Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ING223	Engineering Mechanics	4	3	0	0	3	4

Prerequisites	
Admission Requirements	

Language of Instruction	French
Course Type	Elective
Course Level	Bachelor Degree
Objective	To provide students with a clear and thorough presentation of the theory and applications of engineering mechanics.
Content	
References	

Theory Topics

Week	Weekly Contents
1	General Principle, Force Vectors
2	Force Vectors
3	Equilibrium of a Particle
4	Force System Resultants
5	Equilibrium of a Rigid Body
6	Equilibrium of a Rigid Body
7	Midterm Exam 1
8	Structural systems
9	Internal Forces
10	Friction
11	Center of Gravity and Centroid
12	Moments of Inertia
13	Sample Problems and Solutions
14	Sample Problems and Solutions