

# Careers in Aerospace Engineering

Engineering is, "the profession in which a knowledge of the mathematical and natural sciences gained by study, experience, and practice is applied with judgment to develop ways to use economically the materials and forces of nature for the benefit of mankind."

--Accreditation Board for Engineering & Technology

## Career areas:

- Aeronautical and Aerospace Engineering
- Acoustical Engineering
- Agricultural and Biological Engineering
- Biomedical Engineering and Bio-Technology
- Chemical Engineering
- Civil Engineering and Construction; Engineering for Natural Hazards
- Computer Hardware Engineering
- Computer Science, Artificial Intelligence, Human-Machine Interfaces, Cryptology and Cyber-Security, Simulation and Modeling, and Data Science/Infomatics
- Electrical Engineering
- Electronics and Avionics Engineering
- Engineering Management
- Environmental, Conservation and Natural Resource Engineering
- Ergonomics and Human Factors Engineering
- Geomatics
- Industrial Engineering
- Manufacturing Engineering and Technology
- Materials Science and Metallurgy
- Mechanical Engineering
- Nano Engineering
- Nuclear Engineering
- Ocean and Marine Systems
- Optical Engineering
- Power Systems Engineering
- Process Engineering
- Robotics and Mechatronics
- Sustainability Engineering
- Systems Engineering and Architecting
- Thermal Engineering
- Engineering Support Functions: Business and Finance, Education and Training, Facilities, Graphic Arts, Intellectual Property Law, Legislative and International Affairs, Multi-Media Communications, Safety, Security...



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