

Wendell Hull & Associates, Inc. (WHA) is an engineering firm that specializes in Forensic Engineering, Accident Reconstruction, Fire and Explosion investigations, and Testing. We provide complete incident inspections and investigations, evidence collection and documentation, scientific and engineering analysis, laboratory and field testing, issue research and standards reviews, product design analysis and patent review, report and exhibit preparation, and expert witness services throughout the United States.

Our staff of engineers and scientists cover a wide range of disciplines, and have extensive experience in all aspects of Forensic Engineering, including tasks such as design engineering of products and test systems from the ground up, and reverse engineering and testing of diverse engineering systems involving mechanical, electrical, hydraulic, and pneumatic machines and devices.

WHA has a testing facility available for performing a wide range of testing in support of the Forensic services the company provides. WHA began doing business in 1987 in Las Cruces, New Mexico. For more information visit: <http://www.wendellhull.com>

#### **MECHANICAL ENGINEERING CO-OP POSITION – Forensic Services Division**

Wendell Hull & Associates, Inc. (WHA) is offering a 6 month full-time co-op position to a mechanical engineering student who has successfully completed (GPA 3.0 and above) four (4) semesters of a BSME. This position is based at WHA's Main Office in Las Cruces, New Mexico and has full-time employment potential.

#### **Scope**

##### Forensic Engineering Assistant:

- Participate in Forensic Engineering investigations
- Assist in accident scene, vehicle, fire, and/or equipment inspections and investigations
- Work with Forensic Engineers to create accident scene and vehicle diagrams and 3D Models using Solid Works
- Work with Forensic Engineers to perform accident reconstruction, event sequence analysis, and vehicle dynamics calculations
- Prepare courtroom exhibits
- Review applicable standards and product patents
- Research design and safety issues of comparable components/vehicle equipment
- Assist Forensic Engineers in performing testing (e.g. constructing test fixtures and fire initiation tests)
- Maintain the Company library and info-file database
- Assist with various office coordination and maintenance tasks

#### **Position Requirements/Preferences**

- Skills and abilities that will be given preference:
- Hands-on skills such as construction and auto mechanics
- 3D Computer Modeling using software such as Pro-E or Solid Works
- Familiarity with math software such as MathCAD
- Surveying experience

Send resume and cover letter to Stanna Porter ([stanna@wendellhull.com](mailto:stanna@wendellhull.com)).