Keywords: Mechanical Engineer Specialized Skills

Mechanical Engineering  Spreadsheets  American Board for
Computer Aided  System Design  Engineering and Technology
Drafting/Design (CAD)  Equipment Design  (ABET) Accredited
AutoCAD  Optimization  Chemical Engineering
Mechanical Design  Collaboration  Experiments
Repair  SAP  Civil Engineering
Product Development  Process Improvement  Test Equipment
Technical Support  Piping Systems  Engineering Activities
Engineering Design  Schematic Diagrams  Enterprise Resource Planning
Inspection  Hydraulics  (ERP)
Product Design  Engineering Analysis  Calculation
Manufacturing Processes  Project Design  Concise
Procurement  Design Software  Facility Design
Professional Engineer  Lean Manufacturing  Chemistry
Engineering Support  Estimating  Metallurgy
Machinery  Systems Integration  Revit
Scheduling  Six Sigma Green Belt  Manufacturing Engineer
Validation  Word Processing  Piping Design
HVAC  Project Design  Power Generation
Six Sigma  Design Software  Feasibility Studies
SIMULATION  Lean Manufacturing  Supply Chain Management
Mentoring  Estimating  Electrical Systems
Welding  Systems Integration  Decision Making
New Product Development  Failure Modes and Effects  CATIA
Stress Analysis  Analysis (FMEA)  Oracle
Purchasing  Contract Management  Design and Construction
Pro/ENGINEER  Product Improvement  Offshore Drilling
Machining  Engineering Calculations  Laboratory Testing
Process Engineering  Personal Computers  Legal Compliance
Technical Writing / Editing  Seminars  Data Collection
Concept Development  Systems Engineering  Leadership in Energy and
Heat Exchange  Data Analysis  Environmental Design (LEED)
3D Modeling  Plumbing  Supplier Selection
Packaging  Process Control  Industrial Engineering
Engineering Projects  Equipment Selection  Design for
Engineer in Training  Process Equipment  Manufacture/Design for
Process Design  American Society for Testing  Assembly (DFM/DFA)
Failure Analysis  and Materials (ASTM)  Description and
Ansys  Materials Selection  Demonstration of Products
Oil Refining  Structural Design  Technical Drawings
Mathematics  Data Acquisition  Materials Science
Mathcad  Engineering Software  Autodesk
Finite Element Analysis  CAD Design

Provided by: Career Services, The University of Texas at Tyler
Source: Labor/Insight Jobs (Burning Glass Technologies)
Courtesy: UT System
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Construction Management
Training Materials
Tool Design
Natural Gas
3D Design
Blueprints
Building Codes
Aerospace Engineering
Original Equipment Manufacturer (OEM)
Business Development
Robotics
Report Writing
Prototyping
FEA Software
MATLAB
System Architecture
Technical Training
Compliance with Customer Specifications
Design Analysis
Unigraphics
Ventilation
Injection Molding
Nondestructive Testing (NDT)
Medical Device
HAZOP
Screening
Wireline
RFI
Cost Analysis
Physical Demand Workshops
Contract Review
Six Sigma Black Belt
Intellectual Property
Computer Numerical Control (CNC)
Data Management
Equipment Testing
Troubleshooting Technical Issues
Geology
ISO 9001 Standards
Electromechanical Systems
Product Sale and Delivery
Programmable Logic Controller (PLC) Programming
Statistics
Permitting
Logistics
Labview
Calibration
Cleaning
HVAC Engineering
Forecasting
Lean Six Sigma
Fire Protection
CAD/CAM
Boilers
Load Calculations
Fatigue Analysis
Manufacturing Resource Planning (MRP)
Surveys
NASTRAN
Product Management
Kaizen
Business Process
CADD
Accounting
Logging
Technical Analysis
Cooling Towers
Document Management
Contract Preparation
Business Administration
Microstation