

Desired Qualifications: A junior or senior year engineering student who is currently enrolled in a Materials/Mechanical Engineering dual major program or a Materials Engineering student with a strong mechanical aptitude.

If you have practical mechanical skills to complement your ongoing materials engineering education, we are looking for you to assist with material investigations and failure analyses.

Demonstrated mechanical ability or experience with mechanical components *is strongly desired*. Basic knowledge of materials test equipment and testing concepts is required.

The position includes direct, hands-on contact with a variety of test equipment including hand measurement tools, metallographic sectioning and polishing equipment, hardness testers, digital photography, optical emission spectroscopy and optical microscopes.

Duties will include measuring and documenting wear on mechanical components, hardness measurements and preparation and examination of metallographic samples. Exposure to mechanical or materials fatigue testing is also possible.

This is a great opportunity for an engineering student to augment their academic training with practical industrial experience.