



UNIVERSITÀ DI PISA

SPACECRAFT STRUCTURES AND MECHANISMS

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CdS INGEGNERIA AEROSPAZIALE
Codice 666II
CFU 12

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