

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 (Web & Digital Design Strand): Animation + Graphic Design II

Option 3 (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 + Manufacturing Workplace Experience

Automation Engineering - 1st Year

Option 1: Robotics I + Principles of Engineering

Option 2: Robotics I + Web Page Design (Only for 26-27 SY and if student has already taken POE)

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: Digital Electronics + Engineering Workplace Experience

Option 2: 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

Option 2: AP Computer Science Principles + Robotics (26-27 SY Only)

Programming & Software Development Pathway - 2nd Year

Option 1: AP Computer Science A + Cybersecurity

Option 2: AP Computer Science A + WBL in Programming & Software Development