

KINGSTON UNIVERSITY

Faculty of Engineering / The Enterprise Exchange

LEARNING AGREEMENT

AWARD TITLE: MSC PROFESSIONAL ENGINEERING

Section 1

This form outlines a learning agreement which expresses the nature and content of the programme of learning you wish to undertake, its relationship to any prior learning claims you are making and the credit you will be awarded towards a qualification. It forms the agreement between you and Kingston University but it may be re-negotiated if necessary at any stage. **You are asked to check carefully the information on this form and then to sign it.**

Name: Candidate Name	Registration Number: #####
Home Address:	Work Address: Company Name
Home Tel:	Work Tel:
Home Fax:	Work Fax:
Home email:	Work email:

I accept the learning agreement set out below and agree to abide by the regulations.	
Signature of Candidate:	Date:
Counter-Signature of University:	Date:
Checked by:	Date:

Section 2

Candidate: Candidate Name

Award: MSc Professional Engineering

Project Title:

The Company: Company Name

Insert Company Profile here

The Candidate:

Insert candidate profile here

Aim of the Master's Programme:

Today's would-be Chartered Engineers are expected to hold an appropriate Masters Level qualification. They must also have undergone a period of professional development, a time when they learn to apply their knowledge, understanding and judgement. Anyone completing an MSc Professional Engineering programme is able to satisfy both of these key requirements. Thus the aim of the programme is to acquire the competencies demanded by UK-SPEC, identified by the Personal Development Audit.

Proposal for the Master's programme

The candidate will perform the tasks outlined in Section 3 of this Agreement.

Award : MSc Professional Engineering

Overall aims of programme of studies:

The provision of underpinning knowledge and the demonstration of engineering competence sufficient to lead to registration as a Chartered Engineer.

Programme of Work:

Phase 1 **Professional Development Audit (Entry Gateway)**

- Reflective analysis of existing skills and experience
- Needs analysis of QAA M-Level and UK-SPEC competences
- Negotiation of strategically important work activity to deliver learning contract goals
- Generation and presentation of Learning Contract

Phase 2 **Strategically Important Work Focused Activity**

- A series of work projects and learning goals
- Development of additional knowledge, skills and competences
- Generation of goal achievement evidence

Phase 3 **Reflective Summary (Exit Gateway)**

- A paper of publishable quality.
- Reflective analysis of completed learning contract.
- Critical evaluation of activities performance.
- A Viva Voce

SUPERVISORS AND ASSESSORS

Academic Supervisor: Name of Supervisor	Work Tel:
Work Address: Roehampton Vale Campus Faculty of Engineering Kingston University Friars Avenue Roehampton Vale London SW15 3DW	
Industrial Mentor: Not Applicable	Work Tel:
Work Address:	
Facilitator Name: Mike Hope	
Assessor Name: Assessor	
Professional Supervisor: Martin Penn	Work Tel:
email Address: martin.penn@kingston.ac.uk	

Section 5 SUMMARY OF LEARNING AGREEMENT

TO BE CONSIDERED IN CONJUNCTION WITH THE STUDENT GUIDANCE NOTES & THE LEARNING OUTCOMES RECORD WITHIN THIS DOCUMENT.

Candidate: Candidate Name

Award: MSc Professional Engineering

Goal	Learning Outcomes Summary	M Level Credits	Start Date*	Complete Date*	Assess Date*	Letter Grade
A	Knowledge and understanding of own skills and competence level, and the learning and development needed to reach Chartered Engineer status	15 (L6)				
B	TBD	## (L7)				
C	TBD	## (L7)				
D	TBD	## (L7)				
E	TBD	## (L7)				
F	TBD	## (L7)				
G	Gain detailed knowledge of evaluating the project outcomes, analysing the contribution of each Learning Goal to the achievement of project objectives.	40 (L7)				

Note: Total credits (including APL) must sum to 180. No more than 45 credits may be at level 3.

Section 6 LEARNING OUTCOMES RECORD

The Assessment Criteria in the Learning Outcomes Record for each Goal are specific to your programme of work. They incorporate the University's criteria for the characteristics of learning expected in a Master's degree. The University criteria apply to both taught **and** work-based programmes. It is vital that your work demonstrates evidence of these characteristics, as well as complying with the particular Assessment Criteria specified for each Learning Outcome.

Operational Context:

The context of the learning will have the following characteristics:

- It should be complex with elements of unpredictability, demanding innovative work which may involve exploring the current limits of knowledge (either theoretical or applied)
- a high level of responsibility for self and possibly for others
- an awareness of ethical dilemmas likely to arise in research/professional practice

Cognitive/Intellectual Skills (generic)

The learner will demonstrate:

- depth of knowledge in a complex and specialised area and/or a considerable breadth of knowledge across specialised and applied areas
- an ability to deal with complexity, lacunae and contradictions in a complex knowledge base using appropriate methods
- independent evaluation of alternative approaches (including their own) together with the ability to report this accurately
- a confident response to problems by autonomously synthesising information/ideas to provide solutions

Key/Transferable Skills (generic)

The learner will demonstrate:

- engagement with a critical community, including reflection on own and others' practice
- the ability to work with and within a group towards defined outcomes and to take the role of recognised leader or consultant
- the ability to motivate others and to negotiate conflict effectively
- the ability to engage in full professional and academic communication with peers

LEARNING OUTCOMES RECORD To be considered in conjunction with the Student Guidance Notes

* Unless otherwise stated, work-based documents may be of any length providing they indicate Master’s level of presentation and content.

Candidate: Candidate Name

Award: MSc Professional Engineering

Goal & Credit Value	Learning Outcomes	Activities	Assessment Criteria	Mode of Assessment
A 15 Level 6	<p>On completion of Learning Goal A, the candidate will be able to:</p> <p>Understand the requirements of QAA M-Level and UK-SPEC competences.</p> <p>Identify their competence shortfalls against the requirements of UK-SPEC.</p> <p>Develop and evaluate a “continuous professional development” programme.</p>	<p>Research the requirements of QAA M-Level and UK-SPEC.</p> <p>Reflect on their existing knowledge, competences and skills then generate evidence of achievement.</p> <p>Evaluate work-based opportunities for a series of strategically important learning goals.</p> <p>Negotiation of a Learning Agreement.</p>	<p>The candidate must demonstrate the ability to:</p> <p>Critically analyse their own skills and experience.</p> <p>Negotiate a complex programme.</p> <p>Plan a complex programme of activities.</p>	<p>The delivery of an agreed “Learning Agreement” which meets the needs of all stakeholders.</p> <p>A reflective CV which evaluates competence development to date.</p> <p>A competence development plan which demonstrates how and where competences will be evidenced within the completed Learning Agreement.</p>

Resources Required	Supervisor(s)	Assessor(s)
NA	Name of Supervisor	Assessor

LEARNING OUTCOMES RECORD To be considered in conjunction with the **Student Guidance Notes**

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Candidate: Candidate Name

Award: MSc Professional Engineering

Goal & Credit Value	Learning Outcomes	Activities	Assessment Criteria	Mode of Assessment
B ## Level 7	TBD			

Resources Required	Supervisor(s)	Assessor(s)
NA	Name of Supervisor	Assessor

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Candidate: Candidate Name

Award: MSc Professional Engineering

Goal & Credit Value	Learning Outcomes	Activities	Assessment Criteria	Mode of Assessment
C ## Level 7	TBD			

Resources Required	Supervisor(s)	Assessor(s)
NA	Name of Supervisor	Assessor

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Candidate: Candidate Name

Award: MSc Professional Engineering

Goal & Credit Value	Learning Outcomes	Activities	Assessment Criteria	Mode of Assessment
D ## Level 7	TBD			

Resources Required	Supervisor(s)	Assessor(s)
NA	Name of Supervisor	Assessor

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Candidate: Candidate Name

Award: MSc Professional Engineering

Goal & Credit Value	Learning Outcomes	Activities	Assessment Criteria	Mode of Assessment
E ## Level 7	TBD			

Resources Required	Supervisor(s)	Assessor(s)
NA	Name of Supervisor	Assessor

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Candidate: Candidate Name

Award: MSc Professional Engineering

Goal & Credit Value	Learning Outcomes	Activities	Assessment Criteria	Mode of Assessment
F ## Level 7	TBD			

Resources Required	Supervisor(s)	Assessor(s)
NA	Name of Supervisor	Assessor

LEARNING OUTCOMES RECORD To be considered in conjunction with the **Student Guidance Notes**

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Candidate: Candidate Name

Award: MSc Professional Engineering

Goal & Credit Value	Learning Outcomes	Activities	Assessment Criteria	Mode of Assessment
G ## Level 7	<p>On completion of Learning Goal G, the candidate will be able to:</p> <p>Independently undertake a technically challenging engineering research project, carrying out a rigorous process of investigation and analysis as appropriate to the subject matter</p> <p>and then</p> <p>critically evaluate and present key project outcomes for an audience of academic and professional peers.</p>		<p>The candidate must:</p> <p>demonstrate ability to engage with a critical community, reflecting on and critically evaluating own and other’s work</p> <p>and</p> <p>demonstrate ability to synthesise information / ideas to reach key conclusions</p> <p>and</p> <p>provide work that is consistent with academic conventions and appropriately referenced throughout.</p>	<p>A 10,000 word dissertation report.</p> <p>A presentation and viva to an engineering audience of peers and assessors.</p>

Resources Required	Supervisor(s)	Assessor(s)
NA	Name of Supervisor	Assessor