



Labor Market Analysis:

0604.20 – Television (including combined TV/Film/Video)

Film and Television Production – Certificate requiring 16 to fewer than 30 semester units

Los Angeles Center of Excellence, July 2025

Program Endorsement:	Endorsed: All Criteria Met <input type="checkbox"/>	Endorsed: Some Criteria Met <input checked="" type="checkbox"/>	Not Endorsed <input type="checkbox"/>
Program Endorsement Criteria			
Supply Gap:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> (See below)	
Living Wage: (Entry-Level, 25th)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Education:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Emerging Occupation(s)			
	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

SUMMARY

This report analyzes whether local labor market demand is being met by community college programs aligned with the identified middle-skill occupations¹ or whether a shortage of workers exists. Labor market demand is measured by annual job openings while education supply is measured by the number of awards (degrees and certificates) conferred on average each year.

Based on the available data, there does not appear to be a supply gap in the region for these five middle-skill occupations. However, since the gap is within the COE's acceptable margin, it is considered "supply met" rather than a "supply gap." The TOP and CIP codes in this report train for the five target occupations in this report, as well as other media and communications occupations. Since these TOP and CIP codes train for more occupations than just target occupations, it is difficult to accurately gauge relevant completions, which increases the margin of error in the supply side analysis and in this case, possibly overestimating the supply estimates for the number of awards issued. There may be demand for these workers from local employers that is not reflected in traditional labor market data and for this reason, real-time labor market data is included in this report as well – to provide a more nuanced view of the regional job market for middle-skill film and television production occupations. Furthermore, entry-level wages exceed the self-sufficiency standard wage in Los Angeles County, and more than one-third of current workers in the field have completed an associate degree or less education as their highest level of educational attainment.

¹ Middle-skill occupations typically require some postsecondary education, but less than a bachelor's degree. The COE classifies middle-skill jobs as the following:

- All occupations that require an educational requirement of some college, associate degree or apprenticeship;
- All occupations that require a bachelor's degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- All occupations that require a high school diploma or equivalent or no formal education, but also require short- to long-term on-the-job training where multiple community colleges have existing programs.

Recommendation: Due to two of three program endorsement criteria being met, the Los Angeles Center of Excellence for Labor Market Research (LA COE) endorses this proposed program.

Key Findings

Supply Gap

- 2,017 annual job openings are projected in the region through 2028. This number is less than the three-year average of 2,672 awards conferred by educational institutions in the region.
 - Although there are more awards conferred than job openings, the data suggests that the **demand has been met for these occupations within the LA/OC region** since the three-year average number of awards (supply) is within an acceptable margin of annual job openings (demand).
 - The TOP and CIP codes in this report train for the five target occupations in this report, as well as other media and communications occupations. Since these TOP codes train for more occupations than just the target occupations in this report, it is difficult to accurately gauge relevant completions, which increases the margin of error in the supply side analysis and in this case, possibly overestimating the supply estimates for awards.
 - Over the past 12 months, there were **2,442 online job postings related to the target middle-skill film and television production occupations**. The highest number of job postings were for videographers, video editors, videographers/editors, home theater specialists, and lighting technicians.

Living Wage

- 89% of annual job openings for these middle-skill film and television production occupations have entry-level wages **above** Los Angeles County's self-sufficiency standard hourly wage (\$24.03/hour).²

Educational Attainment

- 77% of the annual job openings typically require a bachelor's degree for middle-skill occupations related to film and television production in the LA/OC region.
- 34%-55% of workers in the field have completed an associate degree or less education, according to national educational attainment data.

Community college supply

- 19 community colleges issued awards related to film and television production in the greater LA/OC region.
- 970 awards (degrees and certificates) were conferred on average each year between 2022 and 2024.

² Center for Women's Welfare, University of Washington. (2024). *The self-sufficiency standard for California 2024*. <http://selfsufficiencystandard.org/California>.

Other postsecondary supply

- 20 educational institutions in the LA/OC region have conferred awards in programs related to film and television production over the past three years.
- 1,702 awards were conferred on average each year by other postsecondary institutions throughout the greater LA/OC region between 2021 and 2023.

TARGET OCCUPATIONS

LA COE prepared this report to provide regional labor market and postsecondary supply data related to five middle-skill occupations. Although some of the occupations in this report typically require a bachelor's degree, they are considered middle-skill because approximately one-third of workers in the field have completed some college or an associate degree. [For full occupation descriptions, please see Appendix.](#)

- **Broadcast Announcers and Radio Disc Jockeys (27-3011)**³
- **Broadcast Technicians (27-4012)**⁴
- **Lighting Technicians (27-4015)**⁵
- **Camera Operators, Television, Video, and Film (27-4031)**⁶
- **Film and Video Editors (27-4032)**⁷

OCCUPATIONAL DEMAND

Exhibit 1 shows the five-year occupational demand projections for these middle-skill film and television production occupations. In the greater Los Angeles/Orange County region, the number of jobs related to these occupations is projected to decrease by 9% through 2028. However, there will be more than 2,000 job openings per year through 2028 due to retirements and workers leaving the field. The majority of jobs in 2023 for these middle-skill target occupations (93%) were located in Los Angeles County.

Exhibit 1: Current employment and occupational demand, Los Angeles and Orange counties⁸

Geography	2023 Jobs	2028 Jobs	2023-2028 Change	2023-2028 % Change	Annual Openings
Los Angeles	22,311	20,467	(1,843)	(8%)	1,876
Orange	1,720	1,440	(280)	(16%)	141
Total	24,031	21,907	(2,124)	(9%)	2,017

³ [Announcers and DJs \(bls.gov\)](#)

⁴ [Broadcast, Sound, and Video Technicians \(bls.gov\)](#)

⁵ [Ibid.](#)

⁶ [Film and Video Editors and Camera Operators \(bls.gov\)](#)

⁷ [Ibid.](#)

⁸ Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

Detailed Occupation Data

Exhibit 2 displays the current employment and projected occupational demand for each of the target occupations in Los Angeles County. Positive scores for automation resilience⁹ reflect a lower-than-average threat of the occupation(s) being replaced by automation, while negative scores reflect a greater-than-average risk of automation. The average percentage of workers aged 55+ across all occupations in the Los Angeles/Orange County region is 26%; occupations with a larger share of workers aged 55 and older typically have greater replacement needs to offset the amount of impending retirements. On average, 81% of workers across all occupations in California are employed full-time.

Exhibit 2: Detailed employment and occupational demand, Los Angeles County¹⁰

Occupation	2023 Jobs	2028 Jobs	5-Yr % Change	Annual Openings	Automation Resilience	% Aged 55 and older	% Full Time Workers
Broadcast Announcers and Radio Disc Jockeys	1,191	1,001	(16%)	119	7.7	25%	Data unavail.
Broadcast Technicians	3,893	1,893	(51%)	212	3.7	22%	Data unavail.
Lighting Technicians	2,278	2,275	(0%)	216	3.9	26%	Data unavail.
Camera Operators, Television, Video, and Film	5,604	5,768	3%	512	0.8	21%	82%
Film and Video Editors	9,344	9,529	2%	816	5.9	22%	82%
Total	22,311	20,467	(8%)	1,876	-	-	-

WAGES

The labor market endorsement in this report considers the entry-level hourly wages for these middle-skill film and television production occupations in Los Angeles County as they relate to the county's self-sufficiency standard wage. Orange County wages are included below in order to provide a complete analysis of the greater Los Angeles/Orange County region.

⁹ Automation risk is calculated based on the percentage of time spent on high-risk compared to low-risk work, the number of high-risk jobs in compatible occupations, and the overall industry automation risk.

¹⁰ Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

Los Angeles County

The majority, 89%, of annual openings for the five target occupations have entry-level wages above the self-sufficiency standard wage for one adult (\$24.03 in Los Angeles County). Typical entry-level hourly wages are in a range between \$22.02 and \$27.06. (Exhibit 3).

Four occupations have entry-level wages above the self-sufficiency standard wage:

- *Film and video editors*, \$27.06
- *Broadcast announcers and radio disc jockeys*, \$25.36
- *Camera operators, television, video, and film*, \$25.29
- *Lighting technicians*, \$25.09

Experienced workers can expect to earn wages between \$50.94 and \$68.12, which are higher than the self-sufficiency standard.

Exhibit 3: Earnings for occupations in Los Angeles County

Occupation	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)	Median Annual Earnings*
Broadcast Announcers and Radio Disc Jockeys	\$25.36	\$37.51	\$68.12	\$78,000
Broadcast Technicians	\$22.02	\$35.80	\$50.95	\$74,500
Lighting Technicians	\$25.09	\$40.10	\$50.94	\$83,400
Camera Operators, Television, Video, and Film	\$25.29	\$43.89	\$60.80	\$91,300
Film and Video Editors	\$27.06	\$38.29	\$59.15	\$79,600

*Rounded to the nearest \$100

Orange County

All five occupations have entry-level wages below the self-sufficiency standard wage for one adult (\$27.13 in Orange County). Typical entry-level hourly wages are in a range between \$19.44 and \$22.32 (Exhibit 4). Experienced workers can expect to earn wages between \$45.22 and \$62.39, which are higher than the self-sufficiency standard.

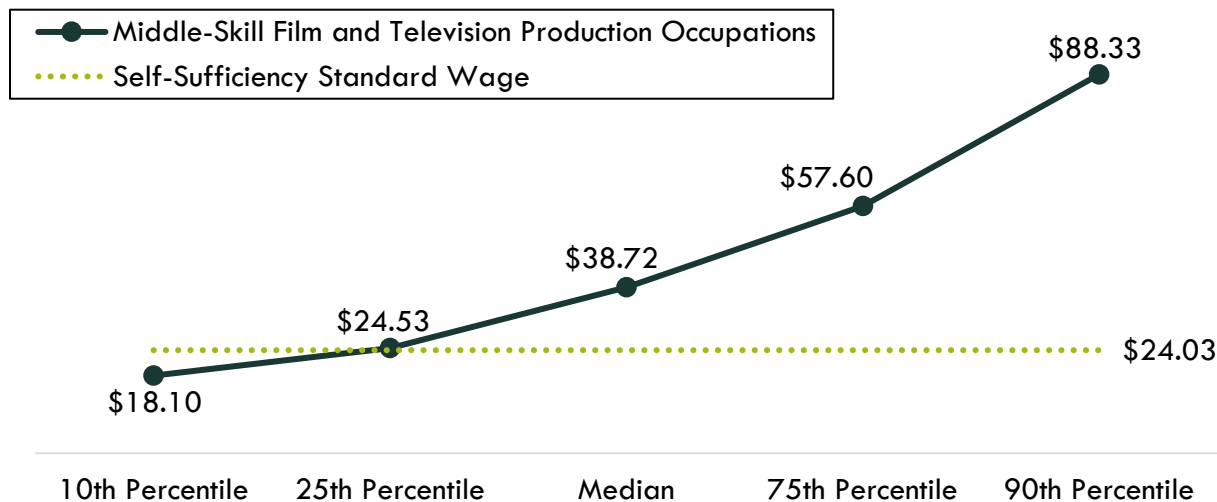
Exhibit 4: Earnings for occupations in Orange County

Occupation	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)	Median Annual Earnings*
Broadcast Announcers and Radio Disc Jockeys	\$19.57	\$31.81	\$62.39	\$66,200
Broadcast Technicians	\$19.44	\$32.35	\$46.80	\$67,300
Lighting Technicians	\$22.32	\$35.56	\$45.22	\$74,000
Camera Operators, Television, Video, and Film	\$20.08	\$36.50	\$53.83	\$75,900
Film and Video Editors	\$21.81	\$33.72	\$54.61	\$70,100

*Rounded to the nearest \$100

Across the greater Los Angeles and Orange County region, the average entry-level hourly earnings for the occupations in this report are \$24.53; this is above the living wage for one single adult in Los Angeles County (\$24.03). Exhibit 5 shows the average hourly wage for the occupations in this report, for entry-level to experienced workers.

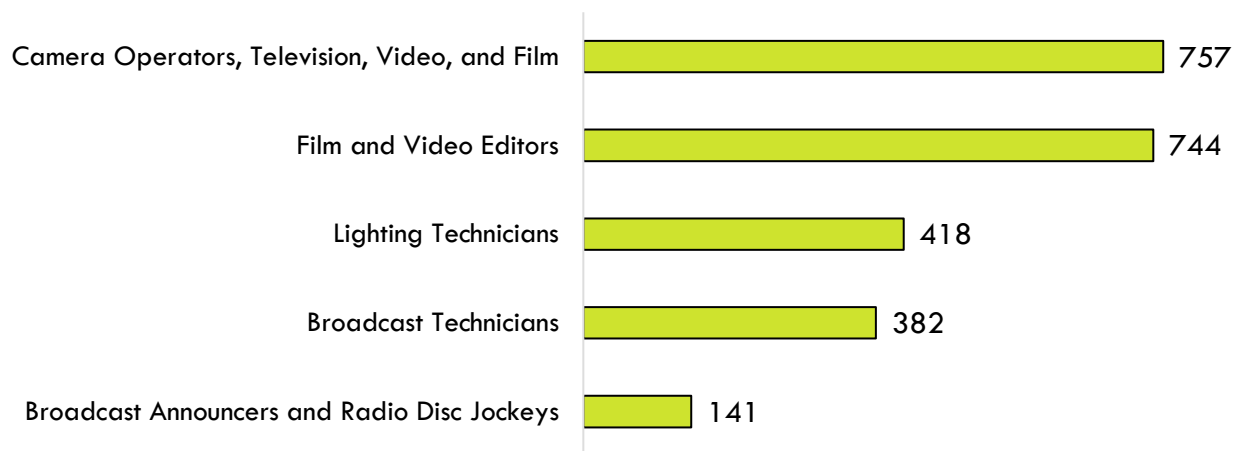
Exhibit 5: Average hourly earnings for target occupations, Los Angeles and Orange counties



JOB POSTINGS

There were 2,442 online job postings related to middle-skill film and television production occupations listed in the past 12 months in Los Angeles and Orange counties. Exhibit 6 displays the number of job postings by occupation. The majority of job postings (31%) were for *camera operators, television, video, and film*, followed by *film and video editors* (30%) and *lighting technicians* (17%).

Exhibit 6: Job postings by occupation (last 12 months), Los Angeles and Orange counties



Job postings were analyzed for the most common job titles, skills, and employers associated with the target occupations in this report (Exhibit 7).

Exhibit 7: Most commonly requested job titles, skills and employers in job postings, Los Angeles and Orange counties

Top Job Titles	Top Skills	Top Employers
<ul style="list-style-type: none"> • Videographers • Video editors • Videographers/editors • Home theater specialists • Lighting technicians • Video content creators • Theater technicians • Event videographers • Film Editors 	<ul style="list-style-type: none"> • Adobe Premiere Pro • Video editing • Adobe After Effects • Social media • Video production • Post-production • Marketing • Videography • Workflow management 	<ul style="list-style-type: none"> • Best Buy • Tiktok • Disney • NBC • Orange • Actalent* • Apple • Live Nation • Golden Hippo

*Staffing company

In the greater Los Angeles/Orange County region, 22% of the target job postings listed a minimum educational requirement. Exhibit 8 details the number and percentage of job postings by educational level.

Exhibit 8: Education levels requested in job postings for middle-skill film and television production occupations, Los Angeles and Orange counties

Education Level	Job Postings	% of Job Postings
Bachelor's degree	310	57%
Associate degree	70	13%
High school diploma or vocational training	166	30%

EDUCATIONAL ATTAINMENT

In the greater Los Angeles/Orange County region, the majority of annual job openings (77%) typically require a bachelor's degree (Exhibit 9). However, the national-level data indicates between 34% and 55% of workers in the field have completed an associate degree or less education as their highest level of educational attainment. The Bureau of Labor Statistics (BLS) lists the following typical entry-level education levels for the occupations in this report:

Exhibit 9: Entry-level education preferred by employers nationally, Bureau of Labor Statistics

Occupation	Education Level
Broadcast Announcers and Radio Disc Jockeys	Bachelor's degree
Broadcast Technicians	Associate degree
Lighting Technicians	High school diploma or equivalent
Camera Operators, Television, Video, and Film	Bachelor's degree
Film and Video Editors	Bachelor's degree

EDUCATIONAL SUPPLY

Community College Supply

Exhibit 10 shows the annual and three-year average number of awards conferred by community colleges in programs that have historically trained for the occupations of interest. The colleges with the most completions in the region are LA City, Saddleback, and LA Valley.

The TOP Codes in this report train for target occupations in this report, as well as other middle-skill media and communications occupations. Since these TOP codes train for more occupations than just the target occupations, it is difficult to accurately gauge relevant completions, which increases the margin of error in the supply side analysis and in this case, possibly overestimating the supply estimates for awards.

Exhibit 10: Regional community college awards (certificates and degrees), 2022-2024

TOP Code	Program	College	2021-22 Awards	2022-23 Awards	2023-24 Awards	3-Year Average
0604.00	Radio and Television	LA Valley	9	15	10	11
		Long Beach	7	9	14	10
		Mt San Antonio	-	1	-	0
		Santa Monica	8	5	16	10
		LA Subtotal	24	30	40	31
		Fullerton	1	1	2	1
		Saddleback	144	112	97	118
		OC Subtotal	145	113	99	119
Supply Subtotal/Average			169	143	139	150
0604.20	Television (including combined TV/film/video)	Cerritos	13	11	11	12
		Citrus	-	-	5	2
		El Camino	32	25	36	31
		Glendale	25	27	23	25
		LA City	35	30	46	37
		LA Mission	-	1	3	1
		LA Pierce	31	31	28	30
		LA Valley	48	38	31	39
		Long Beach	49	43	65	52
		Mt San Antonio	50	78	57	62
		Pasadena	51	37	59	49
		Rio Hondo	-	-	4	1
		LA Subtotal	334	321	368	341
		Cypress	20	21	26	22
		Fullerton	55	54	53	54

TOP Code	Program	College	2021-22 Awards	2022-23 Awards	2023-24 Awards	3-Year Average
		Orange Coast	46	38	52	45
		Saddleback	15	25	32	24
		Santa Ana	13	17	15	15
		OC Subtotal	149	155	178	161
Supply Subtotal/Average			483	476	546	502
0610.00	Mass Communications	Glendale	-	1	-	0
		Long Beach	-	5	5	3
		LA Subtotal	-	6	5	4
Supply Subtotal/Average			-	6	5	4
0612.20	Film Production	Cerritos	22	16	5	14
		LA City	116	107	99	107
		LA Valley	54	44	74	57
		Long Beach	-	3	3	2
		Santa Monica	45	55	120	73
		West LA	10	36	32	26
		LA Subtotal	247	261	333	280
		Orange Coast	32	29	41	34
		Saddleback	-	1	-	0
		OC Subtotal	32	30	41	34
Supply Subtotal/Average			279	291	374	315
Supply Total/Average			931	916	1,064	970

Exhibit 11 displays the community college awards broken down by award type. In this case, the majority of awards issued by community colleges are associate degrees (67%).

Exhibit 11: Community college awards by award type, 2022-2024

Award Type	# of Awards	% of Awards
A.A./A.S. degrees	646	67%
Certificates	314	32%
Noncredit awards	10	1%
Total	970	100%

Other Postsecondary Supply

For a comprehensive regional supply analysis, it is important to consider the supply from other institutions in the region that provide training programs for film and television production. Exhibit 12 shows the number of awards conferred by these institutions in relevant programs. Due to different data collection periods, the most recent data is from 2021 to 2023. Between 2021 and

2023, other postsecondary college institutions in the region conferred an average of 1,736 bachelor's and sub-baccalaureate awards. Sub-baccalaureate awards include associate degrees, postsecondary awards, and other academic awards that typically take fewer than four years to complete.

The CIP Codes in this report train for target occupations in this report, as well as other middle-skill and above middle-skill media and communications occupations. Since these CIP codes train for more occupations than just the target occupations, it is difficult to accurately gauge relevant completions, which increases the margin of error in the supply side analysis and in this case, possibly overestimating the supply estimates for awards.

Exhibit 12: Other regional postsecondary awards, 2021-2023

CIP Code	Program	Postsecondary Institution	2020-21 Awards	2021-22 Awards	2022-23 Awards	3-Year Average
09.0701	Radio and Television	CSU-Fullerton	177	146	147	157
		CSU-Los Angeles	145	108	171	141
		CSU-Northridge	426	469	430	442
		Loyola Marymount Univ.	1	-	-	0
		Pepperdine Univ.	11	6	3	7
		Univ. of La Verne	11	8	10	10
10.0201	Photographic and Film/Video Technology/Technician	Chapman University	1	-	-	0
10.0202	Radio and Television Broadcasting Technology/Technician	Hollywood Cultural College	12	20	30	21
50.0602	Cinematography and Film/Video Production	Art Center College of Design	24	28	19	24
		Azusa Pacific Univ.	-	4	10	5
		Biola University	54	75	88	72
		CA College of ASU	105	89	-	65
		CA Institute of the Arts	11	8	14	11
		CSU-Dominguez Hills	-	12	14	9
		Chapman University	100	201	159	153
		Fashion Institute of Design & Merchandising	10	13	3	9
		Los Angeles Film School	255	177	157	196
		Loyola Marymount Univ.	64	56	88	69
		Mount Saint Mary's Univ.	14	13	4	10
		NY Film Academy	181	179	208	189
		USC	93	95	93	94
		Woodbury University	17	25	14	19
Supply Total/Average			1,712	1,732	1,662	1,702

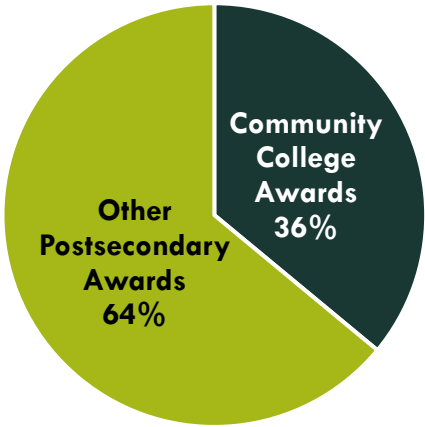
Exhibit 13 shows the breakdown of other postsecondary awards by award type. The majority of awards issued by other postsecondary schools are bachelor’s degrees (89%).

Exhibit 13: Other postsecondary awards by award type, 2021-2023

Award Type	# of Awards	% of Awards
Bachelor’s degrees	1,512	89%
Sub-baccalaureate awards	190	11%
Total	1,702	100%

Exhibit 14 shows the proportion of community college awards conferred in the greater Los Angeles/Orange County region compared to the number of other postsecondary awards for the programs in this report. The majority of awards conferred in these programs are awarded by other institutions in the greater Los Angeles/Orange County region.

Exhibit 14: Percentage of community college awards compared to other postsecondary institution awards in the Los Angeles/Orange County region



APPENDIX: OCCUPATION DESCRIPTIONS

LA COE prepared this report to provide regional labor market supply and demand data related to these target occupations:

- **Broadcast Announcers and Radio Disc Jockeys (27-3011)** Speak or read from scripted materials, such as news reports or commercial messages, on radio, television, or other communications media. May play and queue music, announce artist or title of performance, identify station, or interview guests.¹¹
- **Broadcast Technicians (27-4012)** Set up, operate, and maintain the electronic equipment used to acquire, edit, and transmit audio and video for radio or television programs. Control and adjust incoming and outgoing broadcast signals to regulate sound volume,

¹¹ [Announcers and DJs \(bls.gov\)](https://www.bls.gov)

signal strength, and signal clarity. Operate satellite, microwave, or other transmitter equipment to broadcast radio or television programs.¹²

- **Lighting Technicians (27-4015)** Set up, maintain, and dismantle light fixtures, lighting control devices, and the associated lighting electrical and rigging equipment used for photography, television, film, video, and live productions. May focus or operate light fixtures, or attach color filters or other lighting accessories.¹³
- **Camera Operators, Television, Video, and Film (27-4031)** Operate television, video, or film camera to record images or scenes for television, video, or film productions.¹⁴
- **Film and Video Editors (27-4032)** Edit moving images on film, video, or other media. May work with a producer or director to organize images for final production. May edit or synchronize soundtracks with images.¹⁵

Contact information:

Luke Meyer, Director

Los Angeles Center of Excellence

Lmeyer7@mtsac.edu

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DATA SOURCES



CENTER OF EXCELLENCE
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POWERED BY



California
Community
Colleges

- O*NET Online
- Lightcast (formerly Emsi)
- Bureau of Labor Statistics (BLS)
- California Employment Development Department, Labor Market Information Division, OES
- California Community Colleges Chancellor's Office Management Information Systems (MIS)
- Self-Sufficiency Standard at the Center for Women's Welfare, University of Washington
- Chancellor's Office Curriculum Inventory (COCI 2.0)

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¹² [Broadcast, Sound, and Video Technicians \(bls.gov\)](https://www.bls.gov)

¹³ [Ibid.](#)

¹⁴ [Film and Video Editors and Camera Operators \(bls.gov\)](https://www.bls.gov)

¹⁵ [Ibid.](#)