**Potential changes in light of the COVID-19 pandemic**

Please note that information regarding teaching, learning and assessment in this module handbook endeavours to be as accurate as possible. However, in light of the COVID-19 pandemic, the changeable nature of the situation and the possibility of updates in government guidance, there may need to be changes during the course of the year. UCL will keep current students updated of any changes to teaching, learning and assessment on the Students' webpages. This also includes Frequently Asked Questions (FAQs) which may help you with any queries that you may have.

ARCL0036
Archaeological Illustration and Imaging
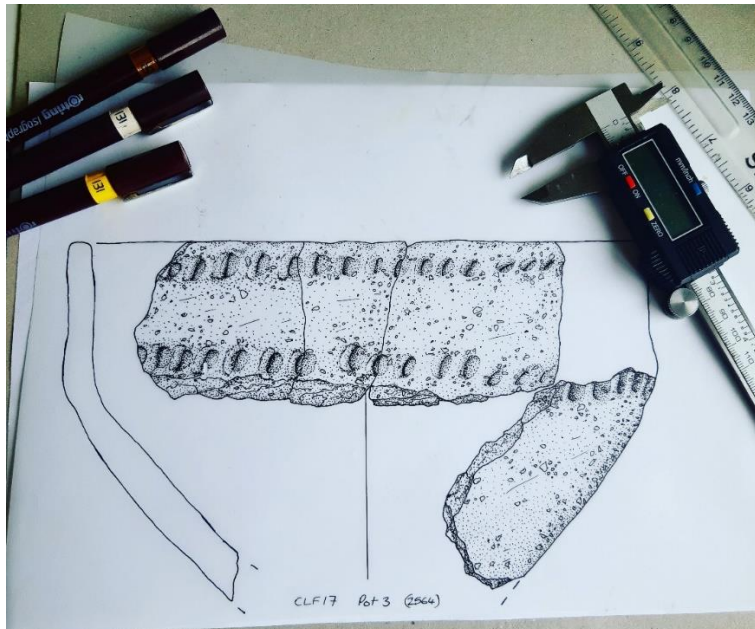
2022-23, Term 1
Year 2/3 Option, 15 credits

Co-ordinators: Fiona Griffin and Nadia Knudsen, Antonio Reis
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Online office hours:
Fiona Griffin: Mon-Weds 8am-4pm, Thurs 8-11:30am
Nadia Knudsen: Mon-Fri 9am-4pm
Antonio Reis: Mon-Fri 9am-4pm

Please refer to the IoA Student Handbook and IoA Study Skills Guide:
https://www.ucl.ac.uk/archaeology/current-students/ioa-student-handbook
https://www.ucl.ac.uk/archaeology/current-students/ioa-study-skills-guide
for instructions on coursework submission, IoA referencing guidelines and marking criteria, as well as UCL policies on penalties for late submission, over-length work and academic misconduct.

1.   MODULE OVERVIEW

Module description

This module will introduce students to both the academic and practical aspects of traditional and digital methods of drawing archaeological finds and how to digitise archived, printed photographs and documents for publication and research in the archaeological and heritage sectors. The academic aspects will concentrate on: types of technique, style, materials and equipment used in the layout and presentation of drawings for publication, scales and the requirements for publication reductions. Best methods for converting prints to digital files. Principles and conventions for using image-editing software to restore faded and discoloured photos. The practical work will involve the preparation of drawings and photographs to the "print ready" stage (i.e. presented to publication standard). Each week will include a practical session. These will concentrate on hand illustrating pottery, metalwork and lithics, digital finds drawing including the use of Adobe Photoshop and Illustrator, digital site mapping, digitising versus photographing pictures and image processing ready for printing and screen publication. The learning outcomes from this module`s imaging lectures (weeks 8, 9, and 10) were designed to complement the ARCL0035 Archaeological Photography module whilst avoiding overlapping any of its content.

Module Aims

The aims of this module are to introduce the discipline of archaeological illustration in order create a good understanding of the skills of communication via illustrations and imaging. Covering wide aspects of the subject with particular focus on finds illustration, digital drawings and photography as well as gaining the skills to create good digital illustrations to enhance the student's future output.

Learning Outcomes

- Gaining practical skills of finds drawing (traditional and digital) and assessing the value and appropriate use of each technique.
- Basic knowledge of digital programs such as Photoshop and Adobe Illustrator.
- Ability to produce simple, clear, engaging and well-presented illustrations and images.
- Learning to draw for reduction; skills of neatness and how to present work for publication and developing ideas in discussion.
- Engage with various software and techniques for editing photographs.
- Confidence in the use of simple cameras and digital manipulation will be instilled.
- Transferable skills other than the specific content of the course will include basic drawing skills, hand-eye co-ordination, visual analysis, critical and interpretive skills in studying primary data.

Methods of Assessment

*Essay 1500 words **40%***
*Portfolio 7 illustration/images **60%.***

Communications

- **Moodle is the main hub** for this course.
- Important information will be posted by staff in the **Announcements section of the Moodle page** and you will automatically receive an email notification for these.
- Please post any general queries relating to module content, assessments and administration **in the MS Teams Module forum** (*Staff to add in link*). The forum will be checked regularly.
- For personal queries, please contact the co-ordinator by email.

Week-by-week summary

Week	Date	Topic	Lecturers
1	07/10/22	Introduction to archaeological illustration & pottery illustration	NK
2	14/10/22	Pottery Illustration	NK
3	21/10/22	Non-finds archaeological illustrations	FG
4	28/10/22	Metalwork drawing and inking up	NK
5	04/11/22	Lithics drawing	NK
6		READING WEEK	
7	18/11/22	Digital finds illustration	FG
8	25/11/22	Site location drawings and historic mapping	FG
9	02/12/22	Digitize prints and introduction to image editing tools	AR
10	09/12/22	Digital restoration of faded and damaged photographs	AR
11	16/12/22	Portfolio review session- discussion forum	NK FG AR

Lecturers (or other contributors)

Fiona Griffin **(FG)**
Nadia Knudsen **(NK)**
Antonio Reis **(AR)**

Weekly Module Plan

The module is taught through lectures and discussions. Students will be required to undertake set readings and complete pre-class activities.

Workload

This is a 15-credit module which equates to 150 hours of learning time
including session preparation, background reading, and researching and writing your
assignments. With that in mind you should expect to organise your time in roughly this way:

20 hours	Staff-led teaching sessions (lectures, seminars, tutorials, discussion-board sessions)
60 hours	Self-guided session preparation (reading, listening, note-taking and online activities), about 6 hours a week
20 hours	Reading for, and writing essay
50 hours	Portfolio

2.   ASSESSMENT

Each assignment and possible approaches to it will be discussed in class, in advance of the submission deadline. If students are unclear about the nature of an assignment, they should discuss this with the module co-ordinator in advance (via office hours or class Moodle forum). You will receive feedback on your written coursework via Moodle, and have the opportunity to discuss your marks and feedback with the co-ordinator in their office hours.

For more details see the 'Assessment' section on Moodle. The IoA marking criteria can be found in the IoA Student Handbook (Section 12: Information on assessment). The IoA Study Skills Guide provides useful guidance on writing different types of assignment.

Please note that **late submission, exceeding the maximum word count** and **academic mis-conduct (plagiarism)** will be penalized and can significantly reduce the mark awarded for the assignment and/or overall module result. On requirements, please do consult https://www.ucl.ac.uk/archaeology/current-students/ioa-student-handbook/12-information-assessment with sections 12.8: submission deadlines, 12.10: word count, 12.12–14: academic integrity.

Assessment 1 (Essay 1/Object Review/etc.)

Word length: 1500 words, **40 % of course-mark**
Deadline: ……………………………

Choose **one** of the following:

1. Select two site reports/monographs of the same period (e.g. Prehistoric, Roman or Medieval) published at least 20 years apart in different publications and from any geographical region of your choice, compare and discuss how the illustrations present the data. Discuss who the content is aimed at and how this is reflected in the illustrations. With annotated sketches and drawings, demonstrate useful aspects of the illustrations and suggest how they could be improved and expanded in order to enhance our understanding of the site.

2. Describe the 'journey' of an object/artefact of your choice from drawing board or imaging methodology to publication. In relation to your intended audience (professional journals, museum audiences, websites etc.), outline/explain the rationale behind the decisions you made regarding style of illustration or chosen imaging methodology (presentation, views and sections etc.) and method of publication.

3. Discuss different ways in which illustration or different imaging methodologies are used in archaeological dissemination and how illustrations and images can aid in this process. Consider how they have changed over the last 40 years, using a wide variety of examples from the following publications: books, journals (printed or online), magazines and websites.

Each assignment and possible approaches to it will be discussed in class, in advance of the submission deadline. If students are unclear about the nature of an assignment, they should discuss this with the Module coordinator in advance (via office hours or class Moodle forum). You will receive feedback on your written coursework via Moodle, and have the opportunity to discuss your marks and feedback with the coordinator in their office hours.

*NOTE***: All essays should include a diverse range of publication sources (for example don't compare two articles by same author or from the same journal) AND essays must include a variety of background readings to demonstrate expanded knowledge on the subject.**

Assessment 2
60 % of course-mark
Deadline: …………………

1. **Two** pottery drawings – including a rim, a complete profile or a base with ring-base on of which has decoration.

2. **One** flint drawing.

3. **One** metal-ware or stone tool drawing.

4. **Two** digital finds drawings (one decorated pottery drawing and one metal-ware drawing)

5. **One** digital site location plan *and* **one** historic map with annotations (both of same site presented together)

6. **One** digitised photograph edited and ready for printing.

7. **One** digitised photograph edited and ready for web and screen display

Each artefact should be presented individually as complete and to publication quality
The portfolio needs to be submitted in hard copy (as well as via Moodle)

3. RESOURCES AND PREPARATION FOR CLASS

Preparation for class

You are expected to read the **Essential Readings as well as watching the pre-recorded lectures and completing any online activities on Moodle** each week. Completing the readings is essential for your effective participation in the activities and discussions that we will do, and it will greatly enhance your understanding of the material covered. **Further readings are provided via the Online Reading List** for you to get a sense of the range of current work on a given topic and for you to draw upon for your assessments. The online reading list is accessible through the Moodle page of the module, or directly here:

Online reading list*: ARCL0036: Archaeological Illustration and Imaging | University College London (talis.com)

4. SYLLABUS

Week 1. Introduction to archaeological Illustration and hand drawn pottery illustration (NK)
Introduction to archaeological illustration including a brief discussion of the history of the discipline and a focus on hand drawn pottery illustration.

Practical exercise: Hand drawing pottery sherds

Essential Reading:
Collett, L. 2018 pp 21-29 CifA Professional Practice Paper: An introduction to drawing archaeological pottery revised edition
https://www.archaeologists.net/sites/default/files/CIfA-A5%20pottery%20paper_final_web.pdf

Additional Reading: Adkins L. and Adkins R. 1989. Chapter 8: Drawing Finds. Archaeological Illustration. Cambridge manuals in Archaeology Drawing finds (cla.co.uk)

Week 2. Pottery illustration (NK)
Continuation of hand drawn pottery illustration.
Techniques of shading, depicting decorations and differing vessel types.

Practical exercise: Hand drawing pottery

Essential Reading:
Collett, L. 2018 pp 21-29 CifA Professional Practice Paper: An introduction to drawing archaeological pottery revised edition
https://www.archaeologists.net/sites/default/files/CIfA-A5%20pottery%20paper_final_web.pdf

Additional Reading Adkins L. and Adkins R. 1989. Chapter 8: Drawing Finds. Archaeological

Illustration. Cambridge manuals in Archaeology [Drawing finds (cla.co.uk)](https://cla.co.uk)

Week 3. Non-artefact illustrations (FG)
Introduction to the wide range of non-finds archaeological illustrations and imaging. Discussion of the appropriate use of each technique and the value of illustration in archaeological dissemination. Discussion of different sources of mapping and historic images, copyright issues and downloading software ready for practical digital drawing sessions.

Practical exercise: downloading and installing software. **Please bring laptops to work on.**

Essential Reading: Madhusoodanan, J. Science illustration: Picture perfect. *Nature* **534,** 285–287 (2016). https://doi.org/10.1038/nj7606-285a https://www.nature.com/articles/nj7606-285a

Good overview of different types of archaeological illustration
https://historicengland.org.uk/research/methods/visualising-heritage/

Additional Reading: Morgan, C & Wright, H. 2018 Pencils and Pixels: Drawing and Digital Media in Archaeological Field Recording, Journal of Field Archaeology, 43:2, 136-151, DOI: [10.1080/00934690.2018.1428488](https://doi.org/10.1080/00934690.2018.1428488)

Week 4. Metalwork illustration (NK)
Introduction to drawing metal artefacts and the conventions used. Materials and methods of inking up your drawings.

Practical exercise: Hand drawing metal artefacts

Essential Reading:
Griffiths N, Jenner A. and Wilson C. Drawing Archaeological Finds: A Handbook. Occasional Paper No.13 Institute of Archaeology, UCL chapter 3 Drawing objects pages 23-50 [Drawing objects (cla.co.uk)](https://cla.co.uk)

Small T. 2013 Archaeological Illustration: Small finds BAJAR Practical guide series 32 http://www.bajr.org/BAJRGuides/32.%20Archaeological%20Illustration%20-%20Small%20Finds/Guide32.pdf

Week 5. Lithics and stone artefacts (NK)
Introduction to illustration of worked lithics/flints and stone artefacts, and the basic conventions used.

Practical exercise: Hand drawing lithics

Essential Reading: Martingell H. and Saville A. 1988. The Illustration of Lithic Artefacts: A guide to drawing stone tools for specialist reports. AM&S Technical Paper No.9. Download free: http://www.gag-cifa.org/wp-content/uploads/2014/12/flint-paper-digital.pdf

Week 6. READING WEEK-

Week 7. Digital finds drawings (FG)
Digital finds drawing and layout
Use of hand drawn finds drawings to create final digitized illustration for publishing using adobe illustrator. Discussion of hybrid illustration using finds photos and drawn section to create a final figure

Practical exercise: creating publication ready finds illustrations using Adobe Illustrator. **Please bring laptops to work on.**

Essential Reading:
Chapter 4: Preparing pottery illustrations for publication in Collett, L.2018 pp 21-29 CifA Professional Practice Paper: An introduction to drawing archaeological pottery revised edition
https://www.archaeologists.net/sites/default/files/CIfA-A5%20pottery%20paper_final_web.pdf

Week 8. Site location drawings and historic mapping (FG)
Discussion of different sources of mapping and historic images, copyright issues and a practical session creating publication ready illustrations using Adobe Illustrator.

Practical exercise: creating publication ready site location and historic map illustrations using Adobe Illustrator. **Please bring laptops to work on.**

Helpful resoucres:
https://digimap.edina.ac.uk/

https://www.google.com/permissions/geoguidelines/

https://helpx.adobe.com/illustrator/using/default-keyboard-shortcuts.html

Week 9. Digitizing prints and introduction to image editing tools (AR)
Discussion of scanning versus photographing images. A brief introduction to the various file formats and the differences between preparing pictures ready for printing and web\screen display. Introduction to Photoshop user interface and basic tools for image editing, such as cropping and colour correction.

Practical exercise: Students will opt to digitize or photograph an old picture and use Photoshop to prepare the images for print.

Week 10. Digital restoration of faded and damaged photographs (AR)

This lecture follows on from the previous week. Students will be introduced to a more comprehensive workflow for editing images using Adobe Bridge, Camera Raw and Photoshop.

Practical exercise: Students will use Adobe CC apps to perform basic image manipulation and prepare images for the web and screen display.

Essential Reading: Illustration by photography: a simple trial in CIFA Graphics Archaeology Group Document by L. Templeton

2015 - https://rl.talis.com/3/ucl/lists/D1178802-7D54-FE0F-E9F9-3C633FE2EDEA.html?lang=en-GB
BAJR Archaeology Guides - http://www.bajr.org/BAJRread/BAJRGuides.asp

BAJR Archaeology Guides - http://www.bajr.org/BAJRread/BAJRGuides.asp

Week 11. On-Site illustration, Portfolio review session and discussion forum (NK, FG, AR)

Discussion of on-site illustration including site planning and section drawing and digitization in the post excavation stage.
Presentation on the illustration of organic materials – especially faunal material (bone and teeth), - and also leather and wood.

Review of what is expected from your portfolios and answering any questions relating to them.

Essential Reading:
Connolly, D. 2009 Record Sheet and Report Templates Risk Assessment Forms & Other Guides. BAJR Practical Guide Series 23 pp 4-7
http://www.bajr.org/BAJRGuides/23.%20Recording,%20Reporting,%20Planning%20Conventions%20and%20other%20templates/23Templates.pdf

Archaeological Recording Practices: Guidelines for archaeological excavation and recording techniques by Northumberland National Park

http://www.isgap.org.uk/sites/default/files/downloads/Archaeology%20Recording_Final.pdf