

The Mechanical Engineering Department is seeking a new composite shop student assistant. To apply, please e-mail a resume to Svenja Fleischer at ffleisch@uw.edu.

UW students from all majors are welcome to apply, however only applicants who are current qualified users of the ME composite shop and machine shop will be considered.

Job Duties:

- Supervise and train composite shop users on equipment use and layup best practices
- Clean shop spaces and equipment
- Move and assemble furniture and equipment
- Maintain composite shop equipment
- Design, assemble, and build fixtures for shop use (mounts, racks, etc.)

Required Qualifications

- **Current qualified user of the ME composite shop and machine shop. Applicants without this qualification will not be considered.** (completed composite shop safety training, machine shop safety training, mill & lathe training)
- Experience with composite prepreg layups. Experience with wet layups is desired, but not required.
- Experience with composite tooling and part design
- Must be able to use common hand and power tools (drill, wrenches, band saw, etc.)
- Clean, organized, and patient
- Able to work a minimum of 8 hrs/week
- At least 2 quarters until graduation- juniors, sophomores, and 1st year masters students are especially encouraged to apply

Desired Qualifications

- Composite tooling or mold manufacturing experience
- Proficient drawing basic parts and assemblies in Solidworks
- Electrical circuit design or troubleshooting experience
- Motor or pump repair experience
- First aid certified
- Able to lift at least 50 lbs

\$16/hr starting pay

Tip: On your resume, don't leave off manual labor work, even if you don't consider it "engineering". We'd love to hear about your experience in construction, farming or ranching, a bike shop, or that time you made your own fiberglass kayak. Also include details on any composite work you've done as part of a student team.