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Aerospace engineering is the primary field of engineering concerned with the development of aircraft and spacecraft. It has two major and overlapping branches: aeronautical engineering and astronautical engineering. Avionics engineering is similar, but deals with the electronics side of aerospace engineering. "Aeronautical engineering" was the original term for the field. As flight technology advanced to include vehicles operating in outer space, the broader term "aerospace engineering" has come

[Aerospace engineering - Wikipedia](#)

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Aeronautical engineering in Ireland involves the exciting challenge of designing and developing machines that can fly. The Aeronautical engineering in Ireland team is responsible for the creation of newer, safer and more energy-efficient, economical methods for travel including airplanes, helicopters, missiles, satellites and spacecraft.

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Still relevant decades after its initial publication, this legendary reference text on aircraft stress analysis is considered the best book on the subject. It emphasizes basic structural theory, which remains unchanged with the development of new materials and construction methods, and the application of elementary principles of mechanics to analysis of aircraft structures. 1950 edition.

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