Last update: 19-04-2018

220306 - Aerospace Vehicles

Coordinating unit: 205 - ESEIAAT - Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 220 - ETSEIAT - Terrassa School of Industrial and Aeronautical Engineering
Academic year: 2018
Degree: MASTER'S DEGREE IN AERONAUTICAL ENGINEERING (Syllabus 2014). (Teaching unit Compulsory)
ECTS credits: 7,5 Teaching languages: Catalan, Spanish

Teaching staff

Coordinator:

Learning objectives of the subject

Study load

Total learning time: 187h 30m	Hours large group:	45h	24.00%
	Hours small group:	22h 30m	12.00%
	Self study:	120h	64.00%

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Content

title english	Learning time: 50h Theory classes: 12h Laboratory classes: 6h Self study : 32h
Description: content english	

title english	Learning time: 50h Theory classes: 12h Laboratory classes: 6h Self study : 32h
Description: content english	

title english	Learning time: 12h 30m Theory classes: 3h Laboratory classes: 1h 30m Self study : 8h
Description: content english	

title english	Learning time: 37h 30m Theory classes: 9h Laboratory classes: 4h 30m Self study : 24h
Description: content english	

Last update: 19-04-2018

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title english	Learning time: 37h 30m Theory classes: 9h Laboratory classes: 4h 30m Self study : 24h
Description: content english	

Bibliography

Basic:

Fung, Y. C. An introduction to the theory of aeroelasticity. Mineola, NY: Dover Publications, 2008. ISBN 9780486469362.

Hughes, Thomas J. R. The finite element method: linear static and dynamic finite element analysis. Mineola, NY: Dover Publications, 1987. ISBN 0486411818.

Lombardo, David A. Aircraft systems. 2nd ed. New York: McGraw-Hill, 1999. ISBN 0070386056.