

Industry Sector: Arts, Media and Entertainment

Pathway: Media and Design Arts (Prospect High School)



California Sample Program of Study

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives	Sample Occupations relating to this pathway (Including SOC Code)	
MIDDLE SCHOOL	7	Reading Language Arts	Pre-Algebra	World History /Geography	Life Sciences	Computer Basics	Art 1A	Occupations requiring a high school diploma <ul style="list-style-type: none"> ➤ Admin Assistant ➤ Media Specialist ➤ Desktop Publisher Occupations requiring some post-secondary <ul style="list-style-type: none"> ➤ Assistant Editor ➤ Videographer ➤ Animation Assistant Occupations requiring a 2 year Degree <ul style="list-style-type: none"> ➤ Web Designer ➤ Graphic Artist ➤ Multimedia Animator Occupations requiring a BA/BS Degree <ul style="list-style-type: none"> ➤ Creative Arts Director ➤ Digital Media Specialist ➤ Graphic Designer 	
	8	Reading Language Arts	Algebra 1	US History /Geography	Life Sciences	Web Design	Yearbook/ Journalism		
SECONDARY	9	English 1	Geometry	No class in Social Studies. Other electives available.	Earth Science	Art 1 - Drawing and Painting			
	10	English 2	Algebra 2	World History	Biology	Technical Theatre Arts			
	11	English 3	Intermediate Algebra 2 / Trigonometry	US History	Chemistry	Digital Tools			
	12	English 4	Trigonometry/Pre-Calculus	American Gov't.	Physics	Digital Design for Web			
POSTSECONDARY	Articulated dual credit courses must be taken/moved to the secondary level for articulation/dual credit purposes.								
	13	English Language, Communications, and Critical Thinking • Written Communication 3 Units • Oral Communication 3 Units • Critical Thinking 3 Units		Major Requirements MEDIA ARTS ART 072 Computer Graphics 3 Units ART 079A Web Design 1 3 Units JOURN 021 Communications Media and Society 3 Units		San Jose City College Art-079A Web Design 1		Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway. <ul style="list-style-type: none"> ➤ Computer Graphics (Adobe Certified Expert) ➤ Certified Web Designer (Association of Web Professionals) 	
	14	Scientific Inquiry and Quantitative Reasoning** • Physical Science 3 Units • Biological Science 3 Units • Science with lab from Physical or Biological sciences 0 Units • Mathematics 3 Units		JOURN 022 News Writing and Reporting for the Media 3 Units JOURN 087 Visual Communication PHOTO 076 Photoshop 1 3 Units In addition to the journalism and photo courses, students are required to take a publication laboratory class for a minimum of 3 units choosing from one of the following publication laboratory classes:					
		Arts and Humanities*** • Fine Arts 3 Units • Humanities 3 Units • Fine Arts or Humanities 3 Units		JOURN 032A Newspaper Lab – Introduction to News Reporting 3 Units OR JOURN 032B Newspaper Lab – Photojournalism 3 Units OR JOURN 032D Newspaper Lab – Production and Design 3 Units					
		• Social Sciences <i>Select two courses from the Social Science list for 6 units</i> 6-12 Units • Lifelong Learning and Self-Development 3 Units • Physical Activity 1 Unit							
	Total =	40 Units		Total =	21 Units				
Junior High/Middle School:				Moreland Middle School		Required Courses Career Technical Education Courses Other Required Courses and Recommended Electives Dual/Concurrent Enrollment – Articulated Courses			
High School:				Prospect High School					
Community College:				San Jose City College					
College/University:				SCU/SJSU					

Industry Sector: Building Trades

Pathway: Residential and Commercial Construction (Live Oak High School)



California Sample Program of Study

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives	Sample Occupations relating to this pathway (Including SOC Code)
MIDDLE SCHOOL	7	English Language Arts 7	Pre-Algebra/ Algebra 1	Not Required	Introduction to Life Science	Introduction to Studio Art	Physical Education 7 Required	Introduction to Computers
	8	English Language Arts 8	Algebra 1/ Plane Geometry	United States History	Introduction to Physical Science	Introduction to Computers	Physical Education 8 Required	Introduction to Computers
SECONDARY	9	English 9	Plane Geometry	World Geography in Global Perspectives	Biology	Visual and Performing Art any Year Grades 9 th -12 th	Physical Education 9 Required	Language Other Than English a-g Requirement
	10	English 10	Algebra 2	World History	Geology	Woodworking	Life Long Activities Required for Graduation Any Year Grades 10 th – 12 th	Language Other Than English a-g Requirement
	11	American Literature	Trigonometry/ Pre-Calculus	US History	Chemistry	Cabinet Making	Visual and Performing Arts Required Any Year Grades 9 th – 12 th	Language Other Than English a-g Requirement
	12	British Literature	AP Calculus	Civics and Economics	Physics	Construction Tech	Life Long Activities Required for Graduation Any Year Grades 10 th – 12 th	
POSTSECONDARY	Articulated dual credit courses must be taken/moved to the secondary level for articulation/dual credit purposes.							Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway. <ul style="list-style-type: none"> ➤ Building Operator Certification ➤ California Building Inspector Cert. ➤ Underwriter Labs Photovoltaic Installer Certification
	13	English Language, Communications, and Critical Thinking • Written Communication 3 Units • Oral Communication 3 Units • Critical Thinking 3 Units	Construction Technology Major Requirements CNSTR 101A Construction Tools, Materials, and Process 4 Units CNSTR 101B Residential Construction Framing 3 Units		• Introduction to Hand and Power Tools CNSTR 100 • Blueprint Reading CNSTR 115 • Fed-OSHA 10 Hour Safety CNSTR 117			
	14	Scientific Inquiry and Quantitative Reasoning** • Physical Science 3 Units • Biological Science 3 Units • Science with lab from Physical or Biological sciences 0 Units • Mathematics 3 Units	CNSTR 102A Residential Construction Plumbing 3 Units CNSTR 102B Residential/Commercial Wiring 4 Units CNSTR 106 Construction Blueprint Reading, Estimating, Codes & Specifications 3 Units CNSTR 115 Blueprint Reading 1 Unit		• Estimating CNSTR 116 • Careers in Construction CNSTR 116			
		Arts and Humanities*** • Fine Arts 3 Units • Humanities 3 Units • Fine Arts or Humanities 3 Units	CNSTR 117 FED-OSHA 10 Hour Safety 1 Unit CNSTR 125 Green Construction 3 Units Total = 22 Units					
		• Social Sciences <i>Select two courses from the Social Science list for 6 units</i> 6-12 Units • Lifelong Learning and Self-Development 3 Units • Physical Activity 1 Unit Total = 40 Units						
Junior High/Middle School:		Britton Middle School				Required Courses		
High School:		Live Oak High School				Career Technical Education Courses		
Community College:		San Jose City College				Other Required Courses and Recommended Electives		
College/University:		San Jose State University				Dual/Concurrent Enrollment – Articulated Courses		