

## Welcome

Welcome to the Colchester Institute **Professional and Technical Construction Department**

The aim of this PowerPoint is to:

- ensure **you know the team** and where you will be studying
- make you familiar with the course content and expectations
- prepare you for the academic year ahead
- give you adequate time to purchase key items for the course

## Meet the team

### Shane Steward

I am the Area Head of Engineering, Manufacturing & Construction here at the college and come primarily for an Engineering background. I have several years of industrial and educational background where I have had the pleasure to see many of the students I teach gain successful careers in the industry.

Here at the college, we have completed various projects where I have had the recent pleasure of designing and manufacturing an artistic structure with students to commemorate and mark 100 years since the end of the First World War.



## James Johnston



**I am the Course Leader for Construction and the Built Environment (Year 1)**

**My background is in architecture and technology.**

**I work part-time at Colchester Institute and continue working in the construction industry.**

**I have taught for over 15 years and look forward to passing on my knowledge and experience.**

## Michelle Box



**I am the Course Leader for Construction and the Built Environment (Year 2)**

**My background is construction and contracts management and health safety specialist in the civils and construction industry.**

**I work part time at the college teaching in both further education level 3 and higher education levels 4/5 and 6 teaching Management, Technology, Building Services and Health and Safety**

**I have taught for over 15 years and look forward to passing on my knowledge and experience to you.**

## Meet the team



PDT – Sarah Arbon

**Hi, my name is Sarah Arbon. I am a Progress & Destination Tutor (PDT) within the Campus at Colchester. I work across many different areas including Proff/Tec.**

**I have worked at the college since 2017 having previously been employed in a frontline public sector role.**

**My role is to work with Tutors in supporting you with the transition from school to college and ensuring you make the most of your time at college. Group Tutorials and 1:1's enable me to support you with the information you will need to improve your personal and life skills which improve employment opportunities.**

## What you need.....

**Whilst studying Construction and the Built Environment you will need to arrive at college with some essential equipment:**

Memory stick

Pens/Pencils/Eraser/Ruler & Scale ruler

Set squares and protractor

Casio FX85 GT (Plus/X) preferable

Notepad/A4 lined paper

A folder with dividers

## Expectations and Rewards

### What is expected of you

Punctuality

No mobile phones to be used unless specified

To wear your I D badge at all times

To be polite and respectful at all times

100 % effort

**A Professional approach to studying and learning**

### What You Get In Return

High quality teaching by professional staff.

Access to professional equipment.

Excellent classrooms and IT suites .

As much help and advice as practically possible.

**An enjoyable and rewarding two years!!!!**



# Welcome & Induction 2020

## Where you will be learning

Students studying on the Construction and Built Environment Course are based at our Colchester Campus in the West Wing, Third Floor.



**Better Careers** Begin Here



## What will you be learning

**From September 2020 Colchester Institute will be following the new BTEC level 3 National Extended Diploma in Construction and the Built Environment.**

### •Summary

- The Extended Diploma is a two-year, full-time course that meets entry requirements in its own right for learners who want to progress to higher education courses in construction areas before entering employment.
- It can also support learners who want to progress directly to employment in job roles in construction or professional construction roles and Higher Apprenticeships in the construction sector.
- BTEC Extended Diploma is equivalent to three 'A' levels

## What will you be learning

### •Course content and Units

- There are 15 Units with 9 mandatory units (in red) to be completed over two years.
- In year 1 you will complete most of the mandatory units including Unit 1 where you have a 1.5 hour exam and Unit 2 where you have a two week controlled assessment.
- Students must pass all 15 units to successfully complete the course

	UNIT TITLE	GLH	ASSESSMENT TYPE
1	Unit 1 Construction Principles	120	Exam 1.5 hours
2	Unit 2 Construction Design	120	Synoptic (12 Hours over 2 weeks)
3	Unit 3 Tendering & Estimating	120	Synoptic (12 Hours over 2 weeks)
4	Unit 4 Construction Technology	60	Internally Assessed
5	Unit 5 Health & Safety	60	Internally Assessed
6	Unit 6 Surveying	60	Internally Assessed
7	Unit 7 Graphical Detail	60	Internally Assessed
8	Unit 8 Building Regulations	60	Internally Assessed
9	Unit 9 Management	60	Internally Assessed
10	Unit 10 Building Surveying	60	Internally Assessed
11	Unit 13 Measuring Techniques	60	Internally Assessed
12	Unit 16 Work Experience in the Industry	60	Internally Assessed
13	Unit 23 Civil Engineering	60	Internally Assessed
14	Unit 24 Planning Procedures	60	Internally Assessed
15	Unit 39 House Design	60	Internally Assessed

Non mandatory units may be subject to change.  
Students must complete all 15 units over the two years

## What students do after the course

- After completing your level 3 Construction and the Built Environment course you have several options to continue your career in Construction.
- Some students will go onto university, studying specific areas of construction. (Architecture/Construction Management/Civil Engineering/Surveying etc)
- Some students go onto gain higher apprenticeships in specialist construction areas, combining further study with learning on the job.
- Some students go out into direct employment with local and national construction companies.
- Whichever path you choose we are here to help and advise.

## What students do after the course

- UCAS Points
- If you are looking to go to University you will need to understand the UCAS points system.
- For each completed unit of the course you will be awarded points depending on your grade
- Pass =70 Merit =80 Distinction =90
- These are totaled up and give you a final mark which ranges from PPP (Pass, Pass, Pass) to D\* D\* D\* (Distinction star, distinction star, distinction star)
- These are then converted into UCSAS points. (University Course entry requirements will show the required UCAS points required)

## A Deeper Insight: Via email – Construction and the Built Environment (Level 3)

If you have any questions that you would like to ask, you can email your course leader on the 1<sup>st</sup> July 2020 between 9am and 5pm. He will answer any questions that you have.

James Johnston – 1<sup>st</sup> July 2020 9-5pm

[james.johnston@colchester.ac.uk](mailto:james.johnston@colchester.ac.uk)

## What you need to do before you start

- Read through this power point
- Discuss your course with your parents/careers and friends
- Buy the essential equipment

If you have any questions regarding your course then I will be available to answer these via email on Wednesday 1<sup>st</sup> July, 9am-5pm.

[James.Johnston@colchester.ac.uk](mailto:James.Johnston@colchester.ac.uk)



# Welcome & Induction 2020



That's it.....

We look forward to seeing you as soon as possible.  
Stay safe!

From  
**The Entire Construction Department**

**Better Careers** Begin Here