

## Semester 2 Mechanical Construction Engineering Modules for 2020/2021

Subject	Module Code	Module Name	Level	UK Credits	ECTS	Prerequisites
Civil Engineering	KB5024	Structural Design	5	20	10	Previous attendance at KB5021 Structural Analysis or equivalent at home institution required
Construction Engineering Management	KB5022	Construction Project Management and Digital Engineering 1.	5	20	10	
Construction Engineering Management	KB5027	Health, Safety and Welfare in Construction	5	20	10	
Construction Engineering Management	KB5028	Commercial Management	5	20	10	
Mechanical and Architectural Engineering	KB5010	Thermal Conditioning Systems 2	5	20	10	
Mechanical and Architectural Engineering	KB5011	Electrical and Lighting Systems	5	20	10	
Mechanical Engineering	KB5005	Fluid Systems	5	20	10	Level 5 fluids- Previous knowledge of basic fluid mechanics required
Mechanical Engineering	KB5006	Manufacturing Technology	5	20	10	
Mechanical Engineering	KB6007	Advanced Manufacturing Systems	6	20	10	Level 6 manufacturing knowledge required
Mechanical Engineering	KB6009	Mechanical Design and Analysis	6	20	10	Level 6 design/mechanics knowledge required
Mechanical Engineering	KB5008	Mechanical and Structural Systems 2	5	20	10	Level 5 mechanics (dynamics) - Previous knowledge of basic particle dynamics and basic vector algebra required