

CULVER ARCHAEOLOGICAL PROJECT - FIELD TRAINING COURSE – Page 1

DAY/ hours	LEARNING ACTIVITY	TRAINING	OUTCOMES	FURTHER READING
Pre-course Introductory session – please view the slide presentation, read the excavation summary and look at ‘ <i>To CAP It All</i> ’ from the Publications page of our website www.culverproject.co.uk				
NB	Pink shading denotes that some time will be spent in the lecture hall			
Pre-course introduction	1. Introduction to Bridge Farm , the excavations and potential artefact finds from site Powerpoint plus 2011-21 written summary see CAP website	To give to an overview of both CAP and Bridge Farm. The aims, work undertaken, results, current interpretation and the future:	A basic understanding of CAP’s aims, research and methodologies and of the archaeology of Bridge Farm including the types of artefacts that have been recovered	A summary of the project and powerpoint can be found on the publications page of our website Millum, D (2018) <i>Bridge Farm: the excavation of a Romano-British riverside settlement, 2011-2021</i> http://culverproject.co.uk Finds and special finds see Millum D (2022) <i>To CAP it all</i> , Section 11
For most of the sessions see the relevant section of ‘<i>To CAP it all</i>’, our site manual available for viewing and/or download				
WEEK 1: Monday to Friday 9.30-5.30				
Wk 1 – Monday am 1.5 hr in Lecture hall	2. Health & Safety on sites: Risk Assessments: Lifting heavy objects: Powerpoint plus Q & A session	Introduction to Health & Safety on sites Using CAP’s current Risk Assessment we will look at why these are required and implemented How to lift heavy objects correctly:	To understand the importance of H&S on archaeological sites: To make working on site safe for you and others: To appreciate what risk is and be able to understand a risk assessment safety plan: To be able to lift heavy objects avoiding injury	Visit HSE websites http://www.hse.gov.uk/risk/casestudies/index.htm http://www.nhs.uk/Livewell/workplacehealth/Pages/safe-lifting-tips.aspx CAP Policy and Risk Assessment http://culverproject.co.uk/?page_id=156 Millum, D. 2022. <i>To CAP it all</i> , Section 3
Wk 1–Monday am 1.5 hrs in lecture hall Then on site in pm	3. Site recording The Written record AM: Hall Presentation based on Section 8 of CAP site manual! PM: On site practical demonstration and participation Site formation processes:	How and why we record by : Context Sheets: Special Finds: Feature register: Slot register: Levels register: How do sites form? How do they change over time? What are the major causes of change?	To be proficient in written recording: Context register Context sheets: cuts and fills How to record special finds Supplementary registers: Features, Slots A understanding of how archaeology is formed and change over time, and what causes such change, i.e. Cultural formation or Natural formation.	Millum, D. 2022 <i>To CAP it all</i> , Section 8. Drewett, P. as above. Ch7. Collis, J. 2004. <i>Digging up the Past</i> : Sutton, Ch.6. Drewett, P. as above Ch2 Renfrew, C. Barhn, P. 2001 <i>Archaeology: Theories</i> , http://www.archaeologyskills.co.uk/understanding-site-formation/182/ Millum, D. 2022 <i>To CAP it all</i> , 7.6
Week 1 – Monday am/pm 1. hr with intro in hall and then practical on site	4. Tools & Equipment: Spoil heaps: On site machinery: Demonstration, discussion, and then practical participation on site	What tools and equipment are used on archaeological sites and how to use them correctly. How and why we manage spoil heaps: What types of machinery you can expect to find on sites and why	To be proficient in using tools and equipment on archaeological sites safely: To have a good understanding of spoil heap management: To have a understanding of when machine excavation is desirable and the safety rules that apply:	Drewett, P. 1999(or 2011 2 nd ed.). <i>Field Archaeology: An Introduction</i> : Routledge. p15-19 Collis, J. 2004. <i>Digging up the Past</i> : Sutton, Ch.3. Roskams, S. 2004. <i>Excavation</i> : CUP, p.p 89 & 101 http://www.archaeologyskills.co.uk/handtools-large/750/ Millum, D. 2022. <i>To CAP it all</i> , Section 6
Week 1 – Monday pm. 3 hrs on site	5. Site excavation Practical demonstration, discussion, and participation	How to excavate on an archaeological site: Putting into action the basic handling of tools from Session 3	To gain the basic practical skills and become a proficient worker on an archaeological site taking consideration of Health & Safety as per Session 2.	Drewett, P. 1999(or 2011 2 nd ed.). <i>Field Archaeology</i> : Routledge. Ch6. Roskams, S. 2004. <i>Excavation</i> : Ch5. Collis, J. 2004. <i>Digging up the Past</i> : Sutton, Ch.3.

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Week 1 – Tues 3 hrs - site	6. Site excavation Continuation of previous site sessions Plus general practice	Putting into action the basic handling of tools from Session 3 plus context recording if not completed	To gain the basic practical skills and become a proficient worker on site. Know how to record what you do to CAPs required standard	As above Millum, D. 2022. <i>To CAP it all</i> , Sections 3, 6 & 7
Wk 1 – Wednesday 7 hrs – lectures and on site	7. Environmental sampling How and why we take samples and what they can tell us. Powerpoint plus Q & A session On site flotation Practical demonstration, discussion and participation	Value of charred remains. Sampling strategies. Processing and sorting methods including flotation. Carry out flotation on samples from site and learn how to sort coarse residues: Learn what the flots may contain:	To understand the process of taking bulk samples (charred plant & charcoal remains) and processing by mass flotation To have an understanding of sampling and sampling strategies To be competent in taking bulk samples and have a good understanding of processing by mass flotation and sorting	Allen, M.J. 2017. <i>Molluscs in Archaeology</i> . Oxford: Oxbow Books Drewett, P. 1999(or 2011 2 nd ed.). <i>Field Archaeology</i> : Routledge Ch8. Evans, J.G. 1978. <i>An Introduction to Environmental Archaeology</i> . London: Paul Elek Wilkinson, K. & Stevens, S. 2003. <i>Environmental Archaeology</i> . Stroud: Tempus Millum, D. 2022. <i>To CAP it all</i> , Section 12.
Wk 1 – Thursday 7 hrs on site	8. Site Surveys: Practical demonstration, discussion and participation	How to set up and use a dumpy level: How to set up and use a Total Station: How to set out a grid and locate objects using tapes:	To be proficient in using a dumpy level: To be competent in using a total station: To be proficient in setting out grids and be able to do basic surveying with tapes	Millum, D. 2022 <i>To CAP it all</i> , Section 4. Drewett, P. 1999(or 2011 2 nd ed.). <i>Field Archaeology: An Introduction</i> : Routledge Ch 4.
Wk 1 –Friday 7 hrs – at survey location	9. Geophysical Surveys Resistivity: Magnetometry: Ground Penetrating Radar: Downloading data: Practical demonstration, discussion and participation	To learn how to use the different machines available: Carry out a geophysical survey using Earth Resistance and Magnetometer equipment: See how to download data and manipulate on a computer	To be competent in using the geophysical machines and laying out and operating a suitable grid: To be competent in downloading the data and be able to manipulate the data to see the results of the survey:	Gaffney, C. Gater, J. 2004. <i>Revealing The Buried Past:</i> <i>Geophysics For Archaeologists</i> : Tempus. Clarke, A. 1996. <i>Seeing Beneath The Soil</i> : BT Batsford. Home site of David Staveley http://www.sussexarch.org.uk/geo/phys/snuffler.html#intro Millum, D. 2022. <i>To CAP it all</i> , Section 5.4

WEEK 2: Monday to Friday 9.30-5.30				
Wk 2 – Monday 3.5 hrs - In groups	10. Finds processing: 1 hr powerpoint then demonstration and practical participation NB. Students in two groups will change subject after lunchtime Other group on site excavation 3.5hrs	How to clean and preserve common types of finds including pottery, metal, glass and organic objects How to record and mark artefacts: Which items to leave to the specialist:	To become skilled in basic onsite cleaning and preservation techniques for common types of artefacts: To know what should NOT attempted on site To be proficient in recording and marking artefacts: See the type of artefacts present on site:	Orton, C. Tyres, P. Vince, A. 2005. <i>Pottery in Archaeology</i> : Cambridge University Press. http://potsherd.net/atlas/potsherd Author: P A Tyers Watkinson, D. Neal, V. 2001. <i>First Aid For Finds</i> : RESCUE: British Archaeological Trust. https://finds.org.uk/guides from Portable Antiquities Scheme

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1hr talk	11. Site recording The drawn record	How and why we record by drawing Sections & Site and Feature Plans	Be competent to draw sections Be competent to draw plans What to write on drawings How to fill in the registers Know why these procedures are still essential in this digital age	Drewett, P. 1999 <i>Field Archaeology: An Introduction</i> : Routledge. Ch7. Hawker, J M. 1999. <i>A Manual of Archaeological Field Drawing</i> : Edinburgh. Millum, D. 2022 <i>To CAP it all</i> , Section 9.
Wk 2 - Tues 3.5 hrs - In groups	Power point and practical demonstration, discussion and participation			
Wk 2 - uesday 3.5 hrs - In groups	12. Site excavation, sample flotation or finds processing Practical participation	Putting into action the skills you have learnt so far on the course in one or more activities	To refine the basic practical skills and become a proficient worker on an archaeological project	Drewett, P. 1999(or 2011 2 nd ed.). <i>Field Archaeology</i> : Routledge. Ch6. Collis, J. 2004. <i>Digging up the Past</i> : Sutton, Ch.3. Millum, D 2022. <i>To CAP it all</i>
Wk 2 - Wednesday 3.5 hrs lecture and on site	13. Archaeological photography We hope to arrange a Drone demo at some time during the course * Practical demonstration, discussion and participation	How to take on site photography: What types: Black & White, Colour Slide, Digital: Features: Artefacts: Working shots: The use of drones and pole mounted cameras for aerial photography.	To be competent in taking archaeological photos, on site and of artefacts: An understanding of light and shadows and the use of scales: To have a basic understanding of using camera poles and drones and the value of vertical shots of the site area	Drewett, P. 1999(or 2011 2 nd ed.). <i>Field Archaeology: An Introduction</i> : Routledge. Ch 7. *NB Demonstration from a qualified Octocopter / Drone flyer will be governed by availability and weather conditions.
Week 2 – Thurs 3.5 hrs lecture then practical	14. Standing Historic Buildings: recognition and recording Practical demonstration, discussion and participation	Learn how to recognise features of vernacular buildings and how these buildings can be recorded. An important area in both research and commercial practice	An introduction to recognising significant aspects of vernacular buildings. To have a basic knowledge of how standing buildings are recorded. This is an area of increasing importance in commercial and research projects.	Brunskill, R. W. 1971-2000 <i>Illustrated Handbook of Vernacular Architecture</i> : Faber Understanding Historic Buildings https://www.english-heritage.org.uk/publications/understanding-historic-buildings/ Harris, R. 2000. <i>Discovering Timber-Framed Buildings</i> : Shire.
Wk 2 Fri 7 hours	Excavation practice or an additional lecture or activity to be confirmed.	To be decided	To ensure that all subjects are covered fully or give an extra opportunity for a subject not covered in core programme	Any as above as appropriate or specific to be announced
Weeks 3 & 4	15. Putting into practice what you have learnt: 2 weeks of practical application. Most trainees will opt to be on site for most of this period but you can choose to be mainly based in finds processing. There may also be opportunities to undertake some of the other skills learned such as geophysics if this falls within the project design for this year's investigations. Help will be on hand so it's a time to ask about anything you are not sure about. NB: These 2 weeks can be taken later in the 6-week excavation period by negotiation (the first 2 weeks are however set as they contain training sessions that cannot be repeated on an individual basis.			

NB: site sessions can be rendered impractical by adverse weather which may require that either the schedule and/or location has to be changed. We will make every effort to complete the programme during the 2 weeks and will endeavour to arrange relevant alternatives on those days where the site is unavailable.

The schedule may also change in order due to the availability of tutors on particular days.

The times allocated to sessions may vary based on the number of students, the tutor's discretion and the time taken for a particular group to master the exercise.