

# ENGINEERING TECHNOLOGY PROGRAM OF STUDY

Program Description			Grade	Courses
<b>Engineering Technology</b>	CTE Pathway	Students explore 3D modeling and 3D printing to solve real-world engineering and architectural challenges. Students design, draft, and utilize CAD (Computer Aided Design) to put those ideas into action. Students in this program will be prepared to pursue careers in mechanical, industrial, and civil engineering, as well as architecture, surveying and drafting.	9	Career and Financial Management Design and Drawing for Production
			10	Engineering Lab Architectural Modeling
			11	Architectural Design Computer Aided Design
			12	Engineering Design Computer Aided Design Material Testing

COLLEGE AND CAREER OPTIONS	
Career	New York State College Options
Mechanical Engineer	Rochester Institute of Technology
Industrial Engineer	Erie Community College
Civil Engineer	SUNY at Binghamton
Marine Engineer	University at Buffalo
Environmental Engineer	SUNY Maritime College
Construction Carpenter	Cornell University
Architect/Engineer Assistant	Syracuse University
Surveyor	Alfred State College
Drafter	Genesee Community College
	Jamestown Community College