

OTHS - Career & Technical Education (CTE) Course Offerings (including SWIC Dual Credit)

FRESHMAN LEVEL

CTE BUSINESS:

- Business Ownership
- Foundations of Multimedia Production & Communication (SWIC Dual Credit)
- Microsoft Office Applications
- Technology Essentials

CTE INDUSTRIAL TECHNOLOGY & ENGINEERING:

- Technical Drawing & Engineering Design (SWIC Dual Credit)

SOPHOMORE LEVEL

CTE BUSINESS:

- Accounting 1/Honors Accounting 1
- Advanced Applications – Excel (SWIC Dual Credit)
- Advanced Applications – Word/PowerPoint (SWIC Dual Credit)
- Introduction To Artificial Intelligence (AI)
- Computer Networking (SWIC Dual Credit)
- Cybersecurity (SWIC Dual Credit)
- Microsoft Office Applications
- Foundations of Multimedia Production & Communication (SWIC Dual Credit)
- Technology Essentials
- Video Production (SWIC Dual Credit)
- Advanced Video Production 1
- Yearbook Design & Production (SWIC Dual Credit)

CTE FAMILY & CONSUMER SCIENCES:

- Culinary 1 and Culinary 2
- Early Childhood Education
- Growth & Development of Children

CTE HEALTH SCIENCES:

- Health Occupations

CTE INDUSTRIAL TECHNOLOGY & ENGINEERING:

- Technical Drawing & Engineering Design (SWIC Dual Credit)
- Carpentry (SWIC Dual Credit)
- Drafting & Engineering Design (SWIC Dual Credit)
- Electrical Applications
- 3D Modeling, Animation & 3D Printing 1
- 3D Modeling, Animation & 3D Printing 2
- Small Engine Repair
- Beginning Welding
- Welding 1 (SWIC Dual Credit)

JUNIOR LEVEL

CTE BUSINESS:

- Accounting 1/Honors Accounting 1
- Accounting 2
- Advanced Applications – Excel (SWIC Dual Credit)
- Advanced Applications – Word/PowerPoint
- Introduction To Artificial Intelligence (AI)
- Computer Networking (SWIC Dual Credit)
- Computer Programming (SWIC Dual Credit)
- Cybersecurity (SWIC Dual Credit)
- Marketing
- Advanced Digital Marketing & Social Media (SWIC Dual Credit)
- Microsoft Office Applications
- Foundations of Multimedia Production & Communication (SWIC Dual Credit)
- Personal Finance (SWIC Dual Credit)
- Video Production (SWIC Dual Credit)
- Advanced Video Production 1, 2, 3
- Yearbook Design & Production (SWIC Dual Credit)

CTE FAMILY & CONSUMER SCIENCES:

- Culinary 1
- Culinary 2
- Culinary 3
- Early Childhood Education
- Growth & Development of Children
- Family Health Maintenance

CTE HEALTH SCIENCES:

- Health Occupations
- Medical Terminology (SWIC Dual Credit)
- Foundations in Community Health & Advocacy

CTE INDUSTRIAL TECHNOLOGY & ENGINEERING:

- Technical Drawing & Engineering Design (SWIC Dual Credit)
- Carpentry (SWIC Dual Credit)
- Construction 1 (SWIC Dual Credit)
- Construction 2 – Advanced Building Trades
- Drafting & Engineering Design (SWIC Dual Credit)
- Engineering Design (CAD) 1 (SWIC Dual Credit)
- Engineering Design (CAD) 2
- Electrical Applications
- Beginning Welding
- Welding 1 & Welding 2 (SWIC Dual Credit)
- 3D Modeling, Animation & 3D Printing 1
- 3D Modeling, Animation & 3D Printing 2
- Small Engine Repair

SENIOR LEVEL

CTE BUSINESS:

- Accounting 1/Honors Accounting 1
- Accounting 2
- Advanced Apps – Excel (SWIC Dual Credit)
- Advanced Apps– Word/PPT (SWIC Dual Credit)
- Introduction To Artificial Intelligence (AI)
- CEO – Business Leadership (SWIC Dual Credit)
- Computer Networking (SWIC Dual Credit)
- Computer Programming (SWIC Dual Credit)
- CTE – Work Experience
- Cybersecurity (SWIC Dual Credit)
- Marketing
- Advanced Digital Marketing & Social Media (SWIC Dual Credit)
- Microsoft Office Applications
- Foundations of Multimedia Production & Communication (SWIC Dual Credit)
- Personal Finance (SWIC Dual Credit)
- Video Production (SWIC Dual Credit)
- Advanced Video Production 1, 2, 3, 4
- Yearbook Design & Production (SWIC Dual Credit)

CTE FAMILY & CONSUMER SCIENCES:

- Culinary 1 (only if space after 10th and 11th)
- Culinary 2
- Culinary 3
- Early Childhood Education
- Growth & Development of Children
- Family Health Maintenance

CTE HEALTH SCIENCES:

- Health Occupations
- Medical Terminology (SWIC Dual Credit)
- Foundations in Community Health & Advocacy

CTE INDUSTRIAL TECHNOLOGY & ENGINEERING:

- Technical Drawing & Engineering Design (SWIC Dual Credit)
- Carpentry (SWIC Dual Credit)
- Construction 1 (SWIC Dual Credit)
- Construction 2 – Advanced Building Trades
- Drafting & Engineering Design (SWIC Dual Credit)
- Engineering Design (CAD) 1 (SWIC Dual Credit)
- Engineering Design (CAD) 2
- Electrical Applications
- Beginning Welding
- Welding 1 & Welding 2 (SWIC Dual Credit)
- 3D Modeling, Animation & 3D Printing 1
- 3D Modeling, Animation & 3D Printing 2
- Small Engine Repair

See CTE course descriptions & prerequisites in Curriculum Guide (pg. 31-42): www.oths.us > Students > Curriculum Guide/Course Descriptions

Junior/Senior - See Appendix at end of the curriculum guide for additional CTE courses, course descriptions, and prerequisites through the

Collinsville Area Vocational Center (CAVC) Program.

2027-2028 academic year