ARCHITECTURE AND ENVIRONMENTAL DESIGN ASSOCIATE OF SCIENCE DEGREE

To graduate with a specialization in Architecture and Environmental Design, a student must complete the following courses in addition to the general breadth requirements for an Associate's Degree. For transfer students, these courses will provide students with the tools needed to construct a portfolio that will be required to transfer into Architecture Programs at 4-year institutions. Along with a successful portfolio, these courses should also constitute the first two years of an Architecture Program. In addition, these courses should help students interested in transferring to 4-year institutions in Environmental Design fields, and as Landscape Architecture, Interior Design, and Urban Planning majors. Historically, the built environment has not always incorporated marginalized voices, sustainability, and environmental justice. In the US and globally, there is a long history of the built environment erasing and subjugating disenfranchised populations. This is one of many forms of structural racism. Within this degree, students will be exposed to contributions from underrepresented architects, planners, designers, and engineers that prioritize environmental sustainability, justice, equity, and accessibility. Students will also consider the impact of design on underrepresented populations and will develop tools and strategies for mitigating those impacts.

Code	Title	Units
Required Courses:		
ARCH 104	The Built Environment: Culture, Profession, and Urbanization	3
ARCH 105	Design Theories, Methods, and Visualizations	3
ARCH 112	Design Studio I	4
ARCH 113	Design Studio II	4
ARCH 102	Digital Design Media Level I	3
ARCH 103	Architectural Rendering and Visual Communication	3
ARCH 146	History of Architecture: Renaissance Through Modern	3
or ARCH 146H	Architecture History: Renaissance to Modern - Honors	
ARCH 212	Design Studio III	4
ARCH 213	Design Studio IV	4
ARCH 202	Digital Design Media Level II	3
ARCH 203	Advanced Digital Media and Algorithmic Design	3
Total Units		**37**

Code	Title	Units
Recommended Courses:		
ARCH 145	History of Architecture: Early Design Through Gothic	3
or ARCH 145H	History of Architecture: Early Design Through Gothic - Honors	

To earn an SBVC Associate Degree students must complete one of the following general education patterns:

SBVC GE requirements (https://www.valleycollege.edu/student-services/counseling/graduation-requirements/)

CSU GE requirements (https://www.valleycollege.edu/student-services/counseling/csuge/)

IGETC requirements (https://www.valleycollege.edu/student-services/counseling/igetc/)

Program Learning Outcomes

At the completion of this program, students will be able to:

a. Express a general breadth of architectural and environmental knowledge using verbal, written and a variety of graphic techniques.

b. Apply design principles to the analysis or development of two- and three-dimensional design.

c. Present two- and three-dimensional design project solutions explaining their problem-solving procedure utilizing a variety of verbal and graphic techniques, paying particular attention to the potential impact of design on historically underrepresented populations and offering design solutions to mitigate those impacts.

d. Relate the impact of various influences to the development of architectural characteristics and styles.

e. Possess an awareness of relationships among allied fields.

f. Analyze the US and global history of building and urban designs that benefitted some populations at the expense of others. Contrast this with more recent building and urban designs that incorporate previously marginalized voices, environmental sustainability, environmental justice, and accessibility.