Engineering Manager

ELECTRONIC SECURITY

Career level

Entry Level | Early Career | **Mid Career** | Later Career

Job Description

Engineering Managers are responsible for planning and directing an organisation's technical operations. They oversee teams and work closely with architects and other professionals to oversee the successful delivery of a project. Engineering Managers employ a collaborative mindset and require a broad managerial skillset combined with engineering expertise. They often split their time between an office and work sites.

As the Engineering Manager, you will oversee and coordinate all engineering activities throughout the projects. Your responsibilities will include managing a team, ensuring the timely completion of deliverables, plus collaborating closely with project managers, architects, and other stakeholders.

Salary & Benefits

Your starting salary can vary because of factors like level of experience, training, or location. Your salary as an Engineering Manager may increase over time as you build skills, knowledge and experience.

Weekly Pay: $2,600 – $3,000

Annual Pay: $135,000 – $160,000

Hours per week: 38

Hourly Pay: $68.00 – $80.00

On the Job

As an Engineering Manager the day-to-day job responsibilities include:

- Oversee and manage engineering activities related to projects.
- Coordinate with project managers, architects, and contractors to ensure effective communication and collaboration.
- Provide technical expertise and guidance to the engineering team throughout the project lifecycle.
- Develop and implement engineering standards, processes, and best practices to enhance project efficiency and quality.
- Evaluate project plans, specifications, and designs to identify potential risks and recommend solutions.
- Monitor project progress, budgets, and timelines to ensure adherence to established goals and objectives.
- Conduct regular site visits and inspections to assess construction quality and compliance with engineering standards.
- Mentor and develop engineering staff, providing guidance on professional growth and skill enhancement.
- Collaborate with other departments, such as procurement and operations, to optimise resource allocation and project execution.
- Stay updated on industry trends, regulations, and advancements in construction engineering to drive innovation and continuous improvement.

ASIAL

Entry Qualifications & Training

Being part of the security industry requires an individual to undertake his/her responsibility with a high degree of professionalism.

The requirements to become an Engineering Manager include:

- Complete a Bachelor of Engineering
- Register with the National Engineering Register (NER)
- Have previous experience working in a security engineering role.

Career Progression

With time and experience as an Engineering Manager you can progress to an Engineering Director, Chief Technology Officer, Product Management, Consulting and Executive Leadership.

Experience & Skills Required

Among the useful skills to highlight to your employer when applying for a Engineering Manager role include:

- An engineering manager should possess a deep understanding of engineering principles and concepts relevant to the field they oversee.
- Effective communication, problem-solving, and decision-making skills are essential for guiding and inspiring a team of engineers.
- Engineering managers must be able to align engineering goals with broader organisational objectives, identifying opportunities for innovation and efficiency.
- They should be adept at planning, organising, and coordinating complex engineering projects, ensuring they are completed within budget and on schedule.
- Building a cohesive and high-performing engineering team requires fostering a culture of collaboration, trust, and respect among team members.
- Adaptability and agility: Engineering managers must be able to navigate rapidly evolving technologies and industry trends, adapting strategies and processes accordingly.
- They should have the ability to effectively engage and manage relationships with various stakeholders, such as executives, clients, and cross-functional teams.
- Staying abreast of emerging technologies, industry best practices, and regulatory changes is crucial for engineering managers to drive innovation and maintain a competitive edge.
- Understanding and empathising with team members' needs, motivations, and concerns fosters a positive work environment and facilitates effective leadership.
- Having a solid understanding of business fundamentals, including budgeting, financial analysis, and market dynamics, enables engineering managers to make informed decisions aligned with organisational goals.

Getting Started

Engineering Manager jobs are advertised under different job titles and can be found on online jobs or directly by employers. When looking on job boards, look for the following types of job

Engineering Manager
Maintenance Manager

Useful Organisations and Links

- **ASIAL**
  asial.com.au

- **Security Licensing Information**
  asial.com.au/security_licensing_information

- **Security Training Requirements**
  training.gov.au/Training/Details/CPP

- **ASIAL**
  Contact Information
  1300 127 425
  contactus@asial.com.au

ASIAL
AUSTRALIAN SECURITY INDUSTRY
ASSOCIATION LIMITED

Contact ASIAL
Security Industry House,
41 Hume Street, Crows Nest NSW 2065
1300 127 425
security@asial.com.au
www.asial.com.au

Supporting members, promoting standards and safeguarding public interests.