Unit Assessment Brief
BSc (Hons) Creative Computing

Unit Title: Coding Three: Web Development Studio

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Unit code: IU000112

Unit credit: 20 credits

Unit duration: Weeks 1-13

Year / Level: 2/5

Unit briefing date: Thursday 3rd October 2024

Unit introduction

In this unit, you'll dive into the basics of web development. In a field which has a new set of popular tools every three to six months, it's critical to lay a proper foundation for quickly onboarding emerging techniques. You will learn HTML, CSS, and continue with JavaScript. The emerging and popular methods for using CSS and JavaScript on modern website will be explored and discussed. Integrating into a simple database, you will learn how to connect front end presentations with server-side applications. Animations in the DOM using JavaScript and CSS will be covered. In conjunction with technical skills, you will learn popular user experience design patterns and discuss considerations for accessible design.

Please read the Learning Materials that accompany this document. This may include project briefs, unit guidelines, glossary, additional reading lists or event and presentation information. This information will be published together on Moodle.

Learning outcomes and assessment criteria

On completion of this unit, you will be able to:

LO1   Demonstrate an awareness of working with HTML (Knowledge)
LO2   Demonstrate a fluency with popular CSS Frameworks (Knowledge)
LO3   Implement User Interfaces in JavaScript (Knowledge)

| LO4 | Discuss what makes for an effective and successful cross-platform User Experience including issues of accessibility (Enquiry) |
| LO5 | Demonstrate the ability to use a popular animation and data visualisation packages such as three.js or D3.js (Realisation) |

Assessment Criteria

Your work in this unit will be marked against the UAL assessment criteria, which are designed to give you clear feedback on your achievement. The full assessment criteria descriptions can be found on the UAL Assessment webpage.

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Assessment Criteria | Level 5

	F	**E**	**D**	**C**	**B**	**A**
Enquiry Engagement in practice informed by critical analysis and evaluation of diverse relevant practices and ideas	Little or no evidence	Insufficient evidence	Satisfactory evidence	Good evidence	Very good evidence	Excellent evidence
Knowledge Evaluation of different perspectives and approaches to a range of practical, theoretical and/or technical knowledge(s)	Little or no evidence	Insufficient evidence	Satisfactory evidence	Good evidence	Very good evidence	Excellent evidence
Process Experiment and evaluate methods and results	Little or no evidence	Insufficient evidence	Satisfactory evidence	Good evidence	Very good evidence	Excellent evidence
Communication Demonstrating clarity and depth in relation to the communication of diverse intentions, contexts, sources, and arguments appropriate to your audiences	Little or no evidence	Insufficient evidence	Satisfactory evidence	Good evidence	Very good evidence	Excellent evidence
Realisation Selecting appropriate options and choices related to production of outcomes	Little or no evidence	Insufficient evidence	Satisfactory evidence	Good evidence	Very good evidence	Excellent evidence

What you have to produce

Element 1: Portfolio Website: Students will be expected to design and develop a portfolio website which can serve to showcase their work throughout the degree program (50%)

Element 2: Lab work: Students will submit a minimum of five weekly lab assignments and organise them in an orderly fashion on their CCI server space and GIT account. These tasks can either be integrated into the Portfolio Website or kept separate. (50%)

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Elemental – The assessment for this unit is weighted. In element-based assessment, you must achieve at least an E grade in each element, and an aggregate grade of at least D- in the overall unit. Failure (F, or F-), or non-submission in any element defaults to Fail for the unit. Assessment will be against the specified marking criteria.

Further Information

Element 1: You will be guided through the process of developing the design and creating your Personal Website. Your website should aim to create your online persona, collect your artworks and be a digital home for your practice. Attention to design, selection, curation and navigability will be important.

Element 2: During the unit, you will have coding tasks assigned to guide you to complete Element 2. Your final submission will be constituted by a selection of a minimum of five of your best tasks

Submission information

Submission date and time:	**Element 1: Portfolio Website:** **Submission Deadline: Friday 27th January 2025 by 2pm.** Element 2: Lab work: **Submission Deadline: Wednesday 5th February 2025 by 2pm.**

Adjusted assessment submission date and time:	Element 1 Portfolio: 10th February 2025 by 2pm. Element 2 Lab work: 19th February 2025 by 2pm. Adjusted Assessment (AA) is applicable to students with Individual Support Agreements. To confirm that you intend to use adjusted assessment, please email cci.ug@arts.ac.uk two weeks in advance of the standard deadline.

Submission method:	File/ZIP folder submission via Moodle, maximum file size 1GB, acceptable file types:

Anonymous marking:	**No:** It is not possible for this unit to be marked anonymously. However, all unit assessments are internally moderated to maintain fairness in assessment.

Date to expect feedback by:	**Element 1: 17th February 2025** **Element 2: 26th February 2025** You will receive feedback online via Assessment Feedback. Please note grades and feedback are indicative until confirmed following the Exam Board.

Submission queries:	Please contact cci.ug@arts.ac.uk in advance of the submission deadline.

Reading and resource list

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In alignment with our commitment to diversity, all reading lists and suggested sources aim to reflect the culturally diverse and international cohorts at CCI.
We take the following inclusive approaches:

- Collaborating with students to co-design their reading lists and sources for all units, including thesis/dissertation work, to ensure relevance and inclusivity.
- Prioritising the use of open and digitally accessible sources to prevent disadvantages related to the affordability of key texts.

Please be aware: Engagement with these reading lists is fully at the discretion of the student. No reading is mandated, recognizing the diverse learning needs and preferences within our student community.

Essential Reading

Brandon, J. (2018). Learning web design: A beginner's guide to HTML, CSS, Javascript, and web graphics. 5th ed. Choice, 50(12), 2209.

Duckett, J. (2011). HTML & CSS: Design and build websites. Indianapolis, Ind. ; Chichester: Wiley & Sons.

Haverbeke, M. (2018) Eloquent JavaScript: A Modern Introduction to Programming. Third Edition. Published online at http://eloquentjavascript.net/

Krug, S. (2014). Don't make me think, revisited: A common sense approach to Web usability (Third ed.). New Riders.

https://www.gov.uk/service-manual/user-research

Further Reading

Lupton, E. (2017) Design is Storytelling. Cooper Hewitt.

Cooper, A. (2014) About Face:The Essentials of Interaction Design. John Wiley & Sons.

Periodicals

IdN, .net, Computer Arts, Layers Magazine, How Magazine, Digital Arts,Communcation Arts, UX Magazine, Eye Magazine

Web Ref:

https://www.w3schools.com/

https://eloquentjavascript.net/

http://www.w3c.org

https://nodejs.org/en/

https://stackoverflow.com/

https://reactjs.org/
https://angular.io/

https://material.io/design/

https://fonts.google.com/

https://jekyllrb.com/

https://threejs.org/
https://d3js.org/

https://abduzeedo.com/

https://www.awwwards.com

https://create.adobe.com/graphic-design.html

https://www.creativebloq.com/

Support

CCI and UAL has a range of services that can support you with your studies. Useful contacts for advice and guidance include:

CCI Academic Support Contact:	You can contact the CCW Academic Support team by email at ccw-academicsupport@arts.ac.uk with any questions regarding the in-course Academic Support offer. Visit Academic Support Online at www.academicsupportonline.arts.ac.uk to find out about Academic Support tutorials, workshops and learning resources to support your studies. Email in at academicsupportonline@arts.ac.uk for Academic Support Online enquiries.

CCI Disability Adviser Contact:	Katie Atkinson k.atkinson@arts.ac.uk

CCI Subject Librarian Contact:	Benelia Salmon b.salmon@arts.ac.uk

UAL Language Centre: Offers tailored classes, 1-1 tutorials and speaking and writing workshops to help you with your studies.

Student Services: Find out about services including counselling, health advice, chaplaincy, disability and dyslexia support, and advice on funding and immigration matters.

Students Union: Arts SU offers impartial advice (independent from UAL), and is the place to find other students and learn new skills.

Cost of study

CCW provides a broad range of resources to support your studies. However, additional costs you may incur whilst studying this unit, depending on personal choice, could include:

- Materials and associated production and finishing costs
- Hiring of additional equipment, venues and other resources
- Printing, framing, installation, binding of work
- Travel and fees associated with trips, visits or location working

You can discuss your choices and likely costs with your Unit Leader prior to starting your work.

Please note that work presented for assessment will be evaluated against unit learning outcomes using UAL's assessment criteria. Increased expenditure on materials to realise your assessment will not equate to increased grades in your assessment.

Additional guidance

General submission information	It is your responsibility to submit your work on time and by the required method, otherwise there may be an impact on your achievement and progression.

Online submission information	If you are submitting work online via Turnitin or Moodle, the Studying Online webpages include useful information on accepted formats, as well as guides to help you in uploading your assignments. You can also contact Digital Learning with queries by raising a ticket with MySupport. Please note that as part of the submission process, the University will utilise Turnitin UK to check the authenticity and originality of your work.

Late Submissions and Failure	If you think you might miss a summative assessment deadline you should discuss this with your Unit Leader/Tutor. You can also find information on the 'Student Guide to Assessment Submissions', located on the UAL Assessment webpage. The UAL Assessment webpage includes details of the university's marking scale and assessment criteria, and what happens if you fail a piece of work. Visit the Course Regulations webpage for information on UAL's framework for the assessment of all taught HE students.

Extenuating Circumstances	Extenuating circumstances are defined as circumstances that are unexpected, significantly disruptive and beyond your control. If you are having difficulties with your assessment you may be able to submit a claim. Further information can be found on the Extenuating Circumstances webpage.

Academic Misconduct	The Academic Misconduct Regulations cover the University's policy and procedures for preventing and addressing cheating and plagiarism.

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Referencing	UAL advises that the Harvard Referencing Style is used for all taught courses. Cite Them Right Online is a referencing resource. It will help you to cite and reference just about any source and avoid plagiarism.

Fair assessment	UAL has systems in place to make sure that assessment is conducted fairly for all students. For more information, including the Anonymous Marking Policy, please visit the Fair Assessment webpage.