

Current Mechanical and Aerospace Programmes

	Year One			
	15	15	15	15
Semeter 1	Fluids	Stream Specific Motivator Module	Design	Maths and Computing I
Semester 2	Statics	Dynamics	Thermodynamics	Maths and Computing II
	Year Two			
	15	15	15	15
Semester 3	Stream Specific Module	Vector Calculus	Design	Instrumentation
Semester 4	Stream Specific Module	Statics	Design	Control
	Year Three			
	15	15	15	15
Semester 5	Individual Project	Stream Specific Module	Materials & Design	Comp Solids and Fluids
Semester 6		Stream Specific Elective	Stream Specific Elective	Stream Specific Elective
	Year Four			
	15	15	15	15
Semester 7	Group Project		Stream Specific Elective	Stream Specific Elective
Semester 8			Stream Specific Elective	Stream Specific Elective

Points for Discussion

From the point of view of a potential employer of our graduates, how important are the following in a degree programme?

1. Management

- What general management skills or knowledge should graduates have?
- What project management skills?
- Are interested in students learning the “theory” of management and management techniques, or simply gaining experience in managing?

Specific Question

Is there any appetite for Engineering Management degrees? (And would these need to be accredited?)

2. Project Work

- What would you like students to learn from individual projects?
- What would you like students to learn from group projects?
- Are projects with a research (rather than industrial) focus of benefit?

Specific Question

Are you aware of any innovative models of project work in your graduate training or at other universities that we should consider adopting?

3. Accreditation

- Is accreditation necessary?
- What proportion of your engineering graduate recruits have non accredited degrees?

Specific Question

If you accept graduates from non-accredited degrees what other factors influence your choice to recruit them? (Grade:1st or 2:1; work experience etc.)

4. Other factors

- What transferable (non-engineering) skills would improve a graduate's employability?
List in order of priority.
- Do you want generalists or specialists?
- What are the comparative benefits of MEng and MSc Degrees?