

CAREER PROGRAMS IN TECHNOLOGY AND ENGINEERING EDUCATION

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|---|---|--|---|---|---|-----------------------|-----------------------|-----------------------|--|
| CAREER CLUSTER | Arts, Audio/Video Technology and Communications | Arts, Audio/Video Technology and Communications | Arts, Audio/Video Technology and Communications | Arts, Audio/Video Technology and Communications | Arts, Audio/Video Technology and Communications | | | | |
| CIP CODE | 10.0202 | 10.0303 | 50.0102 | 50.0402 | 50.0406 | | | | |
| PROGRAM TITLE | Radio and Television Broadcasting Technology/ Technician | Prepress/ Desktop Publishing and Digital Imaging Design | Digital Arts | Commercial and Advertising Art | Commercial Photography | | | | |
| GROUP 1: FOUNDATIONAL COURSES 1 (Minimum Selection: 1) | | | | | | | | | |
| FOUNDATIONAL COURSES | Communication Technology | Communication Technology | Communication Technology | Communication Technology | Communication Technology | | | | |
| | Introduction to Technology and Engineering (Industrial) | Introduction to Technology and Engineering (Industrial) | Introduction to Technology and Engineering (Industrial) | Introduction to Technology and Engineering (Industrial) | Introduction to Technology and Engineering (Industrial) | | | | |
| | Foundations of Tech. | Foundations of Tech. | Foundations of Tech. | Foundations of Tech. | Foundations of Tech. | | | | |
| | Transportation Tech. | Transportation Tech. | Transportation Tech. | Transportation Tech. | Transportation Tech. | | | | |
| | Energy Utilization Tech. | Energy Utilization Tech. | Energy Utilization Tech. | Energy Utilization Tech. | Energy Utilization Tech. | | | | |
| | Production Tech. | Production Tech. | Production Tech. | Production Tech. | Production Tech. | | | | |
| | Beginning Audio/Visual Production | Beginning Graphic Communication | Beginning Digital Graphics | Beginning Digital Graphics | Beginning Photography | | | | |
| GROUP 2: SKILL COURSES (Minimum Selection 1) | | | | | | | | | |
| SKILL COURSES | Audio/Video Production I | Graphic Communications I | Digital Graphics | Commercial & Advertising Art I | Commercial Photography I | | | | |
| | Audio/Video Production II | Graphic Communications II | | Commercial & Advertising Art II | Commercial Photography II | | | | |
| GROUP 3: ADDITIONAL PROGRAM COURSES | | | | | | | | | |
| ADDITIONAL PROGRAM COURSES | Cooperative Education | Cooperative Education | Cooperative Education | Cooperative Education | Cooperative Education | Cooperative Education | Cooperative Education | Cooperative Education | |

A quality program delivers all required elements* and a variety of additional elements. CTE program elements include: a sequence of courses* each educational entity offering approved courses provides assurance that the course content includes at a minimum the state course description*, (State course descriptions are available at http://www.isbe.net/career/html/cte_industrial_ed.htm.), meets the state's minimum requirements for course offerings by program contain a minimum of two (2) credits of instruction*, curriculum aligned to state recognized learning standards and industry standards, career pathway guidance, resources to support program/course delivery (licensed and qualified staff, appropriate facilities, adequate equipment, instructional materials, work-based learning experiences, special populations support services, active affiliated SkillsUSA and/or TSA chapter), articulation/dual credit agreements, documentation of state agency certification or licensing requirements for occupations regulated by law or licensure, and content which prepare students for reflective of current labor and opportunity for cooperative education as a structured capstone course. Foundational courses are suggested to be taught at the 9th and 10th grade levels. Skill level courses are suggested to be taught at the 10th – 12th grade levels.