

HE07C Person Specification

TO BE SENT TO THE STUDENT IN ADVANCE OF INTERVIEW

Course Title	Level 4 Higher National Certificate in Mechanical Engineering for England
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1.	Course Details
	<p>To be a student of TEC Partnership based at University Centre Grimsby studying Level 4 Higher National Certificate in Mechanical Engineering for England, validated by Pearson.</p> <p>The validation document which describes the programme is published on the TEC Partnership website here</p> <p>You will be required to complete eight 15-credit modules. If studied on a part-time basis you will study four 15-credit modules per year.</p>

2.	Student Activities
	<p>Complete academic work individually with guidance to answer questions and solve briefs.</p> <p>Work in diverse groups of students towards assessed work or otherwise.</p> <p>Work with computers and associated information and communication technology to communicate with others and complete assignment work.</p> <p>Attend sessions normally between 09:00 and 17:00 hours for any of the 5 days per week as specified on your timetable.</p> <p>Be available to attend industrial visits, conferences, lectures and sessions and complete work throughout the TEC Partnership Term Dates specified on the TEC Partnership website.</p> <p>To attend lectures and sessions on the specified days and maintain attendance above TEC Partnership expectations of 90%.</p> <p>Complete up to 39 hours a week work towards your qualification made up of a range of contact delivery, set work and work towards assessments.</p> <p>Have student finance or other means to pay for the course in place before enrolment.</p> <p>Take all reasonable steps to comply with the policies and procedures of TEC Partnership.</p>

3.	Objectives:
	<p>The objectives of these qualifications are to:</p> <ul style="list-style-type: none"> ● equip students with the skills, knowledge and understanding they need to achieve high performance in the engineering and manufacturing environment ● develop students with enquiring minds, who have the abilities and confidence to work across different engineering functions and to lead, manage, respond to change and tackle a range of complex engineering situations. ● provide the core skills required for a range of careers in engineering, specifically those related to electrical and electronic engineering. ● offer a balance between employability skills and the knowledge essential for students with entrepreneurial, employment or academic ambitions ● develop students' understanding of the major impact that new digital and software technologies have on the engineering environment. ● provide insight to electrical and electronic engineering operations and the opportunities and challenges presented by a global marketplace. ● equip students with knowledge and understanding of culturally diverse organisations, cross-cultural issues, diversity and values ● to allow flexible study to meet local and specialist needs.

Qualities	Specific Requirements	Where demonstrated	E	D
Qualifications and Training	Level 3 in Electrical, Mechanical or general Engineering Or Two A levels (48 UCAS points) one of which must be in a relevant subject. Or Engineering Industrial experience with GCSE in Mathematics and English (4 or above)	Application	X	
Specialist Knowledge	GCSE in Mathematics (STEM) or Maths entrance test	Interview	X	
Experience	Work in the sector on a paid or voluntary basis. Academic experience of producing essays and other assignments to desirable standard	Application and Interview		X X
Skills and Attributes	Experience in the use of numbers to analyse effectiveness of a service. Ability to persevere when faced with challenging circumstances. Manage own time to work towards multiple tasks to meet multiple deadlines. Ability to solve large and complex problems using engineering principles. Critical thinking skills. Ability to work with others at a range of tasks even where there is personal disagreement.	Interview	 X X X X	X
Other	Commitment to approximately 39 hours a week studying. Availability throughout the academic year and potentially the resit period.	Interview	X X X	

	<p>Knowledge about the use of Information Communication Technology to allow completion of an academic programme.</p> <p>Student finance applied for or appropriate payment plan in place.</p>		X	
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Qualities identified and determined by: E = Essential D = Desirable