Clark Magnet High School ~ Career Technical Education Pathways

Industry Sector	Pathway	School Programs	MS Course Introductory	HS Course Introductory	HS Course Concentration	HS Course 2nd Concentration or Capstone	HS Internship or Capstone Course (Work-based learning)	Glendale Community College	Certifications (Skill or Industry)	Career Examples	Average Salary
Arts, Media, and Entertainment	Design, Visual, and Media Arts	Animation		Tech Lit	Comp Animation 1-2	Comp Animation 3-4	Comp Animation 5-6	Computer Animation 5-6 (Articulated with GCC Art 201)		3D Modelor, Flash Animator, StoryBoard Artist, Video Game Designer, Forensic Animator	National Average of Annual Salary: $76.560 California Average of Annual Salary: $85,340
Arts, Media, and Entertainment	Design, Visual, and Media Arts	Cinematography		Cinematography 1-2	Cinematography 3-4	CInematography 5-6 Honors	Arts, Media & Entertainment/Cinema Internship		AVID Professional Editor Cert	Production Assistant, Script Writer, Broadcast Presenter, Producer, Pop Master	National Average of Annual Salary: $61,530 California Average of Annual Salary: $75,030
Arts, Media, and Entertainment	Design, Visual, and Media Arts	Design		Tech Lit	Design 1-2	Design 3-4	Design 5-6			Graphic Designer, Corporate Publishing, Multimedia Specialist, Comic Book Artist, Photographer	National Average of Annual Salary: $76,560 California Average of Annual Salary: $85,340
Arts, Media, and Entertainment	Design, Visual, and Media Arts	Photography		Tech Lit	Digital Photography Foundations 1-2	Honors Digital Photography 3-4	AP Studio Art 2D	Digital Photo Fnd. 1-2 (Articulated with GCC Photo 101) Honors Digital Photo 3-4 (Articulated with GCC Photo 130		Camera Operator, Art Director, Photo Journalist, Scientific Photographer, Videographer	National Average of Annual Salary: $41,940 California Average of Annual Salary: $49,680
Information & Communication Technologies (ICT)	Software Systems Development & Networking	Programming/Coding / Networking		Tech Lit	Information Systems & Information Technology Essentials 1-2	Networking & Cyber Security 3-4		Info Systems & Info Tech Essentials 1-2 (Articulated GCC Course CI/IS 194)	NIMS & Immerse Learn	Application Developer, Database Administrator, Software Publisher, Network Architect, Software Engineer	National Average of Annual Salary: $87,530 California Average of Annual Salary: $96,270
Engineering and Architecture	Engineering Design/Tech	Engineering		Tech Lit	Intro to Engineering 1-2	Principles of Engineering & Manufacturing 3-4	Computer Aided Manufacturing (CAM) 5-6 & CAM 7-8 Sector: Machining & Forming Technologies	Intro to Engineering 1-2 (Articulated GCC COurse ENGR 117) Principles of Engineering/Manufacturing 3-4 (Articulated GCC Course ENGR 120)		CAD Technician, Agricultural Engineer, Nuclear Engineer, Construction Apprentice, Aerospace Engineer	National Average of Annual Salary: $86,190 California Average of Annual Salary: $99,580
Engineering and Architecture	Engineering Design/Tech	Engineering		Tech Lit	Robotics Team Project 1-2	Honors Robotics Team Project 3-4		Robotics Team Project 1-2 (Articulated with GCC ENGR 130)		Robotics Engineer, Research Specialist, CAD Technician, Computer Security, Engineering Aid	National Average of Annual Salary: $86,190 California Average of Annual Salary: $99,580
Engineering and Architecture	Architectual Design	Architecture		Tech Lit		Architecture 101: 102: 250 (Dual GCC course)		Arch 101/102 Dual GCC course		Architect, Building Inspector, Industrial Designer, Structural Engineer, Political Architect	National Mean of Annual Salary: $86,190 California Mean of Annual Salary: $99,580
Engineering and Architecture	Environmental Engineering	Geographical Information System (GIS)		Tech Lit	Geology of Disaster	Honors GIS and Remote Sensing (replaces Science Research) (Pending)	Honors Environmental GIS	Geo 155 (GCC course)	ArchGIS Desktop	Cartographer, Remote Sensing, Environmental Scientist, Urban Planner, Geographer	National Average of Annual Salary: $67,390 California Average of Annual Salary: $84,280
Business Management	Business Management	Entrepreneurship/ Business			Business Foundation & Law	Business Communication & Social Media Marketing 3-4		BUS 101-Intro To Business GCC Dual; BUS 110/BUS 141 GCC Dual Courses		Real Estate Broker, Business Educator, Entrepreneur, Management Consultant, Corporate Attorney	National Average of Annual Salary: $76,330 California Average of Annual Salary: $83,500

Course Descriptions: https://www.gusd.net/P

CTE information: gusd.net/cte