Programs of Study - Corona Del Mar High School					
Local Colleges - Orange Coast College, Saddleback College, Coastline College, Golden West College, Irvine Valley College					
Pathway Options					
Grade Level	**Required HS Courses**	**CTE OPTIONS**	**Engineering Design**	**Design, Visual and Media Arts**	**Networking (Cybersecurity)**
7 or 8 **CdM MS**		Exploratory	Exploring in Tech 7th and 8th grade		Exploring in Tech 7th and 8th grade
9	Euro History English Math Bio/Life Science Language Physical Ed	Exploratory or Intro	Introduction to Design Engineering (IDE) "F"	Introduction to Media Arts and Photography "F"	Exploring Computer Science "G"
10	English Math Physical Science Language Physical Ed	Exploratory, Intro or Concentrator	Principles of Engineering (POE) "D"	Introduction to Media Arts and Photography "F"	AP Computer Science Principles "D"
11	History English Math Science Rec** VPA or "F" CTE	Concentrator	Robotics and Artificial Intelligence "G"	Intermediate Media Arts and Photography "F"	TBD: Exploring Hardware/Software + 2021-22
12	Govt/Econ English Math Rec** VPA or "F" CTE G Elective/CTE	Capstone	TBD 2021-22	Advanced Media Arts Portfolio "F"	TBD: Exploring Security/Network+ 2022-23
Other Courses	1/2 Yr Health 1/2 Yr Applied Skills				

Industry Certifications, Licenses, or credentials related to this pathway	MOS AutoCAD	MOS Adobe Certified Associate Exams	MOS Python Certification

Community College Pathway Options			

Orange Coast College	Certificates	Avionics Aviation Science	Graphic Design UX Design	Computer Information Systems Computer Programming Python Programming Web Design Computer Science
	Degrees	AS Engineering AS Aviation Science	AS Graphic Design AS UX Design	AS Computer Info Systems AS Computer Programming
	Catalogue Link	http://www.orangecoastcollege.edu/academics/CourseCatalog/Pages/default.aspx		

Golden West College	Certificates	N/A	Graphic Design & Production Graphic Design Adv Production Graphic Design Foundation Graphic Design Web Site Design	Software Development Video Game Development
	Degrees	N/A	AA Graphic Design & Production	AS Software Development AS Video Game Development
	Catalogue Link	http://www.goldenwestcollege.edu/college/degrees-certificates-transfer-planning/		

Coastline College	Certificates	Electronics	Digital Medial Design Animation & Gaming Foundation	Cisco Cybersecurity Microsoft Cisco Certified Networking Administrator and Professional CompTIA
	Degrees	AA Electronics	N/A	AS Cisco AS Cybersecurity AS Microsoft
	Catalogue Link	http://www.coastline.edu/academics/degrees-and-certificates		

Irvine Valley College	Certificates	Computer Aided Design Design Model Making & Rapid Prototyping Electronic Technology Electronics Aide Energy Solar Photovolaic Systems Technician Pre-Engineering	Digital Media Art	Cisco Certified Network Assoc Computer Application
	Degrees	AS Computer Aided Design AS Design Model Making & Rapid Prototyping AS Electronic Technology	AA Digital Media Art	AS Computer Applications AS Computer Science AST Computer Science
	Catalogue Link	http://catalog.ivc.edu/content.php?catoid=19&navoid=2709		

Saddleback College	Certificates	Analog & Digital Circuit Electronic Technology Digital Electronic Technology General Electronic Technology	Computer Graphics Graphics Communications Graphics Design Illustration/Animation Biomedial Illustration	Applications Developer Business Information Worker II E-Commerce Specialist Network Administrator Software Specialist Web Designer Webmaster Information Security
	Degrees	AS Analog & Digital Circuit Electronic Technology AS Digital Electronic Technology AS General Electronic Technology	AS Computer Graphics AS Graphics Communications AS Graphics Design AA Illustration/Animation	AS Applications Developer AS E-Commerce Specialist AS Network Administrator AS Software Specialist AS Web Designer AS Webmaster AS Information Security
	Catalogue Link	https://www.saddleback.edu/vpi/Academic-Programs		

Occupations available with secondary and 2 year post-secondary education	Manufacturing Engineer Manufacturing Engineer Technologist	Multimedia Artist & Animators Graphic Designers Photographer Desktop Publisher	Web Design Data Entry Computer Programming Computer Operator