CENTER OF EXCELLENCE FOR LABOR MARKET RESEARCH LOS ANGELES

Labor Market Analysis: 0604.00 – Radio and Television 09.0701 – Radio and Television

Live Streaming Production – Noncredit award requiring <48 hours

Los Angeles Center of Excellence, November 2026

Program Endorsement:	Endorsed: All Criteria Met ☐	Endorsed: Some Criteria Met ☒	Not Endorsed ☐
Program Endorsement Criteria			
Supply Gap:	Yes ☐	No ☑ *(See below)*	
Living Wage: (Entry-Level, 25th)	Yes ☑	No ☐	
Education:	Yes ☑	No ☐	
Emerging Occupation(s)			
Yes ☐		*No* ☑	

SUMMARY

This report analyzes whether local labor market demand is being met by community college programs aligned with the identified middle-skill occupations[1] 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 for the five identified middle-skill occupations in the region. While the number of awards conferred is greater than the number of job openings, the talent supply is within the COE's acceptable margin (the number of the number of awards issued is 25% over or under the number of annual openings) and is therefore considered "supply met" rather than a "supply gap." 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 media production occupations. Furthermore, the majority of annual openings have entry-level wages that 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 educational attainment.

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

[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.

Key Findings

Supply Gap

- 2,201 annual job openings are projected in the region through 2029. This number is less than the three-year average of 2,784 awards conferred by educational institutions in the region.
    - Although there are nearly the same number of awards conferred as 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 the COE's 25% margin of annual job openings (demand).
    - Over the past 12 months, there were **3,047 online job postings related to these film production occupations**. The highest number of job postings were for video editors, videographers, audiovisual technicians, videographers/editors and home theater specialists.

Living Wage

- 64% of annual job openings for these middle-skill film and media production occupations have entry-level wages **above** Los Angeles County's self-sufficiency standard hourly wage ($24.03/hour). [2]

Educational Attainment

- 54% of the annual job openings typically require a bachelor's degree for middle-skill occupations related to film and media production in the LA/OC region.
- 34%-55% of workers in the field have completed an associate degree or less educational attainment, according to national educational attainment data.

Community college supply

- 19 community colleges issued awards related to film and media production in the greater LA/OC region.
- 1,078 awards (degrees and certificates) were conferred on average each year between 2023 and 2025.

Other postsecondary supply

- 20 educational institutions in the LA/OC region have conferred awards in programs related to film and media production over the past three years.
- 1,706 awards were conferred on average each year by other postsecondary institutions throughout the greater LA/OC region 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.

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.

- ***Audio and Video Technicians* (27-4011)** [3]
- ***Sound Engineering Technicians* (27-4014)** [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 media production occupations. In the greater Los Angeles/Orange County region, the number of jobs related to these occupations is projected to decrease by 8% through 2029. However, there will be more than 2,200 job openings per year through 2029 due to retirements and workers leaving the field. The majority of jobs in 2024 for these middle-skill film and media production occupations (92%) were located in Los Angeles County.

Exhibit 1: Current employment and occupational demand, Los Angeles and Orange counties[8]

Geography	2024 Jobs	2029 Jobs	2024-2029 Change	2024-2029 % Change	Annual Openings
Los Angeles	26,582	24,081	(2,501)	(9%)	2,003
Orange	2,278	2,366	88	4%	199
Total	**28,860**	**26,448**	**(2,413)**	**(8%)**	**2,201**

Detailed Occupation Data

Exhibit 2 displays the current employment and projected occupational demand for each of the target occupations in Los Angeles County. 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.

[3] Broadcast, Sound, and Video Technicians (bls.gov)
[4] Ibid.
[5] Ibid.
[6] Film and Video Editors and Camera Operator (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.

Exhibit 2: Detailed employment and occupational demand, Los Angeles County[9]

Occupation	2024 Jobs	2029 Jobs	5-Yr % Change	Annual Openings	% Aged 55 and older	% Full Time Workers
Audio and Video Technicians	5,988	5,664	(5%)	451	24%	Data unavailable
Sound Engineering Technicians	3,484	3,208	(8%)	273	22%	Data unavailable
Lighting Technicians	2,394	2,039	(15%)	171	27%	Data unavailable
Camera Operators, Television, Video, and Film	5,495	5,036	(8%)	430	23%	82%
Film and Video Editors	9,223	8,133	(12%)	679	24%	82%
Total	**26,582**	**24,081**	**(9%)**	**2,003**	**-**	**-**

WAGES

The labor market endorsement in this report considers the entry-level hourly wages for these target 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.

Los Angeles County

The majority, 64%, of annual openings for these 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 $21.96 and $27.31. (Exhibit 3).

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

- *Film and video editors*, $27.31
- *Camera operators, television, video, and film*, $27.22
- *Lighting technicians*, $25.03

Experienced workers can expect to earn wages between $49.13 and $61.80, which are higher than the self-sufficiency standard.

Exhibit 3: Earnings for occupations in Los Angeles County

Occupation	Entry-Level Hourly Earnings (25th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75th Percentile)	Median Annual Earnings*
Audio and Video Technicians	$21.96	$30.12	$49.13	$62,700
Sound Engineering Technicians	$22.99	$37.56	$57.86	$78,100

[9] Ibid.

Occupation	Entry-Level Hourly Earnings (25th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75th Percentile)	Median Annual Earnings*
Lighting Technicians	$25.03	$40.00	$51.06	$83,200
Camera Operators, Television, Video, and Film	$27.22	$45.18	$61.80	$94,000
Film and Video Editors	$27.31	$38.41	$59.19	$79,900

*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 $20.06 and $22.29 (Exhibit 4). Experienced workers can expect to earn wages between $44.69 and $55.61, which are higher than the self-sufficiency standard.

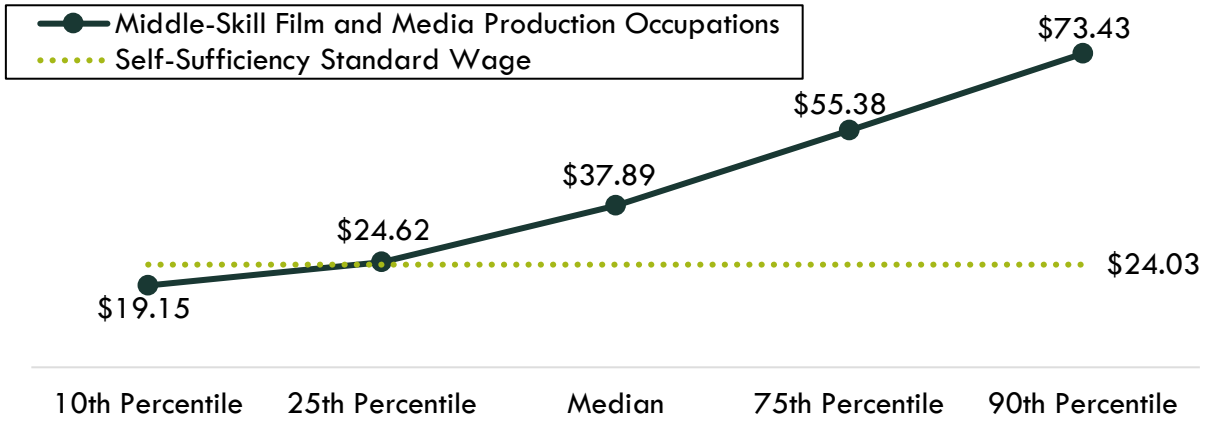
Exhibit 4: Earnings for occupations in Orange County

Occupation	Entry-Level Hourly Earnings (25th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75th Percentile)	Median Annual Earnings*
Audio and Video Technicians	$20.06	$27.60	$44.69	$57,400
Sound Engineering Technicians	$20.76	$34.45	$52.42	$71,700
Lighting Technicians	$22.29	$35.51	$45.32	$73,900
Camera Operators, Television, Video, and Film	$21.11	$38.16	$55.61	$79,400
Film and Video Editors	$21.62	$33.68	$54.35	$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 $24.62; 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.

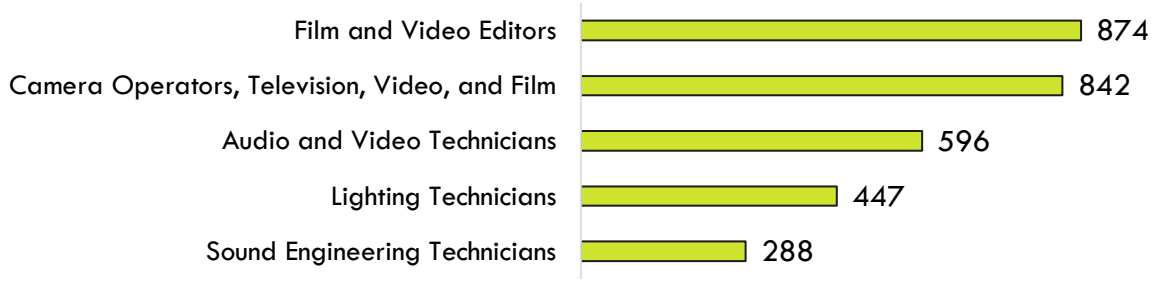
Exhibit 5: Average hourly earnings for target occupations, Los Angeles and Orange counties



JOB POSTINGS

There were 3,047 online job postings related to film and media production 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 (29%) were for *film and video editors*, followed by *camera operators, television, video, and film* (28%) and *audio and video technicians* (20%).

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
• Video editors • Videographers • Audiovisual technicians • Videographers/editors • Home theater specialists • Lighting technicians	• Adobe Premiere Pro • Adobe After Effects • Storytelling • Workflow management • Tiktok • Video editing	• Best Buy • Tiktok • Encore Global • Wishare Media Group • Robert Half* • NBC

*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 target occupations, Los Angeles and Orange counties

Education Level	Job Postings	% of Job Postings
Bachelor's degree	347	51%
Associate degree	59	9%
High school diploma or vocational training	271	40%

EDUCATIONAL ATTAINMENT

In the greater Los Angeles/Orange County region, the majority of annual job openings (54%) 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
Camera Operators, Television, Video, and Film	Bachelor's degree
Film and Video Editors	Bachelor's degree
Audio and Video Technicians	Postsecondary non-degree award
Sound Engineering Technicians	Postsecondary non-degree award
Lighting Technicians	High school diploma or equivalent

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 Valley, LA City, and Saddleback.

Exhibit 10: Regional community college awards (certificates and degrees), 2023-2025

TOP Code	Program	College	2022-23 Awards	2023-24 Awards	2024-25 Awards	3-Year Average
0604.00	Radio and Television	LA Valley	15	10	9	11
		Long Beach	9	14	6	10
		Mt San Antonio	1	-	1	1
		Santa Monica	5	16	13	11
		LA Subtotal	**30**	**40**	**29**	**33**
		Fullerton	1	2	1	1
		Saddleback	112	97	110	106
		OC Subtotal	**113**	**99**	**111**	**108**
Supply Subtotal/Average			**143**	**139**	**140**	**141**
0604.20	Television (including combined TV/film/video)	Cerritos	11	11	11	11
		Citrus	-	5	4	3
		El Camino	25	36	68	43
		Glendale	27	23	25	25
		LA City	30	46	31	36

TOP Code	Program	College	2022-23 Awards	2023-24 Awards	2024-25 Awards	3-Year Average
		LA Mission	1	3	4	3
		LA Pierce	31	28	31	30
		LA Valley	38	31	74	48
		Long Beach	43	65	58	55
		Mt San Antonio	78	57	66	67
		Pasadena	37	59	52	49
		Rio Hondo	-	4	6	3
		West LA	-	-	1	0
		LA Subtotal	**321**	**368**	**431**	**373**
		Cypress	21	26	19	22
		Fullerton	54	53	53	53
		Orange Coast	38	52	64	51
		Saddleback	25	32	30	29
		Santa Ana	17	15	33	22
		OC Subtotal	**155**	**178**	**199**	**177**
Supply Subtotal/Average			**476**	**546**	**630**	**551**
0612.20	Film Production	Cerritos	16	5	7	9
		LA City	107	99	99	102
		LA Valley	44	74	193	104
		Long Beach	3	3	4	3
		Santa Monica	55	120	82	86
		West LA	36	32	76	48
		LA Subtotal	**261**	**333**	**461**	**352**
		Orange Coast	29	41	36	35
		OC Subtotal	**29**	**41**	**36**	**35**
Supply Subtotal/Average			**290**	**374**	**497**	**387**
Supply Total/Average			**909**	**1,059**	**1,267**	**1,078**

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 (62%).

Exhibit 11: Community college awards by award type, 2023-2025

Award Type	# of Awards	% of Awards
A.A./A.A.-T./A.S./A.S.-T. degrees	671	62%
Certificates	366	34%
Noncredit awards	41	4%
Total	**1,078**	**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 media 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 2022 to 2024. Between 2022 and 2024, other postsecondary college institutions in the region conferred an average of 1,706 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.

Exhibit 12: Other regional postsecondary awards, 2022-2024

CIP Code	Program	Postsecondary Institution	2021-22 Awards	2022-23 Awards	2023-24 Awards	3-Year Average
09.0701	Radio and Television	CSU-Fullerton	146	147	149	147
		CSU-Los Angeles	108	171	167	149
		CSU-Northridge	469	430	424	441
		Pepperdine University	6	3	-	3
		University of La Verne	8	10	15	11
10.0202	Radio and Television Broadcasting Technology/ Technician	Hollywood Cultural College	20	30	27	26
50.0602	Cinematography and Film/Video Production	Art Center College of Design	28	19	34	27
		Azusa Pacific University	4	10	4	6
		Biola University	75	88	61	75
		CA College of ASU	89	-	-	30
		CA Institute of the Arts	8	14	17	13
		CSU-Dominguez Hills	12	14	18	15
		Chapman University	201	159	184	181
		Fashion Institute of Design & Merchandising	13	3	9	8
		Los Angeles Film School	177	157	163	166
		Loyola Marymount Univ.	56	88	104	83
		Mount Saint Mary's Univ.	13	4	19	12
		New York Film Academy	179	208	237	208
		USC	95	93	90	93
		Woodbury University	24	14	2	13
		Supply Total/Average	**1,731**	**1,662**	**1,724**	**1,706**

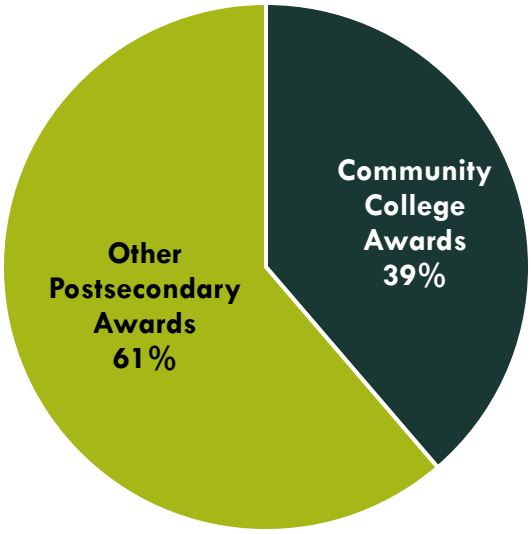
Exhibit 13 shows the breakdown of other postsecondary awards by award type. The majority of awards issued by other postsecondary schools are bachelor's degrees (89%).

Exhibit 13: Other postsecondary awards by award type, 2022-2024

Award Type	# of Awards	% of Awards
Bachelor's degrees	1,510	89%
Sub-baccalaureate awards	196	11%
Total	**1,706**	**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:

- ***Audio and Video Technicians* (27-4011)** Set up, maintain, and dismantle audio and video equipment, such as microphones, sound speakers, connecting wires and cables, sound and mixing boards, video cameras, video monitors and servers, and related electronic equipment for live or recorded events, such as concerts, meetings, conventions, presentations, podcasts, news conferences, and sporting events. [10]

[10] Broadcast, Sound, and Video Technicians (bls.gov)

- ***Sound Engineering Technicians* (27-4014)** Assemble and operate equipment to record, synchronize, mix, edit, or reproduce sound, including music, voices, or sound effects, for theater, video, film, television, podcasts, sporting events, and other productions. [11]
- ***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. [12]
- ***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. [13]
- ***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. [14]

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DATA SOURCES

- 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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[11] Ibid.
[12] Ibid.
[13] Film and Video Editors and Camera Operator (bls.gov)
[14] Ibid.