

Occupation Profile

Industries Employing

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Sound Engineering Technicians

(SOC Code : 27-4014)

in California

Operate machines and equipment to record, synchronize, mix, or reproduce music, voices, or sound effects in sporting arenas, theater productions, recording studios, or movie and video productions.

Employers are usually looking for candidates with Post secondary vocational training .

Occupational Wages

[\[Top\]](#)

Area	Year	Period	Hourly Mean	Hourly by Percentile		
				25th	Median	75th
California	2024	1st Qtr	\$41.28	\$22.89	\$30.42	\$59.65

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Occupational Projections of Employment (also called "Outlook" or "Demand")

[\[Top\]](#)

Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
		Estimated	Projected	Number	Percent	
California	2020 - 2030	3,600	4,300	700	19.4	4,650

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Industries Employing This Occupation (click on Industry Title to View Employers List)

[\[Top\]](#)

Percent of Total

Industry Title	Number of Employers in State of California	Employment for Occupation in State of California
Motion Picture and Video Industr	4,410	38.5%
Independent Artists, Writers, an	3,140	4.7%
Religious Organizations	32,280	2.8%
Performing Arts Companies	5,625	1.4%

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Training Programs (click on title for more information)

[\[Top\]](#)

Program Title

[Communications Technology/Technician](#)

[Recording Arts Technology/Technician](#)

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About This Occupation (from O*NET - The Occupation Information Network)

[\[Top\]](#)

Top Tasks (Specific duties and responsibilities of this job.)

Confer with producers, performers, and others to determine and achieve the desired sound for a production, such as a musical recording or a film.

Prepare for recording sessions by performing activities such as selecting and setting up microphones.

Record speech, music, and other sounds on recording media, using recording equipment.

Regulate volume level and sound quality during recording sessions, using control consoles.

Separate instruments, vocals, and other sounds, and combine sounds later during the mixing or postproduction stage.

Mix and edit voices, music, and taped sound effects for live performances and for prerecorded events, using sound mixing boards.

Keep logs of recordings.

Report equipment problems and ensure that required repairs are made.

Set up, test, and adjust recording equipment for recording sessions and live performances.

Synchronize and equalize prerecorded dialogue, music, and sound effects with visual action of motion pictures or television productions, using control consoles.

[More Tasks for Sound Engineering Technicians](#)

Top Skills used in this Job

Active Listening - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

Speaking - Talking to others to convey information effectively.

Critical Thinking - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Reading Comprehension - Understanding written sentences and paragraphs in work related documents.

Monitoring - Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.

Complex Problem Solving - Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

Operation Monitoring - Watching gauges, dials, or other indicators to make sure a machine is working properly.

Writing - Communicating effectively in writing as appropriate for the needs of the audience.

Coordination - Adjusting actions in relation to others` actions.

Active Learning - Understanding the implications of new information for both current and future problem-solving and decision-making.

[More Skills for Sound Engineering Technicians](#)

Data for Abilities not available.

[More Abilities for Sound Engineering Technicians](#)

Top Work Values (Aspects of this job that create satisfaction.)

Independence - Occupations that satisfy this work value allow employees to work on their own and make decisions.

Relationships - Occupations that satisfy this work value allow employees to provide service to others and work with co-workers in a friendly non-competitive environment.

[More WorkValues for Sound Engineering Technicians](#)

Top Interests (The types of activities someone in this job would like.)

Realistic - Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.

Artistic - Artistic occupations frequently involve working with forms, designs and patterns. They often require self-expression and the work can be done without following a clear set of rules.

[More Interests for Sound Engineering Technicians](#)

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