University of Suffolk

DEFINITIVE COURSE RECORD

Course Title	**BEng (Hons) Operations Engineering [progression route]**
Awarding Bodies	**University of Suffolk**
Level of Award[1]	**FHEQ Level 6**
Professional, Statutory and Regulatory Bodies Recognition	**None**
Credit Structure[2]	**Level 6: 120 Credits**
Mode of Attendance	**Full-time and part-time**
Standard Length of	

skills in analytical methods, plant and process principles, project management, engineering science and programmable logic controllers.

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19. Effectively develop an appropriate honours project which is relevant to operational engineering, utilising skills and theories learnt in the execution of the project within a suitable time scale.

Key Skills

20. Communicate effectively, verbally and/or non-verbally with a wide range of individuals using a variety of means.

21. Evaluate own academic, professional and design performance, taking responsibility for personal and professional learning and development, understanding career opportunities and challenges ahead and beginning to plan a career path.

22. Utilise problem-solving skills and analytical methods in a variety of theoretical and practical situations to produce solutions to familiar and unfamiliar problems.

23. Manage change effectively and respond to changing demands.

24. Be able to manage time, prioritise workloads and recognise and manage personal emotions and stress.

25. Effectively collect, manipulate and sort a variety of data, and present findings using different formats and media.

26. Demonstrate the ability to apply numerical skills and techniques appropriately.

Course Design
The design of this course has been guided by the following QAA Benchmarks:

- Engineering 2015

Course Structure
The BEng (Hons) Operations Engineering [progression route] comprises modules at level 6.

Module Specifications for each of these modules is included within the course handbook, available to students on-line at the beginning of each academic year.

	Module	Credits	Module Type[7]
Level 6			
	Turbomachinery and Power Generation	20	M
	Principles of Energy Engineering and Operations	20	M
	Mechanical Design and Failure of ComQqQ reW*nB 0 1		