

Table C: Architecture and Construction Career Cluster, Occupational Specialties and Related O*NET Occupations, Sequenced by Career Pathways and Occupational Specialty Codes

Occupational Specialties		Related SOC/O*NET Occupations	
Code	Title	Code	Title
2.10000	Design/Pre-construction Pathway		
2.10010	Architect	17-1011.00	Architects, Except Landscape and Naval
2.10020	Interior Designer	27-1025.00	Interior Designers
2.10030	Landscape Designer	17-1012.00	Landscape Architects
2.10040	Urban Planner/Designer	19-3051.00	Urban and Regional Planners
2.10050	Environmental Designer	17-1012.00	Landscape Architects
2.10060	Programmer	15-1021.00	Computer Programmers
2.10070	Preservationist	19-3051.00	Urban and Regional Planners
2.10080	Civil Engineer (structural, geotechnical, transportation, etc.)	17-2051.00	Civil Engineers
2.10090	Mechanical Engineer (HVAC, plumbing, fire protection, etc.)	17-2141.00	Mechanical Engineers
2.10100	Electrical Engineer (electronics, security, telecommunications)	17-2071.00	Electrical Engineers
2.10110	Environmental Engineer (hydro engineering, acoustical, etc.)	17-2081.00	Environmental Engineers
2.10120	Surveyor	17-1022.00	Surveyors
2.10130	Specifications Writer	27-3042.00	Technical Writers
2.10140	Building Code Official	47-4011.00	Construction and Building Inspectors
2.10150	Computer Information System Manager/Designer	11-3021.00	Computer and Information Systems Managers
2.10160	Computer Aided Drafter (CAD)	17-3013.00	Mechanical Drafters
2.10180	Modeler (traditional and computer)	51-7031.00	Model Makers, Wood
2.10180	Modeler (traditional and computer)	51-4061.00	Model maker, metal
2.10190	Renderer (traditional and computer)	99.0000.00	Insufficient information to classify
2.20000	Construction Pathway		
2.20010	General Contractor	11-9021.00	Construction Managers
2.20020	Specialty Contractor	11-9021.00	Construction Managers
2.20030	Construction Engineer	17-2051.00	Civil Engineers
2.20040	Construction Manager	11-9021.00	Construction Managers
2.20050	Superintendent	11-9021.00	Construction Managers
2.20060	Project Manager	11-9021.00	Construction Managers
2.20070	Construction Foreman	47-1011.01	First-Line Supervisors and Manager/Supervisors- Construction Trades
2.20080	Estimator	13-1051.00	Cost Estimators
2.20090	Project Inspector	47-4011.00	Construction and Building Inspectors
2.20100	Project Engineer	17-2051.00	Civil Engineers

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2.20110	Manufacturer's Representative	41-4012.00	Sales Representatives, Wholesale and Manufacturing, Except Technical
2.20110	Manufacturer's Representative	41-4011.00	Sales Representatives, Wholesale and Manufacturing, Technical and
2.20120	Sales and Marketing Manager	11-2022.00	Sales Managers
2.20120	Sales and Marketing Manager	11-2021.00	Marketing Managers
2.20130	Equipment and Material Manager	11-3061.00	Purchasing Managers
2.20130	Equipment and Material Manager	11-9021.00	Construction Managers
2.20140	Scheduler	11-9021.00	Construction Managers
2.20150	Education and Training Director/Coordinator	11-3042.00	Training and Development Managers
2.20150	Education and Training Director/Coordinator	13-1073.00	Training and Development Specialists
2.20160	Safety Director	11-9041.00	Engineering Managers
2.20170	Mason	47-2021.00	Brickmasons and Blockmasons
2.20180	Iron/Metalworker – structural and reinforcing	47-2221.00	Structural Iron and Steel Workers
2.20190	Carpenter/Millwright	47-2031.00	Carpenters
2.20200	Electrician	47-2111.00	Electricians
2.20210	Concrete Finisher	47-2051.00	Cement Masons and Concrete Finishers
2.20220	Glazer	47-2121.00	Glaziers
2.20230	Roofer	47-2181.00	Roofers
2.20240	Painter	47-2141.00	Painters, Construction and Maintenance
2.20250	Plasterer/Drywall	47-2161.00	Plasterers and Stucco Masons
2.20260	Plumber/Pipe Fitter	47-2152.00	Plumbers, Pipefitters, and Steamfitters
2.20270	Equipment Operator	47-2073.01	Grader, Bulldozer, & Scraper Operators
2.20270	Equipment Operator	47-2073.02	Operating Engineers
2.20280	Flooring System Mechanic/Technician	47-2043.00	Floor Sanders and Finishers
2.20290	Heating, Ventilation, Air Conditioning, Refrigeration Mechanic	49-9021.01	Heating & Air Conditioning Mechanics
2.20290	Heating, Ventilation, Air Conditioning, Refrigeration Mechanic	49-9021.02	Refrigeration Mechanics
2.20300	Craft Specialties (i.e. Floor Carpenter)	99.0000.00	Insufficient information to classify
2.30000	Maintenance/Operations Pathway		
2.30010	General Maintenance Contractor	11-9021.00	Construction Managers
2.30020	Specialty Contractor	11-9021.00	Construction Managers
2.30030	Facilities Engineer	17-2051.00	Civil Engineers
2.30040	Reliability Engineer	17-2199.00	Engineers, All Other
2.30050	Environmental Engineer	17-2081.00	Environmental Engineers

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2.30060	Demolition Engineer	17-2051.00	Civil Engineers
2.30070	Maintenance Planner/Scheduler	11-3011.00	Administrative Services Managers
2.30070	Maintenance Planner/Scheduler	43-5061.00	Production, Planning, and Expediting Clerks
2.30080	Maintenance Estimator	11-3011.00	Administrative Services Managers
2.30080	Maintenance Estimator	13-1051.00	Cost Estimators
2.30090	Security Controls Manager	33-1099.00	First-Line Supervisors/Managers, Protective Service Workers, All Other
2.30100	Mason	47-2021.00	Brickmasons and Blockmasons
2.30110	Iron/Metalworker – structural and reinforcing	47-2221.00	Structural Iron and Steel Workers
2.30120	Carpenter/Millwright	47-2031.00	Carpenters
2.30130	Electrician	47-2111.00	Electricians
2.30140	Concrete Finisher	47-2051.00	Cement Masons and Concrete Finishers
2.30150	Glazer	47-2121.00	Glaziers
2.30160	Roofer	47-2181.00	Roofers
2.30170	Painter	47-2141.00	Painters, Construction and Maintenance
2.30180	Plasterer/Drywall	47-2161.00	Plasterers and Stucco Masons
2.30190	Plumber/Pipe Fitter	47-2152.00	Plumbers, Pipefitters, and Steamfitters
2.30200	Equipment Operator	47-2073.01	Grader, Bulldozer, & Scraper Operators
2.30200	Equipment Operator	47-2073.02	Operating Engineers
2.30210	Flooring System Mechanic/Technician	47-2043.00	Floor Sanders and Finishers
2.30220	Heating, Ventilation, Air Conditioning, Refrigeration Mechanic	49-9021.01	Heating & Air Conditioning Mechanics
2.30230	Refractory Technician	47-4099.00	Construction & Related Workers, All Other
2.30240	Hydro Testing Technician	17-3022.00	Civil Engineering Technicians
2.30250	Thermal Control Technician	17-3022.00	Civil Engineering Technicians
2.30260	Restoration Technician	17-3022.00	Civil Engineering Technicians
2.30270	Wastewater Maintenance Technician	17-3025.00	Environmental Engineering Technicians
2.30270	Wastewater Maintenance Technician	17-3022.00	Civil Engineering Technicians
2.30280	Highway Maintenance Worker	47-4051.00	Highway Maintenance Workers
2.30290	Landscape Maintenance/Groundskeeper	37-3011.00	Landscaping and Groundskeeping Workers
2.30300	Craft Specialties (i.e. Refractory Brick)	99-0000.00	Insufficient information to classify