



3D CAD Designer

Job Description

NETSCo is a 36-year old Naval Architecture and Marine Engineering firm that designs specialized cargo ships for Great Lakes and deep-sea operations. The successful candidate would provide support to our engineering staff by preparing concept, design, and detailed drawings using 3D AutoCAD software (at a minimum) following NETSCo's drafting best management practices and standards. The candidate must be able to apply the principles of marine and nautical design elements by incorporating structural, mechanical, and electrical elements in U.S. standard and/or metric units. AutoCAD skills are a must; knowledge using Ship Constructor, Rhinoceros and other 3D software are a plus. At least 5-years of experience in this area preferred, but we are willing to train the right entry level person with a superior skill sets and work ethic.

Essential Duties and Responsibilities

Prepare conceptual and/or detail engineering drawings for ship modifications, conversions, new construction, and shore facilities

Convert 3D scan output files into useable 3D models

Convert drawing files to a useable format (ex. AutoCAD to PDF)

Reproduce original "hand-drawn" drawings into electronic AutoCAD files in an efficient, expeditious, and professional manner

Make final sketch of proposed drawing, checking dimension of parts, materials to be used, relation of one part to another, and relation of various parts to whole structure or project

Draw finished designs from sketches

Additional duties as assigned

To Apply

Send resume and cover letter to Richard Mueller at rmueller@NETSCo.us