



Scott County High School

CTE Pathways

2024-2025



| Agriculture Career Pathways | | | |
|---|---|---|--|
| Ag Power, Mechanical, Technical | Animal Science | Environmental Science | Horticulture & Plant Systems |
| Course I Agriscience | | | |
| Course II Ag Construction | Course II Animal Science | Course II Environmental Science | Course II Introduction to Greenhouse |
| Course III Ag Structures | Course III Animal Technology | Course III Forestry | Course III Greenhouse Technology |
| Course IV Small Power and Equipment | Course IV Veterinary Science and/or AGR 100, AGR 182 | Course IV Wildlife Resources | Course IV Floral Design and/or AGR 140, AGR 160 |
| Pathway Related Co-op/Internship | | | |
| INDUSTRY CERTIFICATIONS | | | |
| AWS Sence Certification EETC 4 Stroke Engine EETC 2 Stroke Engine ICEV EETC Pin of Small Engine Technology MSSC - Certified Production Technician | ICEV Animal Science ICEV Elenco Veterinary Medical Applications | ICEV Ducks Unlimited Ecology Conservation and Management Certification | ICEV BASF Plant Science Certification EY Dept of Ag Pesticide Operator Certifications in multiple areas and environments. |

| Business and Marketing Career Pathways | |
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| Management and Entrepreneurship | E-Commerce |
| Course I Marketing Basics | |
| Course II Digital Literacy | Course II Multimedia Publishing |
| Course III Principles of Entrepreneurship | Course III Advertising and Promotion |
| Course IV Introduction to Management | Course IV Advanced Multimedia Publishing |
| Pathway Related Co-op/Internship | |
| INDUSTRY CERTIFICATIONS | |
| Assessment of Skills and Knowledge for Business (ASK) - Fundamentals of Marketing Concepts | |
| Adobe Certified Professional - Photoshop | Adobe Certified Professional - Premiere |

| Building Construction Technology Career Pathway |
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| Plumbing, Electrical or HVAC |
| Course I Industrial Safety with Blueprint Reading |
| Course II Skill specific (Electrical, Plumbing, HVAC) CTE Training |
| Course III Advanced Skill specific (Electrical, Plumbing, HVAC) CTE Training |
| Course IV TRACK Apprenticeship |
| Pathway Related Co-op/Internship |
| INDUSTRY CERTIFICATIONS |
| OSHA 10 TRACK Youth Apprenticeship Certification NCCER Core Curriculum NCCER Trade Specific Certification |

| Information Technology Career Pathway |
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| Cybersecurity |
| Course I Digital Literacy |
| Course II Introduction to Networking Concepts (or) AP Networking Fundamentals |
| Course III Cybersecurity (or) AP Cybersecurity |
| Course IV Security Fundamentals |
| Pathway Related Co-op/Internship |
| INDUSTRY CERTIFICATIONS |
| TestOut Digital Literacy Pro TestOut Security Pro TestOut Cyberdefense Pro Comptia Network + Comptia Security + Comptia Cybersecurity Analyst |

| Family and Consumer Science Career Pathways | | |
|---|--|--|
| Culinary and Food Services | Early Childhood Development | Hospitality, Travel, Tourism and Recreation |
| Course I FCS Essentials | | |
| Course II Foods and Nutrition | Course II Early Child Development | Course II Marketing Basics |
| Course III Culinary 1 | Course III Child Development Services 1 | Course III Principles of Hospitality |
| Course IV Culinary 2 | Course IV Child Development Services 2 | Course IV Specialized Services in Hospitality |
| Pathway Related Co-op/Internship | | |
| INDUSTRY CERTIFICATIONS | | |
| ServeSafe Food Managers Certification | AAPCS Pre-Pac Industry Certification | Hospitality & Tourism Management Professional Industry Certification |

| Manufacturing - IMT Career Pathway |
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| Maintenance Mechanic |
| Course I Industrial Safety with Intro to Blueprint Reading |
| Courses II Technical Mathematics and Digital Literacy |
| Course III (3.0 GPA Required) CMM 110: Fundamentals of Machine Tools ELT 102: Blueprint Reading |
| Course IV (3.0 GPA Required) FPX 100: Fluid Power IMT 110: Industrial Maintenance Principles |
| Pathway Related Co-op/Internship |
| INDUSTRY CERTIFICATIONS |
| OSHA 10 AMTEC Certification MSSC - Certified Production Technician (CPT) NIMS - Industrial Maintenance NCCER - Industrial Maintenance Mechanic |

| Teaching and Learning Career Pathway |
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| K-12 Education |
| Course I FCS Essentials |
| Course II Early Childhood Development |
| EQU Education Courses (3.0 GPA Req.) -- EDF 203: Foundations of Education EDC: Culturally Responsive Perspectives EDF 204: Emerging Instructional Technologies SED 104: Special Education Introduction CED 100: Clinical Intro to Education Profession |
| Pathway Related Co-op/Internship |
| INDUSTRY CERTIFICATIONS |
| AAPCS Pre-Pac Industry Certification |

| Law, Public Safety, Corrections and Security Career Pathway |
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| Law Enforcement Services |
| Course I Introduction to Criminal Justice and Policing |
| Course II Law Enforcement |
| Course III Criminal Investigations |
| Course IV Emergency Management and Homeland Security |
| Pathway Related Co-op/Internship |
| INDUSTRY CERTIFICATIONS |
| FEMA (100, 200, 700 and 800) First Aid/CPR/AED Stop the Bleed National Law Enforcement Certification |