrition Wellness (1/2-1) (10-12)	Family & Community Services (1/2-1) (11-12)	Practicum in Human Services (2-3) (11-12)
<b>Cosmetology</b>			
Business Information Management I (1-2) (9-12) MOS or MCAS	Introduction to Cosmetology (1/2-1) (9-10)	Cosmetology I (2-3) (10-11)	Cosmetology II (2-3) (11-12) Cosmetology Operator License
<b>Information Technology</b>			
<b>Network Systems (Computer Maintenance)</b>			
Principles of Information Technology (1) (9-10)	Business Information Management I (1-2) (9-12) MOS or MCAS AND Computer Maintenance (1-2) (10-12) A+, Certified Network Computer Technician, Cisco	Telecommunications & Networking (1-2) 10-12) A+, Certified Computer Service Technician, Certified Network Computer Technician, Cisco	Computer Technician (2-3) (12) A+, Cisco, Certified Computer Service Technician, Certified Network Computer Technician
<b>Network Systems (Computer Programming)</b>			
Principles of Information Technology (1) (9-10)	Business Information Management I (1-2) (9-12) MOS or MCAS	Computer Programming (1/2-1) (10-12) i-Net+, IC3, Microsoft Front Page	Advanced Computer Programming (1-2) (11-12) i-Net+, IC3, Java 2 Fundamentals, Microsoft Front Page OR Career Preparation I (2-3) (11-12)
<b>Network Systems</b>			
Principles of Information Technology (1) (9-10)	Telecommunications & Networking (1-2) 10-12) A+, Certified Computer Service Technician, Certified Network Computer Technician, Cisco	Database Fundamentals (1/2-2)	Database Programming (1/2-2)
<b>Network Systems</b>			
Principles of Information Technology (1) (9-10)	Internetworking Technologies I (Cisco) (1-3)	Internetworking Technologies II (Cisco) (1-3)	Research in Information Technology Solutions I (2-3) (12)
<b>Interactive Media</b>			
Principles of Information Technology (1) (9-10)	Digital & Interactive Media (1/2-1) (10-12) MOS or MCAS, Microsoft Front Page	Web Technologies (1/2-1) (10-12) Certified Internet Webmaster Associate	Research in Information Technology Solutions I (2-3) (12)
<b>Law, Public Safety, Corrections and Security</b>			
<b>Legal Services or Law Enforcement Services</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12)	Law Enforcement I (1-2) (10-12)	Law Enforcement II (1-2) (11-12)	Practicum in Law, Public Safety, Corrections & Security (2-3) (11-12)

<b>Legal Services</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12)	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b> AND Law Enforcement I (1-2) (10-12)	<b>Court Systems &amp; Practices (1-2) (10-12) OR</b> Geographic Information Systems (1)	Practicum in Law, Public Safety, Corrections & Security (2-3) (11-12)
<b>Legal Services</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12) AND Principles of Business, Marketing & Finance (1/2-1) (9-11)	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b>	Business Management (1-2) (10-12) AND <b>Business Law (1) (11-12)</b>	Practicum in Business Management (2-3) (12) <b>OPAC, MOS or MCAS OR Career Preparation (2-3) (11-12) OR Business English (1) (12)</b>
<b>Correctional Services</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12)	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b> AND Law Enforcement I (1-2) (10-12)	<b>Correctional Services (1-2) (11-12) Correctional Officer</b>	Practicum in Law, Public Safety, Corrections & Security (2-3) (11-12)
<b>Emergency &amp; Fire Management Services</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12)	Firefighter I (1-2) (10-12)	Firefighter II (2-3) (11-12)	Practicum in Law, Public Safety, Corrections & Security (2-3) (11-12)
<b>Security Services</b>			
Principles of Law, Public Safety, Corrections and Security (1/2-1) (9-12)	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b> AND Law Enforcement I (1-2) (10-12)	Security Services (1-2) (11-12) <b>Security Officer</b>	Practicum in Law, Public Safety, Corrections & Security (2-3) (11-12)
<b>Manufacturing</b>			
<b>Manufacturing (Petrochemical)</b>			
Principles of Architecture & Construction (1/2) (9-12)	Principles of Manufacturing (1/2-1) (9-12)	Manufacturing Engineering (2-3) (11-12) <b>OSHA, NCCER Core</b>	Practicum in Manufacturing (2-3) (12)
<b>Production (Welding)</b>			
Principles of Architecture & Construction (1/2) (9-12) AND Principles of Manufacturing (1/2) (9-12)	Welding (1-2) (10-12) <b>NCCER Core, NCCER Welding</b>	<b>Advanced Welding (2-3) (11-12) NCCER Welding</b>	Practicum in Manufacturing (2-3) (12)
<b>Manufacturing Production Process Development</b>			
Principles of Architecture & Construction (1/2) (9-12) AND Principles of Manufacturing (1/2) (9-12)	Flexible Manufacturing (1-2) (10-12)	Advanced Flexible Manufacturing (2-3) (11-12)	Practicum in Manufacturing (2-3) (12)
<b>Marketing</b>			
<b>Marketing Communications &amp; Promotion</b>			
<b>Principles of Business, Marketing &amp; Finance (1) (9-12)</b>	<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b>	<b>Entrepreneurship (1/2-1) (9-12) AND Advertising &amp; Sales Promotion (1/2-1) (9-12) A*S*K, Certified E-Marketing Associate</b>	Practicum in Marketing Dynamics (2-3) (12) <b>A*S*K</b>
<b>E-Marketing</b>			
<b>Principles of Business, Marketing &amp; Finance (1) (9-12)</b>	Retailing & E-tailing (1/2-1) (9-12) <b>A*S*K, Certified Salesperson</b>	<b>Marketing Dynamics (2-3) (11-12) A*S*K</b>	Practicum in Marketing Dynamics (2-3) (12)

<b>Professional Sales &amp; Marketing</b>			
<b>Principles of Business, Marketing &amp; Finance (1) (9-12)</b>	Sports & Entertainment Marketing (1/2-1) (9-12)	<b>Marketing Dynamics (2-3) (11-12) A*S*K</b>	Practicum in Marketing Dynamics (2-3) (12)
<b>Buying &amp; Merchandising</b>			
<b>Principles of Business, Marketing &amp; Finance (1) (9-12)</b>	Fashion Marketing (1/2-1) (9-12)	Fashion Design (1-2) (10-12)	Advanced Fashion Design (2-3) (11-12)
<b>Science, Technology, Engineering and Mathematics</b>			
<b>Engineering - PLTW</b>			
Introduction to Engineering Design (1) (9)	Principles of Engineering (1) (10)	Digital Electronics (1) (11)	Engineering Design & Development OR Computer Integrated Manufacturing OR Aerospace Engineering (1) (12)
<b>Electrical Trades</b>			
Concepts of Engineering & Technology (1/2-1) (9-10) AND Principles of Manufacturing (1/2-1) (9-12)	Electronics (1-2) (10-12)	Advanced Electronics (2-3) (11-12) <b>Student Electronics Technician Certification</b>	Practicum in STEM (2-3) (12) OR Scientific Research & Design (1) (11-12) OR <b>Engineering Design &amp; Problem Solving (Science Credit)</b>
<b>Engineering &amp; Technology</b>			
Concepts of Engineering & Technology (1/2-1) (9-10) AND Principles of Manufacturing (1/2-1) (9-12)	Engineering Design & Presentation (1-2) (10-12) <b>Autodesk</b>	Advanced Engineering Design & Presentation (2-3) (11-12) <b>Autodesk</b>	Practicum in STEM (2-3) (12) OR Scientific Research & Design (1) (11-12) <b>(4th Science with Highly Qualified) OR Engineering Design &amp; Problem Solving (Science Credit)</b>
<b>Engineering Technology</b>			
Concepts of Engineering & Technology (1/2-1) (9-10)	Principles of Technology (1) (10-12) <b>(4th Science with Highly Qualified)</b>	Robotics & Automation (1-2) (11-12)	Practicum in STEM (2-3) (12) OR Scientific Research & Design (1) (11-12) <b>(4th Science with Highly Qualified) OR Engineering Design &amp; Problem Solving (4th Science with Highly Qualified)</b>
<b>Transportation, Distribution, and Logistics Course Crosswalk</b>			
<b>Automotive Technology (Automotive &amp; Diesel)</b>			
<b>Business Information Management 1 (1) (9-12) MOS or MCAS AND Principles of Transportation, Distribution &amp; Logistics (1/2-1) (9-12)</b>	Energy, Power & Transportation Systems (1/2-1) (9-12)	Automotive Technology (1-2) (11-12)	<b>Advanced Automotive Technology (2-3) (11-12) NATEF, ASE, Hydraulics Specialist</b>
<b>Automotive Technology (Automotive Collision Repair)</b>			
<b>Business Information Management 1 (1) (9-12) MOS or MCAS AND Principles of Transportation, Distribution &amp; Logistics (1/2-1) (9-12)</b>	Energy, Power & Transportation Systems (1/2-1) (9-12)	Collision Repair & Refinishing (1-2) (10-12)	Advanced Collision Repair & Refinishing (2-3) (10-12) <b>I-CAR. NATEF, ASE</b>

<b>Automotive Technology (Small Engine)</b>			
<b>Business Information Management I (1) (9-12) MOS or MCAS AND</b> Principles of Transportation, Distribution & Logistics (1/2-1) (9-12)	Energy, Power & Transportation Systems (1/2-1) (9-12)	Small Engine Technology (1-2) (10-12)	Advanced Small Engine Technology (2-3) (11-12)
<b>Maritime</b>			
Principles of Transportation, Distribution & Logistics (1/2-1) (9-12)	Energy, Power & Transportation Systems (1/2-1) (9-12)	Logistics, Planning & Management Systems (1-2) (10-12) <b>OR</b> Transportation Systems Management (1-2) (9-12)	Practicum in Transportation, Distribution, and Logistics (2-3) (12)
<b>Aviation Technology</b>			
<b>Business Information Management I (1-2) (9-12) MOS or MCAS</b>	Energy, Power & Transportation Systems (1) (9-12)	Aircraft Technology (1-2) (10-12)	Advanced Aircraft Technology (2-3) (11-12) <b>or</b> Practicum in Transportation, Distribution, and Logistics (2-3) (12)
<b>Licensure / Certification</b>			
<b>ATC (Statewide)</b>			
Recommended 4x4 class			