



OPPORTUNITIES: TECH ED. AT CONESTOGA VALLEY SCHOOL DISTRICT

MIDDLE SCHOOL *(REQUIRED)*

7TH GRADE

- INTRODUCTION TO ADVANCED MANUFACTURING
 - PROGRAMMABLE LOGIC CONTROL WITH LEGOS
 - MANUFACTURING WITH CNC TECHNOLOGY
 - TRANSPORTATION TECHNOLOGY
- INTRODUCTION TO DESIGN & CONSTRUCTION
 - DRAWING & COMMUNICATION
 - STRUCTURAL ENGINEERING
 - MANUFACTURING

8TH GRADE

- ENGINEERING & DIGITAL COMMUNICATION
 - VIDEO GAME PROGRAMMING
 - VIDEO EDITING TECHNOLOGY
 - ROCKETRY
- ENGINEERING DESIGN & MANUFACTURING
 - CAD
 - TRANSPORTATION/PROBLEM SOLVING
 - MASS PRODUCTION/ MANUFACTURING (ASSEMBLY LINE)

HIGH SCHOOL *(ELECTIVES)*

PRODUCTION COURSES

- WOOD TECHNOLOGY 1
- WOOD TECHNOLOGY 2
- ADVANCED WOOD TECHNOLOGY
- FURNITURE MAKING TECHNOLOGY
- BUILDING CONSTRUCTION
- PLASTIC TECHNOLOGY 1
- PLASTIC TECHNOLOGY 2
- METAL/ MANUFACTURING TECHNOLOGY 1
- METAL/ MANUFACTURING TECHNOLOGY 2
- ADVANCED METAL/ MANUFACTURING TECH
- PROJECT DESIGN

ENGINEERING COURSES

- CONTROL POWER TECHNOLOGY
- ELECTRONICS
- ENGINEERING/APPLIED TECHNOLOGY 1
- ENGINEERING/APPLIED TECHNOLOGY 2
- ROBOTICS AND AUTOMATION
- CADD 1
- CADD 2
- ARCHITECTURAL CADD
- ADVANCED CADD TECH
- AVIATION TECHNOLOGY
- AEROSPACE TECHNOLOGY

PHOTOGRAPHY, VIDEO & GRAPHICS COURSES

- PHOTOGRAPHY 1
- PHOTOGRAPHY 2
- VIDEO PRODUCTION TECHNOLOGY 1
- VIDEO PRODUCTION TECHNOLOGY 2
- ADVANCED VIDEO PRODUCTION
- TELEVISION PRODUCTION
- GRAPHIC TECHNOLOGY 1
- GRAPHIC TECHNOLOGY 2