



Defining Architecture





This is architecture...

This is not.

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Essentially, Architecture is:

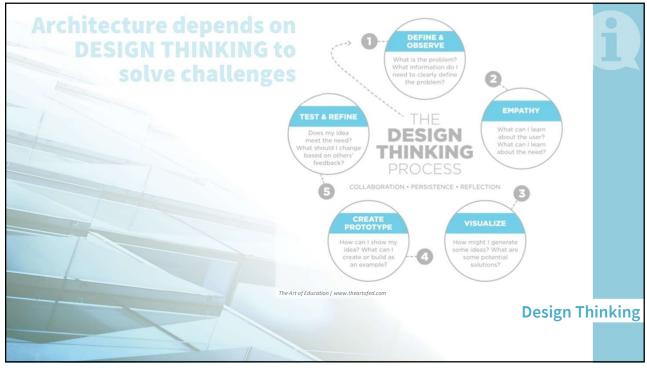
- a. The Synergy of Art + Science
- b. About Problem Solving via Design Thinking
 - Tackling environmental & social challenges
 - Supporting community economic development needs
 - Addressing the client's work scope & requirements
- c. Providing Shelter
- d. Experiential & Placemaking
- e. Environmental Stewardship



Bosjes Chapel, Witzenberg District, Western Cape, South Africa – Steyn Studi

1.1 Defining Architecture





Making Buildings & Sites

Beyond the Object...

Architecture Represents:



Visual Poetry

"Architecture is Firmness, Commodity & Delight" - Vitruvius



Storytelling

"Architecture is a visual art and the buildings speak for themselves." – *Julia Morgan*



Human History

"The history of architecture is the history of the struggle for light." – *Le Corbusier*

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Thoughtful Design

a. Results in Visual Poetry

- It underscores Form, Space & Journey
- It demonstrates Context, Concept, & Precedent

b. Happens via Storytelling

- It is done using Visual Communications
- It centers around the pitch of the Big Idea

c. Represents Human History

- It becomes a Record of the Past & Present
- It Showcases the Future

2.1 Making Buildings & Sites

The Architecture Program

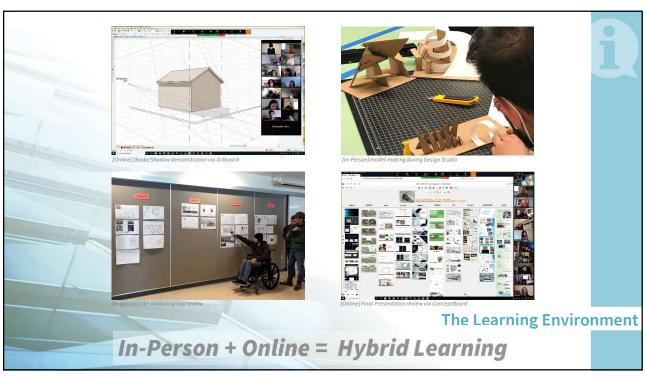
The Mission...

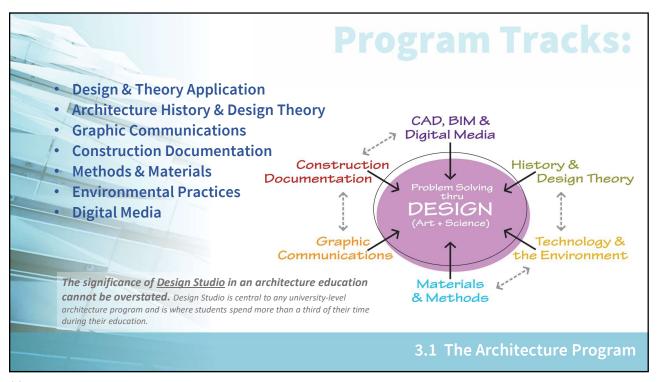
The Educational Mission of the Architecture Department at El Camino College is to empower all students from all socio-economic, ethnic or racial backgrounds, for university transfer and career opportunities by embracing the nexus between art and science that defines architecture.

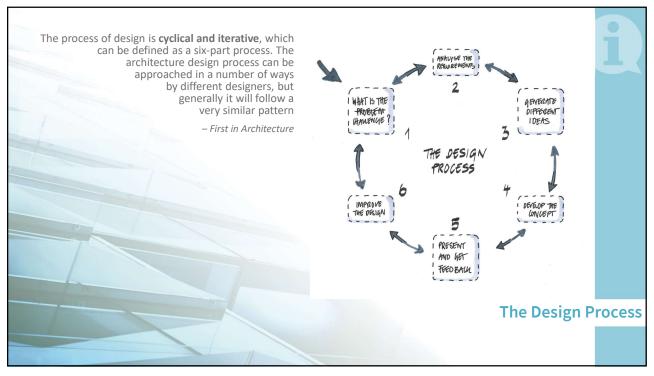


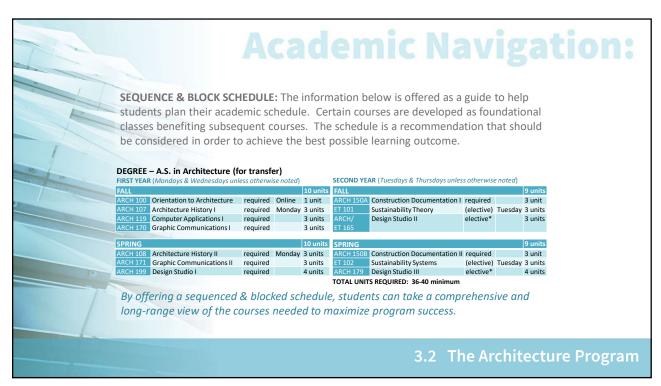
The Great Court, British Museum, London, UK – by Foster and Partners

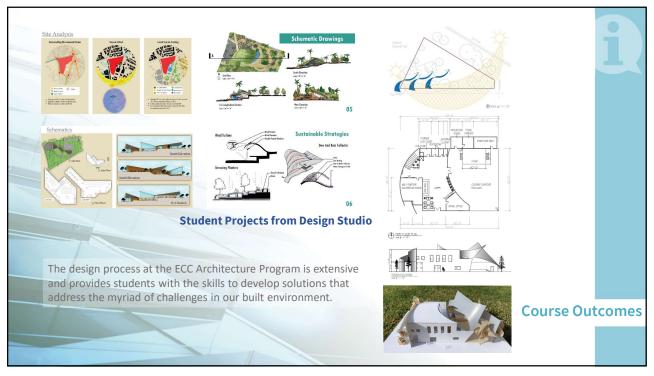
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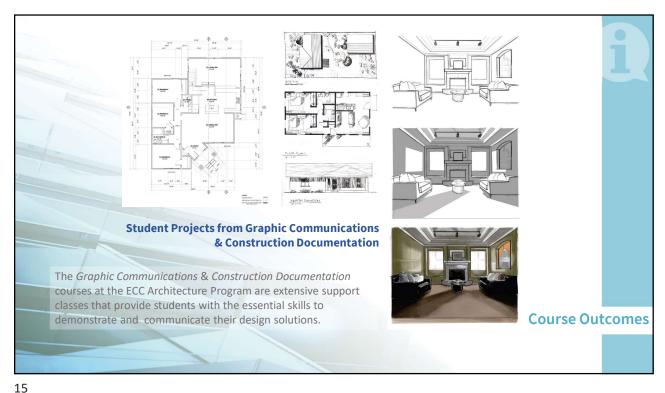














Currently, the Architecture Program offers both an Associate of Science in Architecture and a Certificate of Achievement

Associate in Science Degree

Program Requirements:

At least 50% of the major requirements for the Associate in Science Degree must be completed at El Camino College.

Required Core Units: 26 units, 39-40 TOTAL UNITS

Transfer: CSU & New School of Architecture

Certificate of Achievement

A Certificate of Achievement will be granted upon completion of all program requirements. At least 50% of the requirements for the certificate must be completed at El Camino College.

Required Core Units: 26 units, 39-40 TOTAL UNITS

NOTE: Additional degree & certificate programs in Architecture + Environmental Technology are currently being explored.

Degrees & Certificates

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Teaching Focus:

The Architecture & Environmental Technology Faculty come from academically diverse backgrounds. Covering the fields of architecture, urban design/planning, landscape architecture, engineering, and environmental design, these

professionals provide instruction to best prepare students

for a career that shapes our built environment.



Teaching Focus:



Teaching Focus:



RICHARD SONG

Teaching Focus:



VILLAVICENCIO

Teaching Focus:



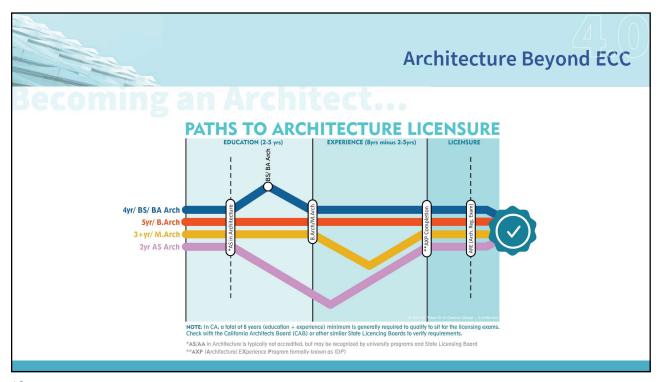
Teaching Focus:

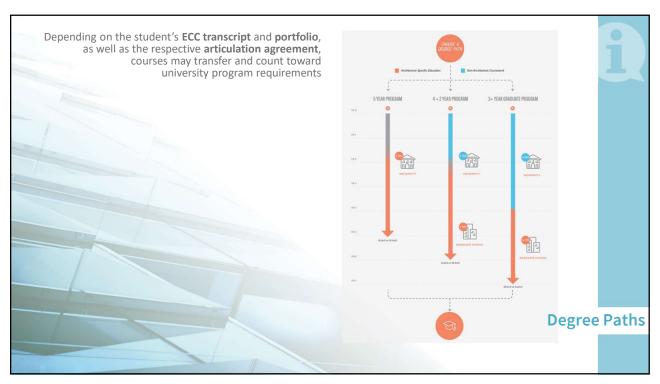


Teaching Focus:



Faculty





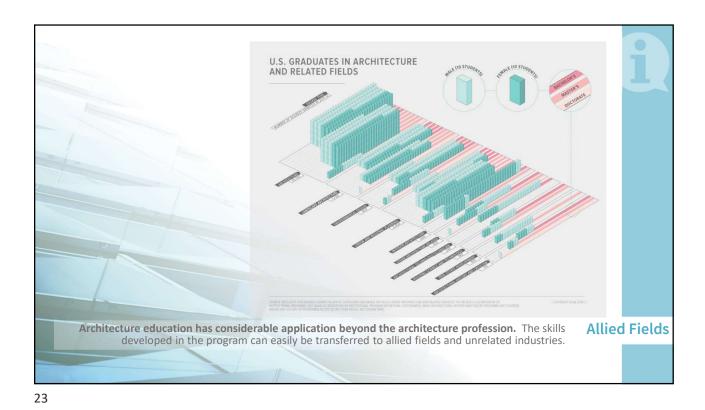
1. Transfer Possibilities

- 4 yr BA or BS in Architecture + M.Arch (NAAB Accredited)
- 5 yr B.Arch (NAAB Accredited)
- Allied Disciplines
 - Landscape Architecture
 - o Regional & Urban Planning
 - Environmental Design
 - Interior Architecture/Design
 - Real Estate & Development
 - Engineering
- 3+ yr Master's Preparation (leading to M.Arch, M.LArch or other)

4.1 Architecture & Beyond

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Transfer Possibilities to a University Architecture						A
Program in CA						
			NUMBER OF			
CALIFORNIA INSTITUTION	ACCREDITED DEGREE		DESIGN STUDIOS			
1 Academy of Art University		M.Arch (2-yr)	10/ 4 Studios			
2 University of California/ Berkeley	n/a	M.Arch (3-yr)				
3 University of California / Los Angeles	n/a	M.Arch (3-yr)		LA County		
4 California Baptist University	n/a	M.Arch (3-yr)		,		
5 California College of the Arts	B.Arch (5-yr)	M.Arch (2-yr)	10/ 4 Studios			
6 California State Polytechnic University – Pomona	B.Arch (5-yr)	M.Arch (2-yr)	10/ 4 Studios	LA County		
7 California State Polytechnic University – San Luis Obispo	B.Arch (5-yr)	M.Arch (2-yr)	10/ 4 Studios			
8 New School of Architecture & Design	B.Arch (5-yr)	M.Arch (2-yr)	10/ 4 Studios			
9 Southern California Institute of Architecture (SCI-ARC)	B.Arch (5-yr)	M.Arch (2-yr)	10/ 4 Studios	LA County		
10 University of Southern California	B.Arch (5-yr)	M.Arch (2-yr)	10/ 4 Studios	LA County		
11 Woodbury University	B.Arch (5-yr)	M.Arch (2-yr)	10/ 4 Studios	LA County (& SD)		
There are multiple opportunities to pursue an architecture Programs offer an BS or BA in All There are multiple opportunities to pursue an architecture education within California and beyond. The institution above highlight only the CA accredited programs in architecture institutions, as well as others, may also provide a programs in other allied fields.	ture ns listed hitecture.			Acad	emic Pı	ursuit
programs in other and needs.				ricaa		



Some of the Career Paths Associated with the ARCHITECTURE LANDSCAPE ARCHITECTURE **PLANNING** 1. Design/ Technical Architect 1. Landscape Architect 1. Community Planner 2. BIM (Building Infor Model) Manager Horticulturist/ Arborist Mobility Planner 3. Interior Architect Irrigation Consultant 3. Environmental Planner 3. Historic Preservation Lighting Consultant **Housing Specialist** Pool/ Fountain Consultant Project/ Construction Manager Sustainability/ Resiliency Officer Hydrologist 6. Specifications Writer 6. EIR Consultant Habitat Restoration Specialist 7. Lighting Consultant 7. Historic Preservation Consultant 8. **Environmental Consultant** 8. Sustainability Consultant 8. Economic Development 9. Nature Conservationist Real Estate Developer Adaptive Reuse Specialist 9. 10. Structural Engineer 10. Grading Specialist 10. Outreach & Engagement Specialist 11. Sustainability Specialist 11. Plan Checker (Building & Safety) 11. Land-Use/ Entitlement Consultant 12. Urban Designer 12. Urban Designer 12. Urban Designer Architecture education has considerable application beyond the architecture profession. The skills **Careers** developed in the program can easily be transferred to allied fields and unrelated industries.



OTHER EDUCATION OBJECTIVES

Professional Development
Change of Career
Skill Building
Continuing Education

4.3 Architecture & Beyond



The Future of ECC Architecture Proposed Changes Include...

In the 2022-2023 School Year & Beyond

- Addition of an Introductory Design Studio [Arch 149]
 - o Offering four (4) Design Studios for better transfer & career opportunities
 - Renumbering, updating content & course sequencing
 - o Improving course content to better align with various architecture schools

New Topic Classes

- o Urban Sketching, Portfolio Development, and Building/ Green Codes
- o Utilizing evening timeslots; winter & summer sessions

Expansion of Environmental Technology Department

- o Developing of new degrees & certificates to better reflect industry changes
- o New topic classes covering Environmental Planning and Landscape Architecture

