

Faculty of Engineering and Computing

Erasmus Modules Catalogue

*Courses on which Erasmus modules are a **CORE OPTION***

Aerospace Systems Engineering
Aerospace Technology
Automotive Engineering
Aviation Management
Building Services Engineering
Building Surveying
Business Information Technology
Civil Engineering
Computer Hardware and Software
Construction Management
Electrical and Electronic Engineering
Electronic Engineering
Engineering Business Management
Ethical Hacking and Network Security
Games Technology
General Engineering
Informatics
International Engineering Business Management
Mechanical Engineering
Motorsport Engineering
Multimedia Computing
Quantity Surveying and Commercial Management

ECU 186 Engineering and Computing modules

Code	Module Title	CATS
310EMM	Lean Manufacturing	20.0
201MS	Engineering Mathematics 2	20.0
305MED	Computer Aided Engineering	20.0
306CDE	Aerospace Control Systems	20.0
306MED	Chassis Engineering	20.0
306SE	Control and Instrumentation 2	20.0
307MED	Vehicle Thermal Systems and Aerodynamics	20.0
308EKM	Inventory and Distribution Management	20.0
308MED	Intelligent Transport Systems	20.0
305EMM	Total Quality Management	20.0
310CAB	Engineering Analysis 3A	20.0
305CDE	Developing the Modern web 2	20.0
310SE	Advanced Digital Systems	20.0
311CAB	Structural Analysis	20.0
311MED	Concept and Detail Design	20.0
312CAB	Geotechnics	20.0
312MED	Vehicle Structures and Advanced Materials	20.0
313CAB	Hydraulics	20.0
313MED	Noise Vibration and Harshness	20.0

313SE	Avionics Systems II	20.0
314CAB	Transport Infrastructure	20.0
308SE	Object Oriented Software	20.0
301MED	Product Innovation	20.0
205CDE	Developing the Modern Web 1	20.0
205MED	CADCAM	20.0
220CT	Data and Information Retrieval	20.0
246COM	Computer Simulation	20.0
290COM	Technology and its Social, Legal and Ethical Context	10.0
300CAB	Integrated Projects 3	20.0
300COM	Individual Project (Mechatronic)	20.0
301CAB	Individual Project	30.0
305KM	Business Simulation	20.0
301EKM	Manufacturing Simulation	20.0
315SE	Aerospace Industry Studies	20.0
302EKM	Project Management by Distance Learning	20.0
302SE	Aerospace Applications	20.0
303EKM	Project Management	20.0
303MED	Solid Mechanics	20.0
304CDE	Communication Systems 2	20.0
304CR	Games and AI	20.0
304KM	Information Technology and Global Development	20.0
304MED	Thermofluid Dynamics	20.0
304SE	Power Systems	20.0
301CDE	Advanced Electronics	20.0
371CAB	Building Surveying Practice 3	20.0
352EM	Marketing	10.0
352MAE	Advanced Materials and Reliability	20.0
353EM	Strategic Management and Leadership in Technology	20.0
354EM	Humanitarian Engineering	20.0
355EM	Supply Chain Management	10.0
356EM	Manufacturing Process Improvement	20.0
357EM	Manufacturing Technologies	10.0
360CT	Advanced Network Management and Design	20.0
314SE	Aerospace Technology II	20.0
370CT	Concurrent and Real-time System Design	20.0
345CT	Ethical Hacking 2	20.0
373CAB	Construction Finance	20.0
374CAB	Construction Management Studies	20.0
375CAB	Commercial Management	20.0
387COM	Mobile Applications Development	20.0
389COM	Open-Source Development	20.0
390DEL	Advanced Business English for International Students	20.0
392EKM	Aviation Strategy and Planning	20.0
394BE	Cultural Context 3	20.0
399BE	Comprehensive Design 3	60.0

363BE	PROJECT (CEng)	20.0
321MED	Advanced Vehicle Technology – Motorcycle Chassis Engineering	20.0
399MED	Individual Project	20.0
316CAB	Timber and Masonry Structure	20.0
316SE	Aerospace Systems Design	20.0
317CAB	Advanced Surveying	20.0
317SE	Propulsion Systems and Aerodynamics	20.0
319MED	Advanced Development Engineering	20.0
320CT	Distributed Applications Development	20.0
320EKM	Project (20 credits)	20.0
320EMM	Cross Functional New product development strategies	20.0
351EM	Engineering project management	20.0
321COM	Rapid Application Development	20.0
350CT	Systems Security	20.0
324MAE	Individual project	20.0
325MED	Advanced Design for performance engineering	20.0
326MAE	Stress and Dynamic Analysis 1	20.0
326MSE	Advanced Control Systems	20.0
330CT	Advanced Computer Architecture	20.0
330EKM	Project (30 credits)	30.0
330MAE	Automotive Engines and Vehicle Aerodynamics	20.0
340CT	Software Quality and Process Management	20.0
315CAB	Steel and Concrete Structures	20.0
320MED	Advanced Vehicle Technology- Automotive Chassis Eng	20.0