

Job 5558: Engineering Intern - Monopropellant Propulsion

Detail: Job Information

Job Code:	CSP31
Job ID:	5558
Folder:	Approved
Job Title:	Engineering Intern - Monopropellant Propulsion
Pos. Category:	Intern - Engineering
Pos. Level:	Unspecified
Pos. Type:	Intern
Hire Type:	New - Direct
Job Type:	Hourly
# of Positions:	1

Detail: Requirements

Exp. (Years):	0
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Detail: Additional Data

Department:	4860
Shift:	DS - Days Special 4@9Hrs/1@4Hrs
Work Week Hours:	40
ERP Category :	N/A
Requires Eligibility for US Security Clearance:	No

Description: Job Description

Overview:

At Aerojet, our people further the exploration of space and help keep

America safe! We develop and manufacture rocket engines in Redmond, Washington that are used on a variety of spacecraft. This intern opportunity will support our Monopropellant Technology group in the successful planning, design, development and qualification of propulsion systems for spacecraft and launch vehicle applications. Interested students are encouraged to apply today!

Essential Job Functions (Including % of Time for Each):

Under supervision, the Intern will:

70% - Participate in trade studies, program tasks relating to production thrusters and/or support technology development efforts . Tasks will likely involve data collection, entry level performance analysis, hardware tracking, and test monitoring.

20% - Assist project engineers with presentations and submittals to both external customers and internal staff.

10% - Coordinate activities with other internal departments such as engineering, manufacturing, quality, and test.

SECONDARY FUNCTIONS:

-Other duties as assigned.

Requirements:

Students must be actively pursuing a Bachelor's or advanced degree in Aerospace Engineering, Mechanical Engineering or other related science/discipline. Coursework and knowledge in the following areas are preferred: thermodynamics, heat transfer, fluid mechanics, materials, combustion, and/or rocket engine performance analysis. Must be proficient in Microsoft Excel, Word. Prefer experience with MatLab, Simulink, MSPowerpoint, and/or Visio. Experience with development hardware, mechanical assembly and/or test preferred. Must have ability/experience working in a team environment and excellent written and verbal skills. Requires U.S. Citizenship, U.S. Permanent Residency or other status as a U.S. Person.

Working Conditions:

Workplace includes areas where chemical materials are encountered.

EOE M/F/D/V

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