



Course guide

2400304 - 240MAU15 - Product Planning

Last modified: 19/06/2026

Unit in charge: Barcelona School of Industrial Engineering
Teaching unit: 712 - EM - Department of Mechanical Engineering.

Degree: MASTER'S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2026). (Compulsory subject).

Academic year: 2026 **ECTS Credits:** 2.5 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: Laia Ferrer Martí
Lluís Roger i Casals

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

CEAU 2. (ENG) Explicar les bases de la indústria de l'automoció, el seu contexte econòmic i legislatiu, així com la seva evolució.
CEAU11. (ENG) Planificar, portar un seguiment i controlar el desenvolupament de productes, aplicant coneixements d'electricitat, electrònica i els sistemes d'emmagatzematge d'energia.
CEAU16. (ENG) Analitzar la viabilitat econòmica d'un projecte d'Enginyeria en Automoció.

Generical:

CGAU 4. Be able to conduct research, development and innovation in relation to automotive technology.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

To prepare students for a knowledge of automotive market and for vehicle configuration and automotive trends

STUDY LOAD

Type	Hours	Percentage
Self study	40,0	64.00
Hours large group	15,0	24.00
Hours small group	7,5	12.00

Total learning time: 62.5 h



CONTENTS

title english

Description:

content english

Full-or-part-time: 12h

Theory classes: 3h

Practical classes: 1h

Self study : 8h

title english

Description:

content english

Full-or-part-time: 14h

Theory classes: 4h

Practical classes: 2h

Self study : 8h

title english

Description:

content english

Full-or-part-time: 13h

Theory classes: 4h

Practical classes: 1h

Self study : 8h

title english

Description:

content english

Full-or-part-time: 13h

Theory classes: 4h

Practical classes: 1h

Self study : 8h

title english

Description:

content english

Full-or-part-time: 11h

Theory classes: 2h

Practical classes: 1h

Self study : 8h



title english

Description:

content english

Full-or-part-time: 11h

Theory classes: 2h

Practical classes: 1h

Self study : 8h

GRADING SYSTEM