

INDUSTRIAL AND MANUFACTURING ENGINEERS

NOC 21321

Conduct studies and develop and supervise programs to achieve the best use of equipment, human resources, technology, materials and procedures to enhance efficiency and productivity.



3-YEAR OUTLOOK

Undetermined

3-YEAR JOB OPENINGS

11

MEDIAN HOURLY WAGE

$43.03

$27.95 LOW

$64.09 HIGH

TYPICALLY REQUIRED

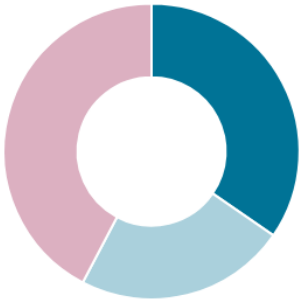
University

EMPLOYED

112

AVERAGE SALARY

$90,000



EMPLOYMENT BY INDUSTRY

34.6%	Professional, scientific and technical services
23.1%	Manufacturing
Suppressed	Suppressed
42.3%	All Other Industries

EMPLOYMENT BY AGE

Suppressed	15-24
Suppressed	25-34
Suppressed	35-44
Suppressed	45-54
Suppressed	55-64
Suppressed	65+

ALSO KNOWN AS

- Computer Integrated Manufacturing (CIM) Engineer
- Fire Prevention Engineer
- Industrial Engineer
- Manufacturing Engineer
- Plant Engineer
- Production Engineer

MAIN DUTIES:

This group performs some or all of the following duties:

- Plan and design plant layouts and facilities
- Study new machinery and facilities and recommend or select efficient combinations
- Develop flexible or integrated manufacturing systems and procedures
- Conduct studies and implement programs to determine optimum inventory levels for production and to allow optimum utilization of machinery, materials and resources
- Analyze costs of production
- Design, develop and conduct time studies and work simplification programs.

