

HE07C Person Specification

TO BE SENT TO THE STUDENT IN ADVANCE OF INTERVIEW

Course Title	FdSc Computer Software Solutions
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1.	<p>Course Details</p> <p>To be a student of TEC Partnership based at Scarborough TEC studying the course Computer Software Solutions validated by Grimsby Institute.</p> <p>The validation document which describes the programme is published on the TEC Partnership website https://scarboroughtec.ac.uk/he-course/fdsc-computer-systems-design-and-solutions-subject-to-validation/ and is version number v.1.</p> <p>Students will be required to complete a total of 240 credits in eleven modules across two years.</p>
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2.	<p>Student Activities</p> <p>Complete academic work individual with guidance to design and build solutions to solve business problems.</p> <p>Work in diverse groups of students with a collaborative spirit, with generosity of learning and respect.</p> <p>Act as a professional during the course, especially when dealing with clients, colleagues and important or sensitive data.</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 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 minimum 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>
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3.	<p>Following full engagement in the programme, and upon its successful completion, students will:</p>
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Demonstrate the application of logic and problem solving in a range of abstract and real world situations, including those different to the original context of learning, applying critical thinking and being solution-focused.

Gain knowledge and critical understanding the fundamental principles of computing, particularly with regard to programming and manipulation of data.

Analyse and respond effectively to a client brief with contextual awareness, analyse the risks and constraints, critically evaluate the appropriateness of different approaches and make a persuasive case for a chosen solution or range of options.

Specify and design a reliable, secure and usable computer-based solutions, using a range of established techniques to initiate and undertake critical analysis and design.

Construct effective solutions to a design in a variety of formats, and document them usefully.

Understand and thoroughly apply a range of test solutions and use reflective practice to evaluate in order to maintain, improve and redevelop.

Understand, critically evaluate and use a variety of design and implementation methodologies, being able to select appropriately for different scenarios.

Explore, recognise and act upon professional considerations, including economic, societal, environmental, sustainability, moral and ethical issues.

Work independently demonstrating self-management, personal responsibility and decision-making, and appreciate the limitations of their own knowledge and how that may impact the solution.

Work with others and in teams with successful project management skills, having positive interactions and effectively communicating information, arguments and analysis in a variety of forms to specialist and non-specialist audiences.

Critically evaluate emergent and future developments in computing using knowledge of the history and culture of computing.

Qualities	Specific Requirements	Where demonstrated	E	D
Qualifications and Training	<p>80 UCAS points, with a minimum of grade C/4 in GCSE or equivalent qualification in English and Maths.</p> <p>Students with non-standard entry qualifications will be assessed at interview and may be set an appropriate piece of work (an essay to test written skills, and a practical task involving logic and numeracy)</p>	<p>Application</p> <p>Interview</p>	<p>X</p> <p>X</p>	
Specialist Knowledge	<p>Competent use of computers</p> <p>A portfolio or examples of work (amateur or professional) relevant to the subject area.</p>	Interview	X	X
Experience	<p>Knowledge and skills gained from a minimum of relevant level 3 study</p> <p>and/or</p> <p>knowledge and skills gained from working in the computing industry including working with clients, systems design, databases, programming, web development or app development.</p>	Application and Interview		<p>X</p> <p>X</p>
Skills and Attributes	<p>Ability to effectively use of numbers and logic to apply to skills such as programming</p> <p>An ability to clearly communicate through written and verbal methods</p> <p>Ability to persevere when faced with challenging circumstances</p> <p>Manage own time to work towards multiple tasks to meet multiple deadlines</p> <p>Ability to solve large and complex problems using critical thinking skills, logic and creativity</p> <p>A professional attitude to computing and understanding of the importance to data</p>	Interview	<p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>	

Other	A passion for computers and using them to create solutions	Interview	X	
	Commitment to 39 hours a week studying		X	
	Availability throughout the academic year and potentially the resit period		X	
	Student finance applied for or appropriate payment plan in place		X	

Qualities identified and determined by: E = Essential D = Desirable