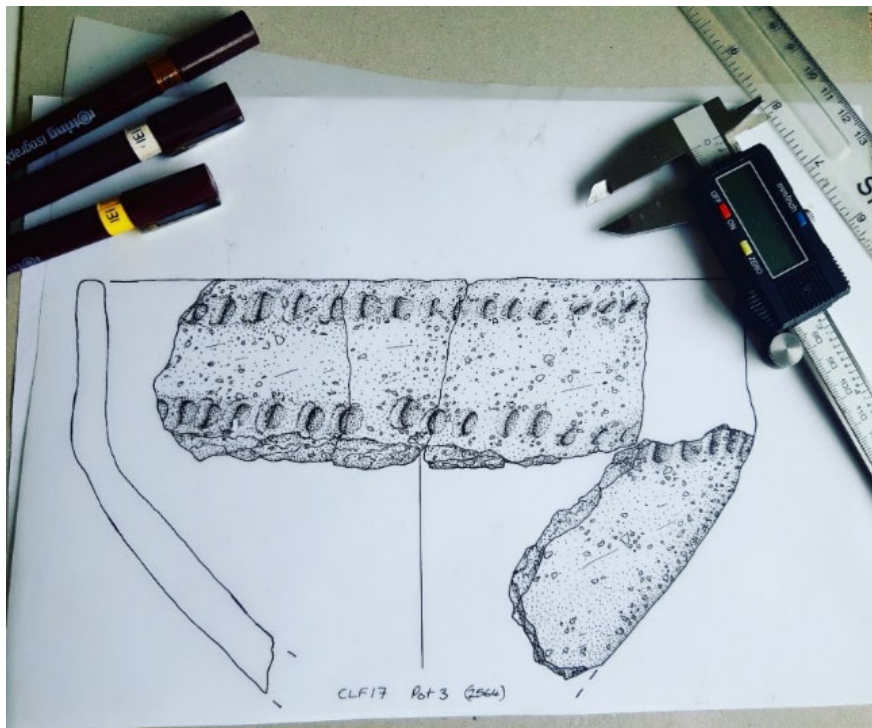


ARCL0036 Archaeological Illustration and Imaging



2024-25, Term 1
Year 2/3 Option, 15 credits

Co-ordinators: Fiona Griffin and Nadia Knudsen
f.griffin@ucl.ac.uk; nadeshda.knudsen.10@ucl.ac.uk

Co-ordinator's office hours

Fiona Griffin: (online office hours) Monday -Wednesday 8:30am-4:30pm,
Thursdays 8:30-11:30am

Nadia Knudsen: (no fixed hours) I will reply to all emails as soon as possible

Course Location & Time

Room 410
Friday afternoon, 13.00-17.00

IMPORTANT INFORMATION REGARDING ASSESSMENTS:

The **coursework coversheet** is available on the Moodle page of the module and here: <https://www.ucl.ac.uk/archaeology/current-students> under "Policies, Forms and Guidelines".

Please enter **your five-digit candidate code on the coversheet** and **at the start of the subject line** when you upload your work in Moodle. Use it also **as the name of the file** you submit.

Please refer to:

- <https://www.ucl.ac.uk/archaeology/current-students/ioa-student-handbook/13-information-assessment>
- <https://www.ucl.ac.uk/archaeology/current-students/ioa-study-skills-guide/referencing-effectively-and-ioa-guidelines>
- <https://www.ucl.ac.uk/students/exams-and-assessments/academic-integrity>
- <https://library-guides.ucl.ac.uk/referencing-plagiarism/acknowledging-AI>

for instructions on coursework submission, IoA referencing guidelines and marking criteria, as well as UCL policies on penalties for late submission, over-length work, the use of text generation software (AI) and academic misconduct.

1. MODULE OVERVIEW

Module description

The module will introduce students to both the academic and practical aspects of traditional and digital methods of archaeological illustrations including finds drawing. The academic aspects will concentrate on types of technique, style, materials and equipment used and the layout and presentation of drawings for publication. The practical work will involve the creation and preparation of drawings to a publication standard (resulting in an assessed portfolio, 60% of overall module grade). The artefact illustration sessions will concentrate on the drawing of flintwork, pottery and metalwork for both hand inking and digital presentation. The digital element of the course will include the use of Adobe Illustrator to create artefact, site location and historic map illustrations as well as addressing the use of computer aided design (CAD software) in archaeological site planning and the principles and conventions of image-editing using Adobe Photoshop. Students will be taught to analyze archaeological illustrations and consider their effectiveness in communicating archaeological data (assessed through an essay, 40% overall module grade).

Module Aims

The aims of this module are to introduce the discipline of archaeological illustration to achieve a good understanding of the skills of communication via illustrations and imaging. Analyzing and recognizing good illustration techniques for a range publications and target audiences. Covering wide aspects of the subject with particular focus on finds illustration and digital site drawings gaining the skills to create good illustrations using industry standard software and techniques 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 with consideration for the target audience.
- Learning to draw for reduction; skills of neatness and how to present work for publication and developing ideas in discussion.
- 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 illustrations 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 this.

For any queries, please contact the co-ordinators by email (or Fiona via Teams)

Week-by-week summary

Week	Date	Topic	Lecturers
1	04/10/24	Introduction and pottery drawing	NK
2	11/10/24	Pottery drawing	NK
3	18/10/24	Metalwork drawing	NK
4	25/10/24	Non artefact illustrations	FG
5	01/11/24	On-site illustration, Imaging and basic photoshop skills*	FG/AR
6	READING WEEK		
7	15/11/24	Digital finds drawing*	FG
8	22/11/24	Site location and historic maps drawing*	FG
9	29/11/24	Lithics drawing	NK
10	06/12/24	Inking up	NK
11	13/12/24	Portfolio review	NK/FG

Lecturers (or other contributors)

Fiona Griffin (FG)

Nadia Knudsen (NK)

Antonio Reis (AR)

* These sessions require you to bring a laptop and mouse

Weekly Module Plan

The module is taught through practical sessions, lectures and discussions. Students will be required to undertake set readings, complete pre-class activities in order to be able to actively participate in the session.

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	<i>Staff-led teaching sessions (lectures, seminars, tutorials, etc.)</i>
60 hours	<i>Self-guided session preparation (reading, listening, note-taking and online activities), about 6 hours a week</i>
20 hours	<i>Reading for, and writing essay</i>
50 hours	<i>Reading portfolio creation</i>

2. ASSESSMENT

The use of **software** to generate research and content is **not allowed** for marked assessments for this module and **will be penalised**; the use of software for language and writing review and improvement is permitted, and the software and the way it has been used **must be indicated in the relevant boxes on the coursework coversheet**. UCL defines language and writing review as checking "areas of academic writing such as structure, fluency, presentation, grammar, spelling, punctuation, and language translation

For more details see the 'Assessment' section on Moodle. The coursework coversheet is available on the Moodle page of the module and here:

<https://www.ucl.ac.uk/archaeology/current-students> under "Policies, Forms and Guidelines".

Please make sure you enter your five-digit candidate code on the coversheet and at the start of the subject line when you upload your work in Moodle.

Please use your five-digit candidate code as the name of the file you submit.

The [IoA marking criteria](#) can be found in the IoA Student Handbook (Section 13: 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 misconduct (unacknowledged use of text generation software and plagiarism)** will be penalized and can significantly reduce the mark awarded for the assignment and/or overall module result. **In particular, please note the requirement to declare on the coversheet your use of Grammarly, ChatGPT and similar writing tools.** Please do consult

- <https://www.ucl.ac.uk/archaeology/current-students/iaa-student-handbook/13-information-assessment> with sections 13.7–13.8: coursework submission, 13.10: word count, 13.12–14: academic integrity
- <https://www.ucl.ac.uk/students/exams-and-assessments/academic-integrity> for UCL's guidance on academic integrity
- <https://library-guides.ucl.ac.uk/referencing-plagiarism/acknowledging-AI> for UCL's guidance on how to acknowledge the use of text generation software.

Please note that penalties for late submission will be applied **centrally at the end of the session** as of this academic year.

Assessment 1 (Essay)

Due: 07/11/2024

Word length: 1500 words,

40 % of course-mark

Choose **one** of the following:

1. Select two articles from *The Antiquaries Journal* of the same period (e.g., Prehistoric, Roman or Medieval) published at least 30 years apart and 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.

(The complete series of this journal is available in hard copy in the IoA library in the periodicals section and online [List of issues Archaeological Journal \(tandfonline.com\)](https://www.tandfonline.com))

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 (**select up to three different illustration types to compare**). Consider how they have changed over the last 50 years, using a wide variety of examples from the following publications: books, journals (printed or online), magazines and websites.

NOTE: All essays must include a variety of background readings to demonstrate expanded knowledge on the subject.

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 Microsoft Teams 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 online office hours.

The **use of software** to generate research and content is **not allowed** for marked assessments for this module and will be **penalised**; the use of software for language and writing review and improvement is permitted, and the software and the way it has been used **must** be indicated in the relevant boxes on the **coursework coversheet**. UCL defines language and writing review as checking "areas of academic writing such as structure, fluency, presentation, grammar, spelling, punctuation, and language translation

Assessment 2 (Portfolio)

Due: 22/01/2025

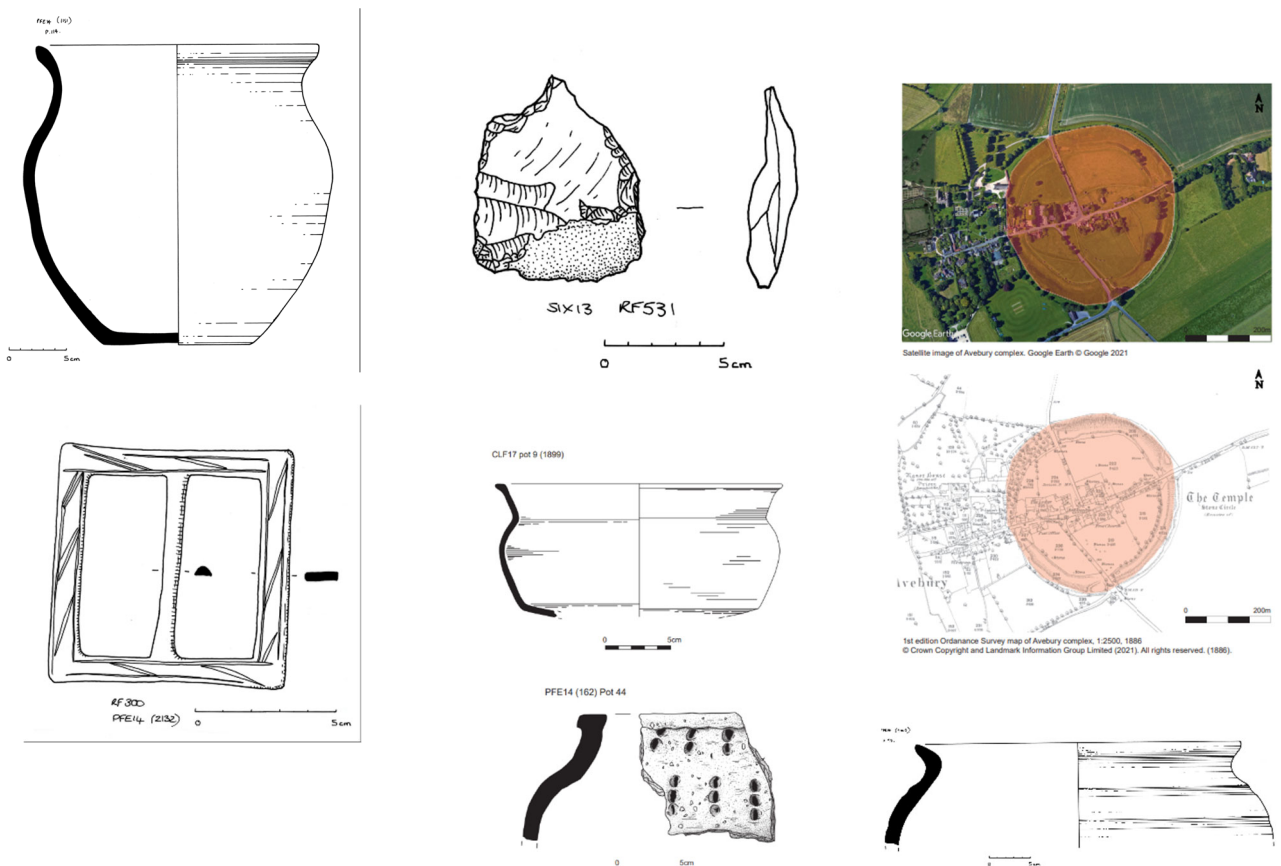
60% of course mark

Your portfolio must include:

1. **Two pottery drawings** – including a rim, a complete profile or a base with ring-base, one of which should have some decorative elements.
2. **One worked flint drawing.**
3. **One metalware or stone artefact drawing.**
4. **Two digital finds drawings** (one decorated pottery drawing and one metalware or stone artefact drawing) *These should be based on your pencil drawn illustrations created in Nadia's sessions*
5. **One digital site location plan and one historic map** with annotations (both of same site presented together)

Each artefact should be presented individually as complete and to publication quality

Example portfolios are provided on the Moodle page



3. RESOURCES AND PREPARATION FOR CLASS

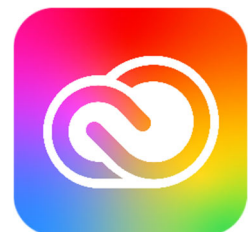
Preparation for class

You are expected to read the **one 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. You are expected to demonstrate engagement with these sources by using materials from the Online Reading List and the Essential Readings in your assessments and may lose marks if you fail to do so. The online reading list is accessible through the Moodle page of the module, [ARCL0036: Archaeological Illustration and Imaging | University College London \(talis.com\)](https://www.talis.com/ARCL0036)

Some sessions require you to bring a **laptop and mouse**. Any problems with this please contact Fiona Griffin before the day of the session.



When enrolled on this course you will get a year's access to the adobe creative cloud software. Information on how to download this will be emailed out before the session it's required in. Please download the English version to ensure that instructions given in class and in the PowerPoints match your software



4. SYLLABUS

Week 1. 04/10/24

Introduction to archaeological illustration and hand drawn pottery illustration (NK)

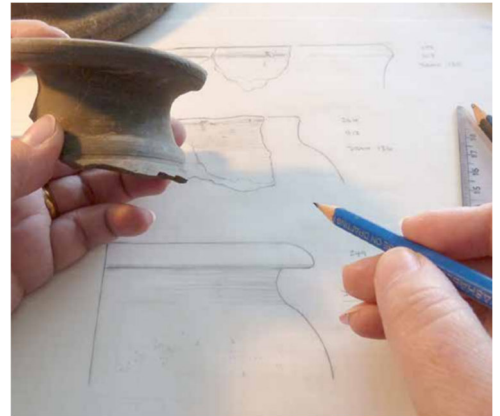
Introduction to archaeological illustration including a brief discussion of the history of the discipline and a focus on hand drawn pottery illustration.

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 \(cla.co.uk\)](http://cla.co.uk)

Week 2. 11/10/24

Pottery illustration (NK)

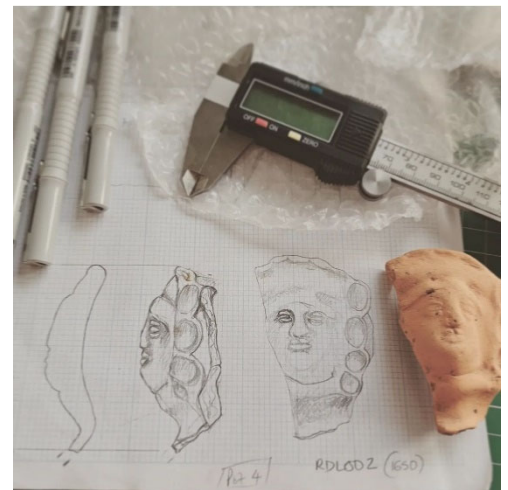
Continuation of hand drawn pottery illustration.

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 \(cla.co.uk\)](http://cla.co.uk)

Week 3. 18/10/24

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 \(cla.co.uk\)](http://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 4. 25/10/24

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).

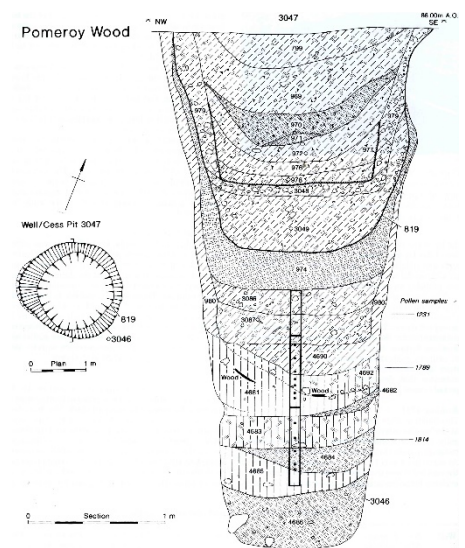
<https://doi.org/10.1038/nj7606-285a>

<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



Week 5. 01/11/24

Archaeological imaging techniques (on-site and artefacts) and on-site illustration (AR and FG)

The first part of the session will address on-site illustration including site planning and section drawing and digitization in the post excavation stage including the use of AutoCAD for site planning.



Second part of the session will be an introduction to imaging techniques and their use on-site (such as photogrammetry and drone photography) and for artefacts (RTI, laser scanning and multi spectral photography) including the use 3D modelling and VR and its growing importance in archaeological publication and dissemination. As well as an introduction to Adobe Photoshop for simple image editing.

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

BAJR Archaeology Guides See the one on digital photography [BAJR Archaeology Guides](#)

Week 6. 08/11/24

READING WEEK

No class

Week 7. 15/11/24

Digital finds drawings (FG)

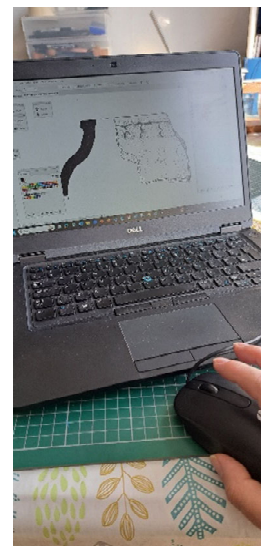
Use of hand drawn finds drawings to create final digitized illustration for publishing using adobe illustrator. Discussion of hybrid illustration using finds photos and drawn section to create a final figure.

Scanning your hand drawn images

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

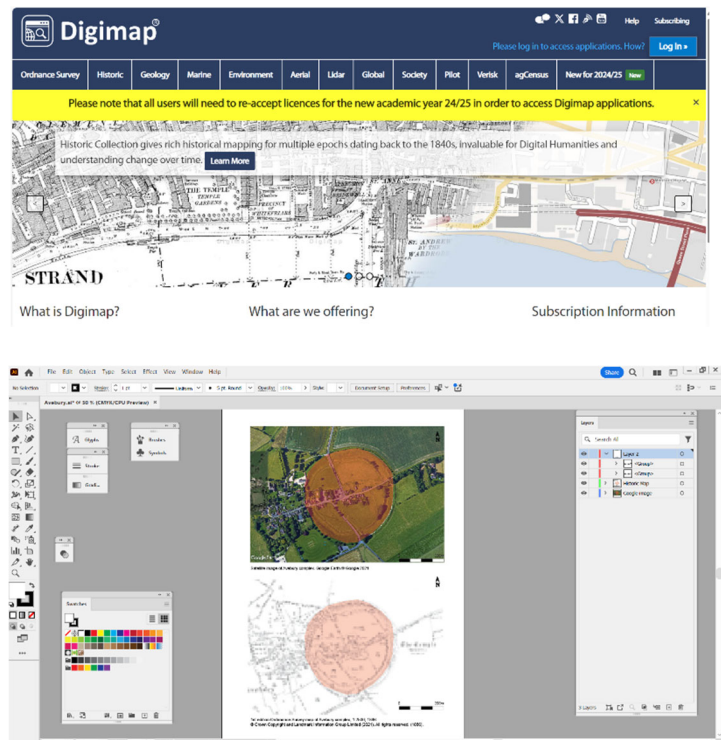
https://www.archaeologists.net/sites/default/files/ClfA-A5%20pottery%20paper_final_web.pdf

Week 8. 22/11/24

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 resources:

<https://digimap.edina.ac.uk/>

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

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

Week 9. 29/11/24

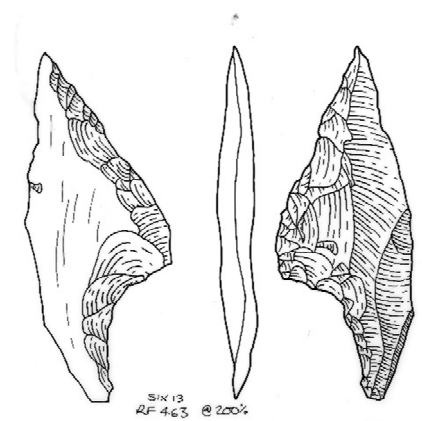
Lithics and stone artefacts (NK)

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 10. 06/12/24

Inking up artefact drawings (NK)

How to ink up your artefacts drawings and lay them out for your portfolio.

Practical exercise: Equipment provided in class

Week 11. 13/12/24

Portfolio review session and discussion forum (NK, FG)

Review of what is expected for the portfolio.

Opportunity to ask questions and spend time refining pencil and digital drawings for your portfolio.