Mechanical Engineers 17-2141.00







Description: Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment.

Other Resources:

ONET Link
MyNextMove Link

Sample of Reported Job Titles: Application Engineer, Design Engineer, Design Maintenance Engineer

Job Zone

Title: 4 - Considerable Preparation Needed

Education: Require a four-year bachelor's

degree.

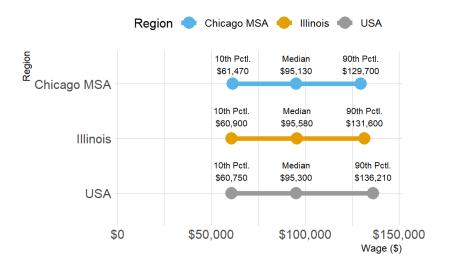
Experience: A considerable amount of work-related skill, knowledge, or experience is needed.

Training: Several years of work-related experience, on-the-job training, and/or vocational training needed.

Core Certifications: Certified Systems Engineering Professional, Associate Systems Engineering Professional

Hot Technologies: Adobe Systems Adobe Illustrator, Autodesk AutoCAD, Autodesk AutoCAD Civil 3D, Autodesk Revit, Bentley MicroStation, C++

Region	Employment	Location Quotient	Median Wage
Chicago MSA	7,290	0.87	\$95,130
Illinois	10,520	0.95	\$95,580
USA	278,240	-	\$95,300



Importance

(out of 100)

Frequency

Top 5 Core Tasks According to Current Job Holders

Read and interpret blueprints, technical drawings, schematics, or computer-generated reports.	Daily	90
Research, design, evaluate, install, operate, or maintain mechanical products, equipment, systems or processes to meet requirements.	Hourly or more	87
Confer with engineers or other personnel to implement operating procedures, resolve system malfunctions, or provide technical information.	Daily	83
Develop, coordinate, or monitor all aspects of production, including selection of manufacturing methods, fabrication, or operation of product designs.	More than weekly	80
Investigate equipment failures or difficulties to diagnose faulty operation and recommend remedial actions.	More than monthly	80