

CTE PATHWAYS AND COURSES CHART (For Students)

INDUSTRY SECTOR	PATHWAY NAME	COURSE SEQUENCE		ELECTIVE COURSES CONNECTED WITH PATHWAY <small>(NOT ALL COURSES ARE OFFERED every year.)</small>
Engineering	Engineering Technology	Intro to Design	Principles of Engineering	<ul style="list-style-type: none"> • Computer Integrated Manufacturing • Civil Engineering and Architecture • Digital Electronics • Aerospace Engineering • Engineering Research and Development • Robotics
Information and Communication Technologies	Web and Social Media Programming and Design	Computer Science Discoveries	Designs for the Web	<ul style="list-style-type: none"> • AP Computer Science Principles • AP Computer Science A
Arts, Media and Entertainment	Graphic Design	Computer Graphics	Advanced Computer Graphics	
	Visual/Commercial Art	Digital Photography	Advanced Photography	
	Film/Video Production	Art of Video Production	Broadcast Journalism	
	Multimedia Production	Digital Recording Studio	Advanced Audio Production	
Building and Construction Trades	Residential and Commercial Construction	Wood 1	Construction Technology	
Transportation	Systems Diagnostics and Services	Auto 1	Advanced Auto	<ul style="list-style-type: none"> • Electric & Autonomous Technology
Health Science and Medical Technology	Patient Care	Sports Medicine	Advanced Sports Medicine	<ul style="list-style-type: none"> • Medical Terminology • Medical Interventions • Biomedical Innovation
	Biotechnology	Principles of Biomedical Science	Human Body Systems	