CTEC Course Options 2026-27

Below is a list of course options for CTEC. Please verify you have met the pre-requisites for any course that may be listed below. Students can view course description and pre-requisite information in the Interactive Course Guide.

Biotechnology Pathway - 1st Year
Option 1: Medical Interventions + Biotechnology Essentials
Biotechnology Pathway - 2nd Year
Option 1: Biomedical Innovation + Bioscience Workplace Experience
Media Design & Communications Pathway, Graphic Design/Web & Digital Design - 1st Year
Option 1 (Design Strand): Drawing for Designers & Principles of Illustration + Graphic Design II
Option 2 (Design/Web & Digital Design Strand): Drawing for Designers & Principles of Illustration + Web Design
Media Design & Communications Pathway, Graphic Design/Web & Digital Design - 2nd Year
Option 1 (Design Strand): Graphic Design Workplace Experience + Web Design
Option 2 (Design Strand): Web & Design Workplace Experience + Graphic Design II
Option 3 (Web & Digital Design Strand): Animation + Graphic Design II
Media Design & Communications Pathway, Graphic Design/Web & Digital Design - 3rd Year
Option 1 (Design Strand): Graphic Design Workplace Experience + CAPS Makerspace
Option 2 (Design Strand): Web & Design Workplace Experience + CAPS Makerspace
Option 3 (Web & Digital Design Strand): Game Design + Web & Design Workplace Experience
Manufacturing Pathway - 1st Year
Option 1: Production Blueprint Reading & Intro to Welding + Production 1
Manufacturing Pathway - 2nd Year
Option 1: Production Methods II + Robotics I
Option 2: Production Methods II + CAPS Makerspace
Manufacturing Pathway - 3rd Year
Option 1: Workplace Experience in Manufacturing + CTEC Elective
Automation Engineering - 1st Year
Option 1: Robotics I + Principles of Engineering
Automation Engineering - 2nd Year
Option 1: Digital Electronics + Computer Integrated Manufacturing **Option 2:** Digital Electronics + Robotics II **Option 3:** Computer Integrated Manufacturing + Robotics II
Automation Engineering - 3rd Year
Option 1: Engineering Design & Development + Engineering Workplace Experience **Option 2:** Digital Electronics + Engineering Workplace Experience **Option 3:** Computer Integrated Manufacturing + Engineering Workplace Experience
Engineering & Applied Mathematics Pathway - 1st Year
Option 1: Robotics I + Principles of Engineering
Engineering & Applied Mathematics Pathway - 2nd Year
Option 1: Digital Electronics + Computer Integrated Manufacturing
Engineering & Applied Mathematics Pathway - 3rd Year
Option 1: Engineering Design & Development + Engineering Workplace Experience
Programming & Software Development Pathway - 1st Year
Option 1: AP Computer Science Principles + Web Design
Programming & Software Development Pathway - 2nd Year
Option 1: AP Computer Science A + Cybersecurity
Option 2: AP Computer Science A + WBL in Programming & Software Development