

## 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"> <li>• Computer Integrated Manufacturing</li> <li>• Civil Engineering and Architecture</li> <li>• Digital Electronics</li> <li>• Aerospace Engineering</li> <li>• Engineering Research and Development</li> <li>• Robotics</li> </ul>
Information and Communication Technologies	Web and Social Media Programming and Design	Computer Science Discoveries	Designs for the Web	<ul style="list-style-type: none"> <li>• AP Computer Science Principles</li> <li>• AP Computer Science A</li> </ul>
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"> <li>• Electric &amp; Autonomous Technology</li> </ul>
Health Science and Medical Technology	Patient Care	Sports Medicine	Advanced Sports Medicine	<ul style="list-style-type: none"> <li>• Medical Terminology</li> <li>• Medical Interventions</li> <li>• Biomedical Innovation</li> </ul>
	Biotechnology	Principles of Biomedical Science	Human Body Systems	