GLENDALE COMMUNITY COLLEGE

CAREER EDUCATION
Your path to employment

ARCHITECTURAL DRAFTING & DESIGN

(CAREER PATHWAY CHECKLIST –High School & New Students)

ABOUT THE JOB

Prepare detailed drawings of architectural designs and plans for buildings and structures according to specifications provided by architect.

SAMPLE OF JOB TITLES

Architect, Architectural Designer, Architectural Drafter, Architectural Draftsman, Architectural Intern, CAD Technician (Computer-Aided Design Technician), Drafter, Draftsman, Intern Architect, Project Manager

EDUCATION

***68%** of respondents had a Bachelor's degree
***15%** of respondents had an Associate's degree
***8%** of respondents had Some college, or no degree

WAGE & EMPLOYMENT TREADS

Median wages (2017) $25.42 hourly, $52,870 annual
Employment (2016) 100,000 employees
Projected growth (2016-2026) Average (5% to 9%)
Projected job openings (2016-2026) 9,500

TECHNOLOGY SKILLS

Technology Skill— a technology requirement frequently included in employer job postings

Computer aided design CAD software —Autodesk AutoCAD; Autodesk Revit
Development environment software Adobe Systems Adobe Acrobat
Graphics or photo imaging software — Adobe Systems Adobe Illustrator
Document management software — Adobe Systems Adobe Acrobat

*all information pulled form O*net Online www.onetoonline.org *O*NET database, containing hundreds of standardized and occupation-specific descriptors on almost 1,000 occupations covering the entire U.S. economy. The database, which is available to the public at no cost, is continually updated from input by a broad range of workers in each occupation. WWW.SalarySurfer.CCCCO.edu - provides an estimate on potential wages to be earned after receiving a certificate or degree. / www.CACareerCafe.com is a Virtual Career Center open 24/7 bringing you insights and tools for success.\

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Skill Award: 9 units each — Certificate, Degree: Total 42 units

FALL SEMESTER 1	CHECK	SPRING SEMESTER 2	CHECK
ARCH 101 Drafting & Basic Design 3.0 Units, Transfer, CSU	☐	**ARCH 102** Architectural Drafting & Design 3.0 Units, Transfer Credit, CSU	☐
FALL SEMESTER 3		**SPRING SEMESTER 4**	
ARCH 250 Introduction to Autodesk Revit Architecture 3.0 Units	☐	**ARCH 120** Residential Architectural Design I 3.0 Units, Transfer, CSU	☐
Complete the online petition for your Residential Design Skill Award: Your Skill Award will be mailed to you after reviewing your required courses and grade in the courses (ARCH 101, ARCH 102, & ARCH 120) "C" average is required.			
FALL SEMESTER 5		**SPRING SEMESTER 6**	
****ENGR 109** Computer Aided Design AutoCAD I 3.0 Units, Transfer, CSU, UC ****Note:** The class may not be available at the High School campus. Student may take the class at the GCC campus. Meet with your counselor and ask about Jump Start at GCC	☐	****ART 130** 2d Foundations 3.0 Units, Transfer, CSU ****Note:** The class may not be available at the High School campus. Student may take the class at the GCC campus. Meet with your counselor and ask about Jump Start at GCC	☐
College Courses at GCC			
FALL SEMESTER 1		**SPRING SEMESTER 2**	
ARCH 103 Descriptive Geometry 3.0 Units, Transfer, CSU, UC, USC	☐	**ARCH 105** Perspective Graphics 3.0 Units, Transfer, CSU, UC, USC	☐
ARCH 106 Building Codes I 3.0 Units, Transfer Credit, CSU	☐	**ARCH 125** Residential Architectural Design II 3.0 Units, Transfer, CSU	☐
*Any College-Level English Class Note: *T ED 140 Fundamentals of Engineering Documentation (3 units) [any College-Level English class]	☐	*Any College-Level Math Class Note: *T ED 142 Technical Mathematics I (3 units) [any College-Level Math class]	☐
Congrats! Complete the online petition for your Visualization Skill Award. Your Skill Award will be mailed to you after reviewing your required courses and grade in the courses (ARCH 101, ARCH 103 & ARCH 105) "C" average is required.			☐
FALL SEMESTER 3		**SPRING SEMESTER 4**	
ARCH 130 Commercial Architectural Design I 3.0 Units, Transfer, CSU	☐	**ARCH 135** Commercial Architectural Design II 3.0 Units, Transfer, CSU	☐
SPCH 101 Interpersonal Communication 3.0 Units, Transfer, CSU, UC, USC or **BUSAD 152** Management Communication-Oral 3.0 Units, Transfer, CSU	☐	Congrats! Complete the Petition for Certificate Form and submit form to the Admissions and Records Office	☐

GRADUATION REQUIREMENTS The requirement for the Associate in Arts/Science degree may be met by completing a Major with a minimum of 18 semester units + GENERAL EDUCATION (GE). A total 60 unit is a requirement for the Associate Degree. **SEE A COUNSELOR TO PREPARE A STUDENT EDUCATIONAL PLAN**