

Program Endorsement Brief: 1099.00/Other Fine and Applied Arts Museum Assistant Certificate

Orange County Center of Excellence, May 2019

Summary

The Orange County Center of Excellence for Labor Market Research (COE) prepared this report to provide Los Angeles/Orange County regional labor market supply and demand data related to two museum assistant occupations: Ushers, Lobby Attendants, and Ticket Takers (SOC 39-3031) and Tour and Travel Guides (39-7018). This report is intended to help determine whether there is demand in the local labor market that is not being met by the supply from community college programs that align with relevant occupations.

The following summarizes key findings from this data brief:

- The number of jobs for these museum assistant occupations is projected to **increase by 15% through 2023**. Nearly **200 job openings** will be available annually due to new job growth and replacement need.
- In the past 12 months, there were **22 online job postings** for occupations related to museum assistants in Los Angeles and Orange Counties.
- The typical entry-level education for the museum assistant occupations included in this report ranges from no formal educational credential to high school diploma or equivalent. The national-level educational attainment data indicates that **between 33.5% and 36% of workers** in the field **have completed some college or an associate degree**.
- There are **four community colleges** in the region that have programs listed under the same TOP Code (1099.00). Of those, three colleges are located in Los Angeles County and one college is located in Orange County. Two colleges currently have programs with a specific emphasis on preparing students for museum assistant occupations.
- Between 2015 and 2018, community colleges in the region **conferred an average of 14 awards annually** (associate degrees and certificates) in related training programs under the same TOP code.
- **Two related program recommendation requests under the same TOP Code** were received between January 2018 and April 2019.

Occupational Demand

To identify the occupational demand for the two museum assistant occupations included in this report, occupational employment projections were limited to workers employed in the museum industry. The museum industry is defined in the North American Industry Classification System as “establishments engaged in the preservation and exhibition of objects of historical, cultural, and/or educational value” and includes establishments such as art museums and art galleries.¹

Exhibit 1, on the following page, shows the five-year occupational demand projections for the two museum assistant occupations included in this report. In Los Angeles/Orange County, the number of jobs related to museum assistants is projected to increase by 15% through 2023. There will be

¹ NAICS Association, “NAICS Code Description: 712110 - Museums,” accessed May 12, 2019, <https://www.naics.com/naics-code-description/?code=712110>.

199 job openings per year through 2023. Occupational demand data, by SOC code and occupation, is included in Appendix A.

Exhibit 1: Occupational demand in Los Angeles and Orange Counties²

Geography	2018 Jobs	2023 Jobs	2018-2023 Change	2018-2023 % Change	Annual Openings
Los Angeles	575	657	82	14%	186
Orange	29	35	6	21%	12
Total	604	692	88	15%	199

Wages—Average entry-level and median hourly wages for these museum assistant occupations in the region are \$11.69 and \$15.32, respectively.³ Average entry-level wages for these occupations are lower than the MIT Living hourly wage estimate for one adult in the region (\$14.36 in Los Angeles County, \$15.85 in Orange County). On average, experienced workers earn between \$16.01 and \$20.02, which is higher than the living wage estimate. Regional average wages are below the average statewide wage of \$13.77 for these occupations. Wage information, by county, is included in Appendix B.

Job Postings—There were 22 online job postings listed related to these museum assistant occupations in the past 12 months. The highest number of job postings were for educator, tour guide, and services coordinator. The top specialized skills were: scheduling, teaching, and project management. The top three employers, by number of job postings, in the region were: Petersen Automotive Museum Foundation, Wende Museum of the Cold War, Pretend City Children’s Museum, and Museum of Selfies.

Educational Attainment—The Bureau of Labor Statistics (BLS) lists no formal educational credential as the typical-entry level education required for ushers, lobby attendants, and ticket takers. The typical entry-level education required for tour and travel guides is a high school diploma or equivalent. The national-level educational attainment data indicates that between 33.5% and 36% of workers in the field have completed some college or an associate degree. Of the 50% of job postings listing a minimum education requirement in Los Angeles/Orange County, 36% (4) request a high school diploma or vocational training and 64% (7) request a bachelor’s degree. Zero job postings request an associate degree.

Community College Supply

Exhibit 2, on the following page, shows the three-year average number of awards conferred by community colleges in the related TOP code: Other Fine and Applied Arts (1099.00). El Camino has the most completions in the region. Two colleges, El Camino and Irvine Valley, currently have programs that have a specific emphasis on preparing students for museum assistant occupations. Between January 2018 and April 2019, there were two other related program recommendation

² Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

³ Entry-level wage is defined as the tenth percentile hourly wage. Wages for experienced workers are defined as the ninetieth percentile hourly wage.

requests from regional community colleges; neither request had a specific emphasis on museum assistant occupations.

Exhibit 2: Regional community college awards (certificates and degrees), 2015-2018

TOP Code	Program	College	2015-16 Awards	2016-17 Awards	2017-2018 Awards	3-Year Award Average
1099.00	Other Fine and Applied Arts	El Camino	9	1	6	5
		Irvine	5	5	1	4
		LA Mission	-	2	-	1
		Santa Monica	-	-	13	4
		Total/Average	14	8	20	14

Appendix A: Occupational demand and wage data by county

Exhibit 3. Los Angeles County

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Ushers, Lobby Attendants, and Ticket Takers (39-3031)	78	89	11	14%	30	\$10.50	\$11.87	\$17.18
Tour and Travel Guides (39-7018)	497	568	71	14%	156	\$12.20	\$16.09	\$20.12
	575	657	82	14%	186			

Exhibit 4. Orange County

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Ushers, Lobby Attendants, and Ticket Takers (39-3031)	12	14	2	17%	12	\$10.50	\$11.19	\$13.89
Tour and Travel Guides (39-7018)	17	21	4	24%	17	\$10.69	\$16.66	\$20.18
	29	35	6	21%	12			

Exhibit 5. Los Angeles and Orange Counties

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Ushers, Lobby Attendants, and Ticket Takers (39-3031)	90	103	13	14%	35	\$10.50	\$11.56	\$16.01
Tour and Travel Guides (39-7018)	514	590	76	15%	164	\$11.90	\$15.98	\$20.22
	604	692	88	15%	199			

Appendix B: Sources

- O*NET Online
- Labor Insight/Jobs (Burning Glass)
- Economic Modeling Specialists, International (EMSI)
- Bureau of Labor Statistics (BLS)
- Employment Development Department, Labor Market Information Division, OES
- Employment Development Department, Unemployment Insurance Dataset
- Living Insight Center for Community Economic Development
- California Community Colleges Chancellor’s Office Management Information Systems (MIS)
- MIT Living Wage
- Chancellor’s Office Curriculum Inventory (COCI 2.0)

For more information, please contact:

Jesse Crete, Director
 Center of Excellence, Orange County
crete_jesse@rsccd.edu

May 2019

