



Dean Woodall Sr. - 53

I work closely with engineers to turn ideas into real, workable plans. Once I create or update technical drawings — whether it's a one-line layout or a detailed 3D model — I focus on what it will actually take to bring that project to life. If a design feels too complex, I break it down and map out a straightforward, step-by-step process to make it achievable.

I always keep the bigger picture in mind. From budget limits to the machinery available, each project starts with a big idea but is approached with a sharp focus on what's practical and efficient.

Occupation:

Mechanical Drafter

Salary:

\$82,096

Education:

Associate's Degree

Job Description:

Mechanical Drafters prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.*



Job Description:

SOC Code: 17-3013

Top Job Skills:

- Budget management
- Developing new business
- Maintains records
- CNC programming
- Design tools

General Work Activities:

- Mental Processes
 - Create graphical representations of mechanical equipment
 - Create images or other visual displays
 - Design electromechanical equipment or systems
 - Analyze design or requirements information for mechanical equipment or systems
 - Verify mathematical calculations
- Interacting With Others
 - Confer with technical personnel to prepare designs or operational plans
 - Discuss designs or plans with clients
 - Supervise engineering or other technical personnel

Source: SC Works Online Services (SCWOS)

LEARN MORE WITH SCWOS:

SC Works Online Services (SCWOS) is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit jobs.scworks.org.

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O*NET.org](https://www.onet.org).

DEW is an equal opportunity employer. Auxiliary aids and services are available upon request to individuals with disabilities. Access TTY/TDD equipment via the South Carolina Relay Service at 711. For program funding details in compliance with the Stevens Amendment, please visit www.dew.sc.gov/funding. Information released as part of the Explore SC@Work campaign is gathered from employers, jobseekers, associations, the Bureau of Labor Statistics, DEW's Labor Market Information Division, and other sources. All data is factual, but names, images, and quotations have been adapted to protect the identity of employees and businesses.

JOB STATISTICS:



Typical Wage Range

\$52,790 - \$74,710



Projected Growth

54/yr Job Openings



Employed In-State

670



Required Education

Associate's Degree



Work Experience

Typically
Requires None



On-the-Job Training

Typically
Requires None

*Source: Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Trident
- Midlands
- Upstate
- Upper Savannah
- Lower Savannah
- Greenville

EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Builders FirstSource, Inc.
- McMillan Pazdan Smith Architecture
- RTX
- Sargent & Lundy
- True Timber

RELATED OCCUPATIONS:

- Architectural and Civil Drafters
- Model Makers, Metal and Plastic
- Mechanical Engineering Technologists and Technicians
- Commercial and Industrial Designers
- Electrical and Electronics Drafters

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. Last Updated: 2026.