PASCO Scientific

www.pasco.com

POSITION TITLE: CAD Designer

JOB LOCATION: Roseville, CA, USA

POSITION DESCRIPTION:
PASCO scientific is a world leader in 21st Century technology solutions for science education. Our products are coveted by science teachers around the world for their quality and ease of use in the classroom. Located in Roseville, CA we have been serving science educators for over 50 years. Please join us to make a difference in science education.

Under limited supervision following general instructions in a collaborative environment and with some discretion to work details approximately 65% of the time:

- Supports Mechanical Engineer and Education Managers in development of new product design modeling.
- Works with Electronic Engineers to provide component configurations and PCB layouts.
- Works with Manufacturing Engineer in the redesign of existing products for cost reduction and improvement of manufacturing processes.
- Works with Purchasing Specialist to research and verify electro-mechanical vendor components and part documents/AVLs.
- Works with Regulatory Engineer to incorporate all applicable regulatory and item-specific documents for domestic and international compliance.
- Creates a complete documentation package to include 2-D drawings, assemblies, assorted procedures, and packaging. Component design includes injection-molded plastics and casted parts, machined parts, sheet-metal parts, product labeling, and product packaging.
- Follows department-specific and ISO guidelines in the version-controlled environment/Vault.
- Works closely with Document Control to set up indented product structure and addresses all applicable use cases.
- Takes products through all phases of the release cycle on Product Change Controls.
- Supports existing product line 35% of the time:
  - Reviews Product Change Requests on the substantial PASCO product line, including manufactured, contract-manufactured, and resell items. Scope of product includes hardware, software, and curriculum/labs.
  - Understands product structure and works with Production Control to achieve effective material resource disposition.
  - Implements appropriate solutions through the standard PCO process.
  - Assists in various clean-up projects as required.

MINIMUM QUALIFICATION:
In order to be qualified, you must meet the following requirements:

- High school diploma or equivalent.
- AA degree or equivalent with emphasis in computerized design
- Proficient in Solidworks
• Proficient in Altium or similar PCB layout program
• Basic knowledge with graphics program such as Illustrator.
• Functional in Microsoft Office
• Demonstrates excellent organizational and communication skills
• Works effectively in a team environment
• Six years of related drafting and design experience including one year of experience with design concepts and element

HOW TO APPLY: Follow this link to apply   CAD Designer