



BA (Hons) Creative Lighting Control - ESSENTIAL EQUIPMENT

Show Tickets

It is essential that all students attend professional theatre productions as part of their course.

You will need to contribute £200 for Theatre tickets, which you will be asked to pay at the beginning of the first semester.

£100 of this will be used for trips organised as part of the DMTA Shared modules, and the other £100 will be used for trips that relate specifically to your studies on CLC.

This enables us to purchase group tickets at a discounted rate, rather than asking individuals to book their own tickets at full price.

Students should also set aside approximately £50.00 per term for books and £50 for materials and printing.

The College projects and productions that you work on, particularly in levels 5 and 6, may take place in theatres and venues away from the College's main Sidcup campus. While you are working at them these venues effectively become an extension of the College's campus, and the College **does not pay your travel costs** to get to them, so you will need to budget for this. Similarly, when you undertake work placements, you will need to budget for travel to the site of the placement.

Other Course Costs:

Each student will be required to obtain the following items:

Before joining the course

Computing:

6 x 16 Gig USB Flash drive memory sticks (2 for consoles, 2 for media servers & 2 for submitting assessments)

Essential Tools:

Steel Toe Capped boots (Black)
Range of screwdrivers with insulated handles
Side cutters
'Stanley' knife (retractable)
Soldering iron & Solder

8" Adjustable spanner or Quad spanner (13/17mm & 19 & 21mm e.g.
<http://www.flints.co.uk/acatalog/Quad-Spanners.html>)
A head torch
Sturdy lockable toolbox

Other Items:

Diary
Mobile phone
1 x full set of Black clothing for shows (inc Black trousers and a long
sleeved black top)

After Christmas

Technical Drawing And Visualisation:

Scale Rule 1:25
Technical Drawing Equipment - (pens, pencils, protractor, rule, compass etc.)
Scissors
Lighting Stencils

Video In Performance

An external hard drive of at least 120 GB

Other Recommended Equipment & Information

A laptop computer (Mac or PC) is a valuable additional item of equipment. This is an expensive item and not all students will be able to afford it but they are most useful if you can.

Both students and the college use a mixture of Apple Macintosh and Windows PC computers, but for CLC students we recommend Macintosh computers, since these can run both Mac OS X and Windows operating systems and software. There are important programmes we use during the course that run on each operating system, so being able to run both is very useful.

Make sure you take advantage of student discounts from Apple and other suppliers. If you choose to purchase from Apple please make sure you tell them that we are affiliated to the University of Manchester (they can check this on our website) as you will receive a bigger discount.

Whichever platform you choose please make sure that you have an appropriate converter to enable you to produce a VGA or DVI output for an external screen or projector.

Students are required to present all their written assignments in word-processed form. The College has a *limited* number of personal computers for study purposes. Students who have a dyslexia statement may be entitled to equipment grants from their local authority. If you think you may be dyslexic or already have a statement please contact the college's Disability Adviser, Ros Platton for further information.

Software

This is some of the software you will use on the course. You are not required to have your own copies of this software, as it is installed on college machines. However some students prefer to have their own copies or require this information to inform their LEA of any learning support they may require.

Word Processing

Microsoft Office or iWork

CAD & Visualisation

WYSIWYG

AutoCAD or Vector Works

Content Creation

The Adobe Creative Suite

3ds Max

Off Line Editors for consoles – it is useful to down load these in advance

MA On PC Software - <http://www.malighting.com/en/support-downloads/software.html>

ETC Off line Editors: <https://www.etconnect.com>

Useful Items To Purchase During Your Time On The Course:

- Rigging gloves
- 1 x High Vis Vest
- White Chinagraph pencils
- Pliers with insulated handles
- 5m tape measure
- A Multi-Meter
- Wire strippers
- A Leatherman or Gerber multi tool

You are also recommended to insure such valuable items; there are many good insurance deals available to students.

All equipment should be clearly marked with your name. It will be your responsibility to maintain your equipment and to replace it if mislaid. We have limited locker facilities.

Recommended Reading List for 1st yr. students

Huntington, J. *Show Networks & Control Systems*. Brooklyn: Zircon Designs Press, 2012 ISBN-13: 978-0615655901

Cadena, R. *Electricity for the Entertainment Electrician and Technician*. Focal Press, 2014 ISBN-13: 978-0415714839

Cadena, Richard. *Automated Lighting: The Art and Science of Moving Light in Theatre, Live Performance, Broadcast, and Entertainment*. Cambridge: Entertainment Technology Press, 2010. ISBN-13: 978-0240812229

Schiller, Brad. *The Automated Lighting Programmer's Handbook*. Burlington MA: Focal Press, 2004. ISBN-13: 978-0240815534

Palmer, Scott. *Light*. Palgrave Macmillan. 2013. ISBN-13:978-0230551909

McKinney, J & Butterworth, P. *The Cambridge introduction to Scenography*. Cambridge University Press. 2009. ISBN-13: 978-0521612326

Schön, Donald A. *The Reflective Practitioner: How Professionals Think in Action*. London: Temple Smith, 1983. ISBN-13: 978-0465068784