

## SPACECRAFT STRUCTURES AND MECHANISMS

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CdS INGEGNERIA AEROSPAZIALE  
Codice 666II  
CFU 12

Moduli	Settore	Tipo	Ore	Docente/i
SPACECRAFT STRUCTURES AND MECHANISMS	ING-IND/04	LEZIONI	120	MARIO ROSARIO CHIARELLI

Obiettivi di apprendimento

*Modalità di verifica delle capacità*

Prerequisiti per studi successivi

knowledge on stress analysis methodology and verification procedures  
knowledge on kinematics and dynamics of discrete and continuous systems  
knowledge on dynamics of mechanical systems (discrete and continuous)  
knowledge on random analyses (stresses, acoustics and/or random vibrations)  
basic knowledge and practical use of a commercial Finite Element software/or code  
basic knowledge for the preliminary design of a spacecraft  
basic knowledge of standard codes and/or rules for the preliminary design of a spacecraft

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