

Construction Management and Quantity Surveying Degree Apprenticeships – Joining Instructions

The Built Environment Course Team at Southampton Solent University are delighted to take this opportunity to welcome you to the University and hope you have a rewarding and memorable time whilst studying with us.

Before you start your course, we would like to bring your attention to the following:

Mandatory Equipment:

The following equipment is required:

- Ensure you have a **safety boots** that conform to EN ISO 20345:2011 that are S3 category - protective toecap and midsole and a water repellent upper, **construction hard hat** that conforms to BS EN 397, **builders working gloves** suitable for general handling, **high visibility vest** with reflective tape on body and shoulders and **outdoor lens safety glasses** that conforms to BS EN 166 Grade F impact lens and optical class 1. All of this is available from Screwfix or other builders or DIY merchants such as Wickes, Selco etc. and can be purchased for less than £60.



- A non-programmable GCSE level scientific calculator (and know how to use it).
- Stationary Requirements. You will need the following stationary
 1. Scale ruler (should include 1:1, 1:2, 1:5, 1:10, 1:20, 1:50, 1:100, 1:200, 1:500, 1:1000, 1:1250 and 1:2500, for example [Architects Scale Ruler](#)).
 2. Lined and plain A4 paper.
 3. Plain A3 paper.



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4. A clear pencil case (required for exams).
 5. Highlighters, HB pencils, erasers, pens, set squares, protractor, compass and pencil sharpener.
- An A3 plastic wallet folder to store print outs, completed calculation sheets, drawings etc. in.
 - A laptop or tablet. Almost all lessons will require you to access on-line content on our virtual learning environment, and it is exceptionally difficult to this on a phone. Please note that standard laptops running Microsoft programmes are more than adequate for the course and there is no requirement to purchase a MacBook. I would also recommend a wireless mouse. The university does hold a limited stock of laptops that can be borrowed should you require. There are limited power outlets in The Spark so please ensure that your laptop or tablet is fully charged prior to arriving for classes and bring a charger with you.

Preparation for the course

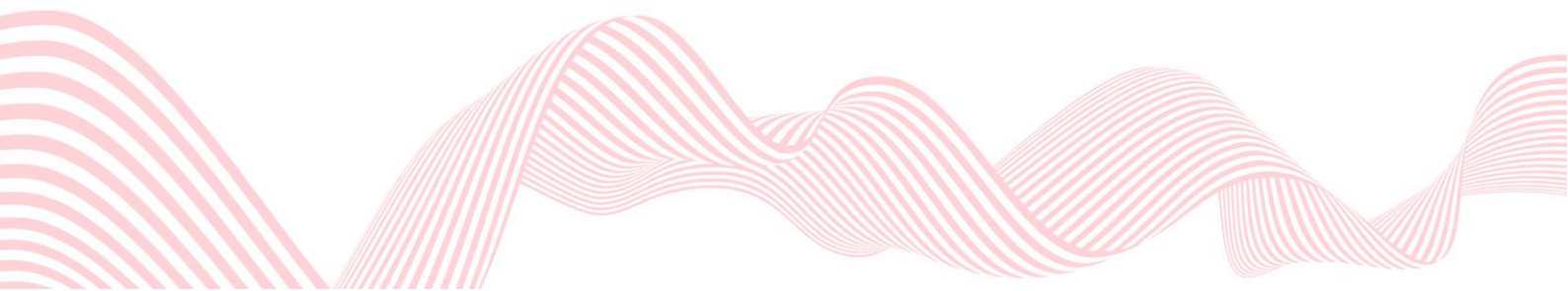
In order to be fully prepared for the course, and for you to get the most out of your time with us, we would suggest you do the following:

- Ensure you are familiar with standard word processing, presentation and spreadsheet programmes. Almost all of your assessments will be on on-line submission so this is key.
- Review and practice producing sketches of buildings or elements by hand and using a scaled ruler.
- Read the terminology on this website: <https://www.allcottassociates.co.uk/advice/building-terms/> Construction can seem an alien language and this will help you to develop your vocabulary and understand standard terms used in the industry.
- Use this resource to familiarise yourself with the current issues in the construction industry, www.ConstructionNews.co.uk. There is no need to subscribe to this as there are a lot of articles that you can access but I would recommend registering for weekly updates emailed straight to you.
- Revise mathematical skills such as area and volume, linear equations, ratio, fractions, trigonometry and Pythagoras theorem.

We look forward to meeting you in September!

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