Architectural and Engineering Managers

SOC: 11-9041 • Career Profile Report

■ Key Facts

$167,740	212,500	+4.0%
Median Salary	Employment	Growth Rate

■ Requirements & Salary Range

Education: Bachelor's degree

■ Automation Risk Assessment

Low Risk - 18.0% probability of being automated in the next 10-20 years.

This job is relatively safe from automation due to its creative, social, or complex problem-solving requirements.

■■ Work-Life Balance

7.0/10 - Good work-life balance

■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	4.2/10	Investigative	6.8/10
Artistic	4.4/10	Social	7.8/10
Enterprising	8.6/10	Conventional	7.4/10

■ Top Skills Required

Analytical skills, Communication skills, Interpersonal skills, Leadership skills, Math skills, Organizational skills

✓ Strengths

• High Demand
• Flexible Work
• Continuous Learning

■ Challenges

• Burnout Risk
• Rapid Technological Change

■ What They Do

Architectural and Engineering Managers typically perform the following tasks: • Manage the coordination and overall integration of technical activities in architecture or engineering projects. • Direct, review, or approve project design changes. • Consult or negotiate with clients to prepare project specifications. • Prepare budgets, bids, or contracts. • Present and explain proposals, reports, or findings to clients. • Confer with management, production, or marketing staff to discuss project specifications or procedures. • Assess project feasibility by analyzing technology, resource needs, or market demand. • Review, recommend, or approve contracts or cost estimates. • Develop or implement policies, standards, or procedures for engineering and technical work. • Establish scientific or technical goals within broad outlines provided by top management. • Direct recruitment, placement, and evaluation of architecture or engineering project staff. • Perform administrative functions, such as reviewing or writing reports, approving expenditures, enforcing rules, or purchasing of materials or services. • Develop or implement programs to improve sustainability or reduce the environmental impacts of engineering or architecture activities or operations. • Evaluate the environmental impacts of engineering, architecture, or research and development activities. • Plan or direct the installation, testing, operation, maintenance, or repair of facilities or equipment. • Identify environmental threats or opportunities associated with the development and launch of new technologies. • Plan, direct, or coordinate survey work with other project activities. • Evaluate environmental regulations or social pressures related to environmental issues to inform strategic or operational decision-making. • Solicit project support by conferring with officials or providing information to the public.