

NASA Goddard Space Flight Center
Applied Engineering and Technology Directorate (AETD)
Near-term Workforce Areas of Focus

SENIOR LEVEL POSITIONS

NASA Goddard is keenly interested in increasing the overall diversity within our workforce. Senior level positions in the following areas will be advertised in the very near future:

Coatings/Contamination (540)	Flt/Grd Data Systems (580)	Mission Design (590)
Composites (540)	Guidance, Nav & Control (590)	Mission Systems (590)
Detector Systems (550)	Instrument Manager (550)	Optical Mechanical (550)
EEE Parts (560)	Instrument Systems Eng (550)	Power Systems (560)
Electrical Systems (560)	Integration & Test (560)	Programmable Logic Design/FPGA (560)
Electromechanical (540)	Materials (540)	Radiation Envir & Effects (560)
Electro-Optics/Lasers (550)	Mechanical Design (540)	Thermal Systems (540)
EMI/EMC (560)	Mechanical Systems (540)	
Fiber Optics (560)	Microwave Systems (550/560)	

JUNIOR LEVEL POSITIONS

Goddard is keenly interested in increasing the number of early career employees within our workforce. Full-time early career positions in the following areas will be advertised in the very near future:

Avionics Packaging (560)	EMI/EMC (560)	Optical (550)
Chemical (540)	Fiber Optics (560)	Power Systems (560)
Coatings/Contamination (540)	Flight Harness (560)	Radar (550)
Composites Design (540)	Flight Mission Design (590)	Radiation, Envir & Effects (560)
Cryogenics (550)	Flt/Grd Data Sys Software (580)	RF Communications (560)
Detector Systems (550)	Guidance, Nav and Control (590)	Science Data Processing (580)
Electrical Grd Spt Equip (560)	Integration and Test (540)	Structural Mech Analysis (540)
Electro Mechanical (540)	Mechanical Systems (540)	Test Conductor for I&T (560)
Electronic Parts (560)	Mechanical Test (540)	Thermal (540)
Electro-Optics/Lasers (550)	Microelectronics Dvlpmt (560)	

INTERN AND CO-OP POSITIONS

In addition, we use our intern and co-op programs as a workforce pipeline. We are seeking to increase the number of participants with a graduation date of 2011 and beyond. We are looking for diverse candidates with interests in all of the areas identified above, plus the following key capability areas:

Active/Passive Radiometer Instrumentation (550)	Electrical Systems (560)	RF Communications (560)
Analog/Mixed Signal Design (560)	Guidance, Nav & Control (590)	Software Development (580)
Composites (540)	Optical Coatings (540)	Thermal Analysis (540)
Cryo/Low Temp Physics (550)	Propulsion (590)	Vibroacoustics (540)
EEE Parts (560)	Radiation Envir & Effects (560)	Virtual Data System (580)
	Reconfig/Embedded Prgm (580)	

INTERESTED – NEXT STEPS

- To directly apply for Senior and Junior Level Positions, visit USAJobs (search NASA Goddard): <http://www.usajobs.gov/>
- For Intern Positions, visit <http://university.gsfc.nasa.gov/>
- For Co-Op Positions, email your resume to Janine.T.Dolinka@nasa.gov and Sandra.L.Hare@nasa.gov.
- For Senior and Junior Level Positions that have not yet posted to USAJobs, email your resume to Sandra.L.Hare@nasa.gov. Resumes will be forwarded to hiring managers.

NASA Goddard Space Flight Center Applied Engineering and Technology Directorate

Mechanical Systems Division (Code 540)

Provides mechanical systems leadership and technology in the discipline areas of materials, structural dynamics and stress analysis, computer aided design, composites, electromechanical/ powered mechanisms, thermal and heat transport systems, contamination, specialized coatings, manufacturing, and integration and environmental test facilities for the verification and validation of space and Earth science and exploration missions and support systems.

Instrument Systems & Technology Division (Code 550)

Provides mechanical systems leadership and technology in the discipline areas of materials, structural dynamics and stress analysis, computer aided design, composites, electromechanical/ powered mechanisms, thermal and heat transport systems, contamination, specialized coatings, manufacturing, and integration and environmental test facilities for the verification and validation of space and Earth science and exploration missions and support systems.

Electrical Engineering Division (Code 560)

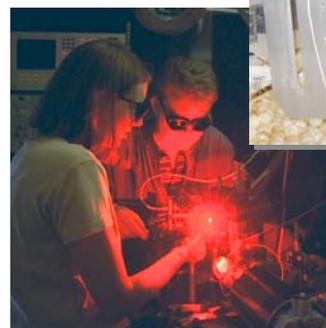
Provides expert leadership in the design, development, and verification of space avionics systems including electronics parts and radiation effects, microelectronics and signal processing, electrical power processing, command and data handling, communications and tracking, flight harnessing, integration and test, and electrical ground support equipment for NASA space missions and science instruments.

Software Engineering Division (Code 580)

Provides leadership for end-to-end software engineering solutions and technology to both NASA's Earth science, space science, exploration missions, and external customers in the areas of flight, ground, science analysis software systems, mission operations, and on-orbit support.

Mission Engineering & Systems Analysis Division (Code 590)

Provides leadership and expertise in mission systems engineering, mission design, navigation, propulsion, attitude control, attitude control sensor and actuator technologies, and space systems protection technologies through the entire life cycle of NASA's Earth science, space science, and exploration missions.



To learn more about AETD, visit our Web site: <http://aetd.gsfc.nasa.gov/> or contact us at: 301-286-6218

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