EngD Programme Structure

Centre for Doctoral Training:
To Advance the Deployment of Future Mobility Technologies

**Year 1**
- Initial cohort building and initial taught modules – delivered at Warwick
- Design and development of industrial research with Industrial Partner(s)
- Taught Modules at Warwick
- Attendance at stream specific annual conferences
- CDT Cohort annual conference
- Annual review with industrial supervisor/university mentor

**Year 2 / 3**
- With sponsoring industrial partner(s) - Industrial research
- Taught Modules at Warwick
- Attendance at stream specific annual conferences
- CDT Cohort annual conference
- Annual review with industrial supervisor/university mentor

**Year 4**
- With sponsoring industrial partner(s) - Industrial research
- Taught Modules at Warwick
- Attendance at stream specific annual conferences
- CDT Cohort annual conference
- Research portfolio submission
- Final Examination

**TAUGHT MODULES DETAILS:**
- Number of taught modules will depend on prior qualifications and experience
- Students will select modules from the Engineering and Manufacturing MSc programmes, example modules shown below.
- All students will complete a compulsory cohort project in Year 1, based on a real world industrial problem.
- All students will study for the Postgraduate certificate in Transferrable Skills in Science in years 2-4, which includes modules on research skills, business, ethics, social responsibility and policy.
- Industrial sponsors and relevant external partners will deliver specific training and illustrative lectures throughout the programme.

**STREAM 1: Wide Bandgap Power Electronics**
- Example modules:
  - Power Electronic Converters and Devices
  - Advanced Power Electronic Converters and Devices
  - Electrical Machines and Drives
  - Operation and Control of Power Systems
  - Advanced Control

**STREAM 2: Connected and Autonomous Vehicles**
- Example modules:
  - Automotive sensors and sensor fusion
  - Network and Communications for Connected Car
  - Machine Intelligence and Data Science
  - Human Technology Interaction
  - Robust Automotive Embedded Systems