APPLICATION FOR PROGRAM APPROVAL:
NEW or SUBSTANTIAL CHANGE or LOCALLY APPROVED
<u>(This application may not exceed 3 pages)</u>

Environmental Graphics (Certificate in Architectural Technology)

PROPOSED PROGRAM TITLE

Los Angeles Harbor College

COLLEGE

Los Angeles Community College District

DISTRICT

Existing since 1949

PROJECTED PROGRAM START DATE

Sandra Sanchez

CONTACT PERSON

Dean of Economic and Workforce Dev.

TITLE

310-233-4041

PHONE NUMBER

sanches@lahc.edu

E-MAIL ADDRESS

GOAL(S) OF PROGRAM (CHECK ALL THAT APPLY):

X CAREER TECHNICAL EDUCATION (CTE)   **X** TRANSFER   ☐ OTHER

TYPE OF PROGRAM (CHECK ALL THAT APPLY):

☐ A.A. DEGREE   ☐ A.S. DEGREE   CERTIFICATE OF ACHIEVEMENT**:**   ☐ 18+ semester (or 27+ quarter) units

X 12-18 semester (or 18-27 quarter) units

REASON FOR APPROVAL REQUEST: (CHECK ONE)

☐ NEW PROGRAM
☐ SUBSTANTIAL CHANGE
X LOCALLY APPROVED

Recommended Taxonomy of Program (TOP) Code	0201.00
Units for Major-Degree	
Total Units for Degree	
Required Units-Certificate	17

1. Insert the description of the program as it will appear in the catalog.
   The Architectural Technology program prepares men and women for careers in the Architectural Industry as drafters, designers, project managers, or material salespersons. Students are also prepared for related fields such as environmental design, sustainable technology, planning, or construction management. Courses of study may be selected and scheduled in any order based on course prerequisites, the available class schedule, and/or academic and technical competencies. Students seeking a transfer major must see a college counselor and visit the Department of Architecture for requirements.

2. Provide a brief rationale for the program.
   Certificate provides skills in design, sketching, digital graphics, 3d modeling and rendering. Students are able to create and document design concepts through 2-d and 3-d digital tools such as Photoshop, Illustrator, and 3dsMax. Skills are commonly used in the fields of environmental design, architecture, signage, wayfinding, product design, and construction.

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Doing What MATTERS™
FOR JOBS AND THE ECONOMY

LAOCRC is supported by the CA Community College Chancellor's Office and Carl D. Perkins IV grant #13-150-003.
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3. List all courses required for program completion, including core requirements, restricted electives and prerequisites.

| COURSES	Course No.	Course Title	Units
	ENV 101	Foundations of Design I	3
	ARC 121	Freehand Drawing	2
	ARC 160	Computers for Designers	3
	ARC 221	Architectural Rendering	2
	ARC 223	Portfolio Development	1
	ARC 261	Computer-Aided Design for Architecture I	3
	ARC 262	Computer-Aided Design for Architecture II	3

4. Summarize the Labor Market outlook (including citation of the source of data) for students exiting the program.

Occupation Report for MSA LA, LB, AN (CA 31080) for Architects, Except Landscape and Naval (17-2121)

5,942	9.0%	$34.88/hr
Jobs (2013)	**% Change (2011-2022)**	**Median Earnings**
National Location Quotient: 1.31	Nation: 12.5%	Nation: $32.50/hr

MSA LA, LB, AN | Growth for Architects, Except Landscape and Naval (17-1011)

5,816	6,342	526	9.0%
2011 Jobs	**2022 Jobs**	**Change (2011-2022)**	**% Change (2011-2022)**
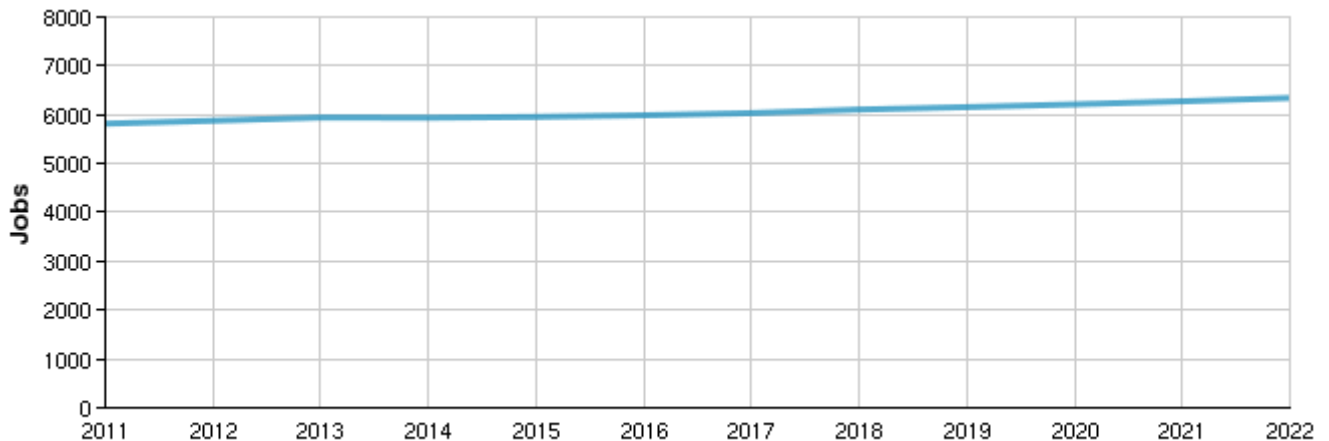
Occupation Report for MSA LA for Architectural and Civil Drafters (17-3011)

2,858	1.6%	$26.48/hr
Jobs (2013)	**% Change (2011-2013)**	**Median Earnings**
National Location Quotient: 1.02	Nation: 0.4%	Nation: $23.02/hr

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LA | Growth for Architectural and Civil Drafters (17-3011)

2,813	2,858	44	1.6%
2011 Jobs	**2013 Jobs**	**Change (2011-2013)**	**% Change (2011-2013)**
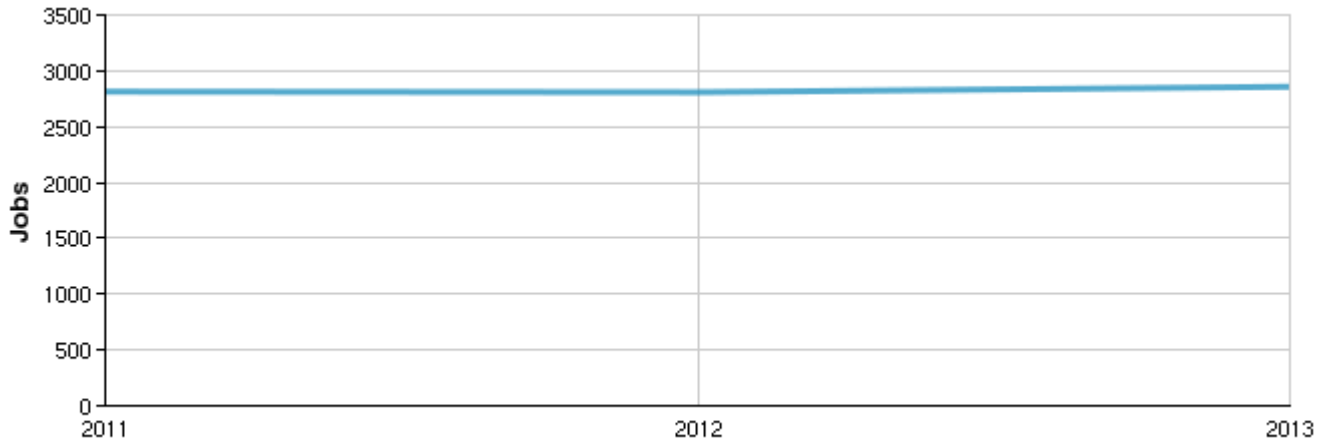
Data from EMSI, March 2104

5. List similar programs at other colleges in the Los Angeles and Orange County Region which may be adversely impacted. (complete the chart)

College	Program	Who you contacted	Outcome of contact
Cerritos College	Architectural Technology	Nick Real	
East Los Angeles College	Architectural Technology	Paul DeLaCerda	
El Camino College	Architectural Technology	Virginia Rapp	
Glendale Community College	Architectural Technology	Jan Swinton	
Long Beach City College	Architectural Technology	Ken Starkman	
Los Angeles City College	Architectural Technology	Alex Davis	
Los Angeles Pierce College	Architectural Technology	Jose Luis Fernandez	
Los Angeles Trade-Tech	Architectural Technology	Nicole Albo-Lopez	
Los Angeles Valley College	Architectural Technology	Laurie Nalepa	
Rio Hondo College	Architectural Technology	Bruce Noble	
Fullerton College	Architectural Technology	Ann Hovey	
Golden West College	Architectural Technology	Angela Allison	
Orange Coast College	Architectural Technology	Von Lawson	
Saddleback College	Architectural Technology	Anthony Teng	

6. Include other information you would like to share.

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