

MECHANICAL ENGINEERING - BACHELOR'S DEGREE	C	H
DISCIPLINE		
MODULE I - ACADEMIC INITIATION		
PORTUGUESE: LANGUAGE AND COMMUNICATION*	4	80
ECONOMIC AND ENVIRONMENTAL ENGINEERING	4	80
PHYSICS -MECHANICS	4	80
DESCRIPTIVE GEOMETRY AND TECHNICAL DRAWING	4	80
GENERAL CHEMISTRY	4	80
MODULE II - FUNDAMENTALS OF ENGINEERING		
CALCULUS - LIMITS AND DERIVATIVES	4	80
MATERIALS SCIENCE	4	80
PHYSICS - ELECTROMAGNETISM	4	80
ANALYTICAL GEOMETRY AND LINEAR ALGEBRA	4	80
PARAMETRIC DIGITAL MODELING	4	80
MODULE III - REACTION MECHANISMS		
STRUCTURAL ANALYSIS	4	80
CALCULUS - INTEGRALS	4	80
STATISTICAL METHODS	4	80
METROLOGY AND INSTRUMENTATION	4	80
INTEGRATIVE PROJECT I - REMOTE LABORATORIES OF INNOVATION AND TECHNOLOGY	4	80
MODULE IV- TRANSFORMATIONS APPLIED TO ENGINEERING		
STRUCTURAL ANALYSIS II	4	80
CALCULUS - SERIES, EQUATIONS AND VECTOR CALCULUS	4	80
MECHANICAL MATERIALS	4	80
NUMERICAL METHODS	4	80
THERMODYNAMICS	4	80
MODULE V - INNOVATION AND TECHNOLOGY		
STRUCTURAL ANALYSIS III	4	80
RIGID BODY DYNAMICS	4	80
FLUID MECHANICS	4	80
INTEGRATIVE PROJECT II - EFFICIENCY	4	80
CONTEMPORARY GLOBAL ISSUES*	4	80
MODULE VI - TECHNICAL ELEMENTS OF MECHANICAL ENGINEERING		
AUTOMATION AND ROBOTICS	4	80
CIRCUIT ANALYSIS	4	80
MECHANISMS	4	80
HEAT AND MASS TRANSFER	4	80
MECHANICAL VIBRATIONS	4	80
MODULE VII - MANUFACTURING PROCESSES		
CONFORMATION	4	80
PROJECT MANAGEMENT*	4	80
WELDING AND SMELTING	4	80
MACHINING	4	80
MODULE VIII - SKILL INTEGRATION		
MACHINE ELEMENTS	4	80
FLUID MACHINERY	4	80
INTEGRATIVE PROJECT III: MECHANICAL ENGINEERING PROJECT	4	80
REFRIGERATION AND ACCLIMATIZATION	4	80
MODULE IX - PROFESSIONAL PRACTICE		
SUPERVISED INTERNSHIP	8	160
RECIPROCATING ENGINE AND THERMAL MACHINES	4	80
OPTIONAL DISCIPLINE	4	80

Credenciamento: Portaria N° 597/2017 de 05/05/2017, DOU de 08/05/2017

HYDRAULIC AND PNEUMATIC SYSTEMS	4	80
MODULE X - FINAL PAPER		
ENTREPRENEURIAL EXPERIENCE*	4	80
FINAL PAPER	4	80