

Basic details

UID		Cohorts covered	Earliest cohort
Long title	Electrical Engineering Industrial Placement		
New code	ELEC60016	New short title	IP1
Brief description of module (approx. 600 chars.)	Your placement requires integration of a range of technical skills that may include specification writing, data analysis, software design and hardware design. It also requires writing and monitoring of a project plan, presentation of progress reports, a formal presentation and a final report. In addition, you will learn to reflect and develop your team working skills, your communication with technical and non-technical audiences, as well as to be able to adopt an inclusive approach to engineering practice and recognise the importance of supporting equality, diversity and inclusion.		
Available as a standalone module/ short course?	No		

Statutory details

Credit value	ECTS 20	CATS 40	Non-credit N	HECOS codes
FHEQ level	L6			

Allocation of study hours

	Hours	
Lectures	4	
Group teaching	2	<i>Incl. seminars, tutorials, problem classes.</i>
Lab/ practical	0	
Other scheduled	0	<i>Incl. project supervision, fieldwork, external visits.</i>
Independent study	0	<i>Incl. wider reading/ practice, follow-up work, completion of assess</i>
Placement	494	<i>Incl. work-based learning and study that occurs overseas.</i>
Total hours	500	
ECTS ratio	25.00	

Project/placement activity

Is placement activity allowed?	Yes
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Module delivery

Delivery mode	Placement	Other	
Delivery term		Other	Term 3 & Term 4 (Late Summer)

Ownership

Primary department	Department of Electrical and Electronic Engineering
Additional teaching	0

departments

Delivery campus **South Kensington**

Collaborative delivery

Collaborative delivery? **0**

External institution
External department
External campus

Associated staff

Role	CID	Given name	Surname
Module leader		Prabhav	Reddy
Module support		Kate	Farrar
		0	0
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		0	0
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Learning and teaching

Module description

Learning outcomes

Upon successful completion of this module you will be able to:

1. critically analyse the requirements of an employer in a certain engineering related industry.
2. operate in a professional manner in an industrial setting.
3. summarise your work and critically analyse its impact on the business
4. criticise current practices and suggest alternative solutions that are ethically and economically responsible
5. make informed decisions on the direction of your future career.
6. adopt an inclusive approach to engineering practice and recognise the responsibilities, benefits and importance of supporting equality, diversity and inclusion;
7. apply knowledge of engineering management principles, commercial context, project and change management, and relevant legal matters including intellectual property rights;
8. function effectively as an individual, and as a member or leader of a team. Evaluate effectiveness of own and team performance;
9. communicate effectively on complex engineering matters with technical and non-technical audiences, evaluating the effectiveness of the methods used

Module content <https://www.imperial.ac.uk/electrical-engineering/study/current-students-course-handbook/meng-industrial-placements-elec60016/>

Learning and Teaching Approach Networking sessions with industry, Careers Service and the EDU to support CV writing and finding a placement.

Assessment Strategy	Interim report: A report detailing 1. The structure and context of placement (L1) 2. Your technical, non-technical and personal goals. (L2, L3, L4, L5) 4. Reflect on the culture of the company and how it has affected how you work and behaviour. (L6, L7) 5. Reflect how you function effectively as an individual and in a team (L8) 6. How you communicate on complex engineering matters with technical and non technical audience (L9) Final Report: The final report consists of 2 parts Part 1: Technical Work Elaborate on an example of how and where you have applied your technical skills to provide a solution (L1, L3, L4, L7) Part 2: Professional Behaviour Reflect on: 1. how you have operated in a professional manner (L2), 2. how you have adopted an inclusive engineering practice (L6), 3. how has the placement experience affected your future career decisions (L5) 4. how you have performed as an individual and as a member of a team (L8) Exhibition material Present a summary of your placement (using the webpage template provided to you). The summary must be accessible to a non-technical audience (L9). Formative feedback is given in conjunction with: 1.The interim report 2.The academic visit by your College placement supervisor An in-session resit (July-September) of this module is not possible. If the
Feedback	You will receive oral feedback through meetings with your academic supervisor, as well written feedback on your reports.
Reading list	0

Quality assurance

Date of first approval	
Date of last revision	January 2026
Date of this approval	

Office use only

QA Lead	
Department staff	
Date of collection	

Module leader Prabhav Reddy

Date exported	
Date imported	

Notes/ comments

Assessment details

Grading method	Pass/Fail
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Pass mark

100%

Assessments

[illegible]

100%