## **DEFINITIVE COURSE RECORD**

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

Standard Length of

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

# **DEFINITIVE COURSEfolk**

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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 <sup>7</sup>		
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