

## **Position: Designer**

**Position Summary:** Metal Shark is a fast growing company and is expanding its Engineering Department. We are looking for experienced designers to join our Drafting and Design Group. Metal Shark's Designers are responsible for developing all of our 3D Models and 2D Production Drawings. Metal Shark utilizes an array of software, including AutoCAD, Rhino 3D, Solidworks, and ShipConstructor to ensure a high level of confidence for an efficient production of our model line. Vessel designs can and will vary greatly, from a 40' high speed interceptor to a 150' passenger ferry, for example. As such, designers will be able to model a range of both structural and systems components, including piping, wire ways, machinery, etc.

### **Minimum Requirements:**

- Associate's Degree in Drafting & Design, or similar
- Experience: A minimum of 3 years of designing and drafting experience:
  - 2D and 3D Structural Design
  - 2D System schematics
  - Extensive knowledge of the following software
    - AutoCAD
    - Microsoft Office (Word, Excel, Project, Outlook)
    - Solidworks
    - Rhino preferred
  - Skills geared towards engineering and design for production

### **Responsibilities:**

- Develop complex 3D ship structural models
- Create 2D structural part and construction assembly drawings for production
- Develop 2D & 3D system arrangements
- Create 2D electrical schematics
- Populate nesting software with developed parts
- Support Production Engineering by modifying 2D Drawings and 3D Models with any changes that may occur throughout vessel construction
- Provide final structural and systems weight to engineers upon modeling completion