



Manufacturing CAD Engineer

About Us:

Modineer Company is a privately held, owner operated, IATF certified North American steel and aluminum contract manufacturer headquartered in the greater South Bend, IN area.

Modineer does approximately \$325,000,000 in revenue with a tier-one core market focus in automotive, defense, heavy truck, heavy trailer, heavy agriculture, medical, and powersports industries. With a legacy spanning over 80 years, we operate in over 1,500,000 ft² of manufacturing space and employ over 1,500 team members across 14 plants in 5 states and two countries including Juarez, MX.

Under new ownership since late 2018, expectations are to triple the size of this business in the next 5-7 years through a 50/50 split of organic growth in our markets served and M&A activity.

Modineer has invested in a relationship with Purdue over the past 3 years in order to help achieve our high growth expectations. In 2019, Modineer won Corporate Partner of the Year for Purdue IE and have participated in (11) senior design projects across IE 431, ME 463, IE 590, and ASME. Modineer also welcomed (15) engineering interns over the last three summers and have on-boarded (35) full-time Purdue graduates since January 2020. Our hiring plans are significant—the engineering leadership development positions offered will be a key ingredient of our growth plan.

We have positions in the greater South Bend, IN area, St. Louis, MO, and Dallas, PA.

Primary job duties and responsibilities

- Create 3D models and engineering drawings using customer provided CAD data
- Meet and confer with manufacturing engineers, tool and die designers, contractors, vendors, etc., to assist in determining manufacturing feasibility
- Revise CAD drawings as required by manufacturing and verify accuracy and completeness
- Manage the engineering change control process (ECN) and track revisions using PDM
- Take ownership of engineering and manufacturing BOMs from CAD until transferred into the ERP system
- Optimize the administration of the CAD and PDM software systems
- Implement CAD/PDM best practices including optimal drafting disciplines and processes

Desired education, skills and work experience:

- Bachelor's degree in Engineering or Engineering Technology
- Proficient in SolidWorks CAD software (modeling & drawings)
- Ability to learn new software and additional techniques as needed
- Familiarity with PDM/PLM systems (SolidWorks PDM preferred)
- Familiarity with Geometric Dimensioning and Tolerancing (GD&T)
- Familiarity with Inventor, AutoCAD, CATIA, Forming Suite (not required)