The University Of Sheffield.

Electronic & Electrical Engineering.

EEE6604 MSC(RES) RESEARCH PROJECT

Credits: 90

Course Description including Aims
This unit aims to provide a structured individual project to enable the student to carry out practical and/or theoretical work which underpins his/her academic studies and allows for the acquisition and demonstration of a wide range of practical skills.

Outline Syllabus
Individual investigative research project.

Time Allocation
18 weeks full time (approximately 720 hours) in the lab and in report writing.

Recommended Previous Knowledge
All courses studied as part of the MSc(Res) relevant to the particular project.

Assessment
Continuous assessment. Submission of a project report and a combined oral/poster presentation and viva examination in September.

Objectives
At the end of the project, successful students will have:-

1. A detailed appreciation of the methodology of application of science or engineering principles to the solution of problems or to the realisation of systems in a topic related to the subject of the MSc(Res) degree.
2. Experience of the effective collection and interpretation of data to evaluate physical principles, making conclusions and developing their own work based on them.
3. The ability effectively to communicate complex technical ideas both orally and in writing.
4. An extensive awareness of the state of the art as portrayed in the literature in the general area of their project.
5. Experience of working at the forefront of knowledge.
6. The experience of project management, record keeping, technical planning and time scheduling.