



Standard Draft Preview

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Standard in development
L3: Archaeological technician
Version 2.0

Title of occupation

Archaeological technician

UOS reference number

ST0221

Core and options

No

Level of occupation

Level 3

Occupational maps data

Route: Creative and design

Pathway: Cultural Heritage and Visitor Attractions

Cluster: Collections and conservation technician

Typical duration of apprenticeship

15 months

Minimum hours for compliance

390 hours

Resubmission

No

Would your proposed apprenticeship standard replace and existing framework?

No

Does professional recognition exist for the occupation?

No

Regulated occupation

Is this a statutory regulated occupation?

No

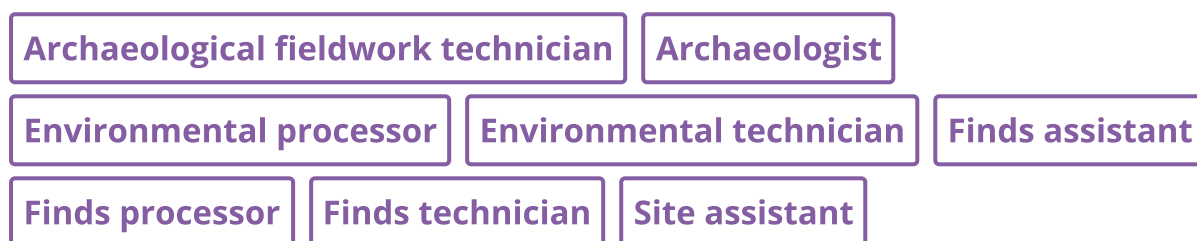
Occupational summary

Archaeological Technicians provide support to Archaeologists undertaking usually commercially funded Archaeological Investigation, which may comprise surveys, excavations and post-excavation analysis. Those working within Archaeological Investigation are responsible for the safe undertaking of surveys, excavations, analyses, publications and archiving, in accordance with industry standards and guidelines including, but not exclusive to, those of the Chartered Institute for Archaeologists CIfA. An Archaeological Technician may work on site or in a laboratory. Their work could involve contributing to intrusive and non-

intrusive Archaeological Investigation by: assisting with manual excavation of archaeological deposits; assisting with recovery of artefacts and environmental samples; assisting with data gathering tasks and site surveys; undertaking the processing of artefacts and soil samples; washing, labelling, bagging and cataloguing artefacts; processing and sorting environmental samples; data entry; archiving of materials, records and digital data. An Archaeological Technician could work in the private, public or charitable sector, and for organisations of all sizes.

Providing support during archaeological investigations, which may comprise surveys, excavations and post-excavation analysis.

Typical job titles



Are there any statutory / regulatory or other typical entry requirements?

No

Occupation duties

DUTY	KSBS
Duty 1 Contribute to archaeological investigation projects. For example: evaluation, excavation and watching briefs; to organisational and sector standards using correct equipment and techniques, in a variety of conditions and on a range of site types.	K1 K2 K3 K4 K7 K8 K12 K13 K14 K15 K17 S1 S2 S3 S4 S5 S6 S8 S9 S10 S11 S13 S14 B1 B2 B3 B4 B5 B6
Duty 2 Record archaeological remains and materials, using methods such as drawn and measured plans, descriptive text records and photography.	K1 K2 K9 K10 K12 K13 K14 K15 K17 S1 S2 S3 S4 S5 S6 S8 S9 S10 S11 S13 S14 S16 B1 B2 B3 B4 B5 B6
Duty 3 Understand and work in accordance with project or research designs or Written Schemes of Investigation WSIs.	K4 K5 K6 K8 K13 K14 S1 S8 S10 S11 S16 B1 B2 B4 B5
Duty 4 Research and compile information on the historic environment through desk-based or site-based investigations.	K1 K3 K5 K6 K11 S3 S4 S7 S9 S10 S11 S13 S14 S16 B2 B3 B4 B5
Duty 5 Identify and process artefacts, ecofacts and environmental samples, including collection, recording and archiving.	K1 K9 K10 K11 S2 S3 S4 S5 S6 S8 S9 S10 S11 S13 S14 B2 B4 B5
Duty 6 Work with archaeological records and digital data, including collection and storage.	K3 K4 K5 K10 K11 K13 K14 K17 S3 S4 S6 S9 S10 S11 S13 S14 B2 B4 B5
Duty 7 Present and communicate archaeological results through written, digital and other means.	K10 K11 S7 S10 B2 B3 B4 B5

Duty 8 Work in compliance with health and safety legislation, industry guidance and organisational policies to ensure the health, safety and wellbeing of self and others in field and office environments.	K13 K14 K15 K18 K21 K22 S8 S9 S10 S11 S12 S13 S14 S15 S16 B1 B3 B4 B5 B6
Duty 9 Work independently and collaboratively on varied projects to meet professional and ethical standards and to meet deadlines.	K4 K13 K14 K15 S10 S11 S12 S14 B2 B4 B5 B6
Duty 10 Communicate effectively with colleagues and stakeholders using industry terminology where required.	K1 K6 K15 S3 S4 S6 S7 S10 B2 B3 B5 B6
Duty 11 Commit to continuous learning and professional development to maintain knowledge of current and future developments affecting the role.	K14 K16 K19 K21 S12 B4 B5
Duty 12 Demonstrate awareness of climate change impacts on archaeology and archaeological practice and commit to implementing sustainable working practices.	K6 K14 K17 K20 S2 S9 S13 S16 B2 B5

KSBs

Knowledge

K1: Archaeological periods and chronology in the UK.

K2: Archaeological site types, artefacts, ecofacts and terminology found in the UK.

K3: Stratigraphy and archaeological site formation processes.

K4: How and why archaeological investigation is carried out in England, including through the planning process and other consent or management regimes.

K5: The different sources and types of data and collections available for archaeological fieldwork and research; for example, the National Heritage List for England NHLE, Historic Environment Records HERs, the Archaeology Data Service ADS local and national archives and libraries.

K6: The role and purpose of project-specific Written Schemes of Investigations WSIs and Project or Research Designs.

K7: The role and purpose of different specialist archaeological report types

K8: The stakeholders involved in archaeological investigations, public, client, customers, local and national organisations

K9: The different types of archaeological investigation and the commonly used tools, equipment and techniques for these.

K10: Procedures and practices to suit different ground, soil, weather conditions, archaeological materials, logistical and client requirements.

K11: The procedures for short-term artefact and sample protection, stabilisation, storage and transport.

K12: Short-term artefact and sample protection, stabilisation and storage principles. The safe recovery and packing of fragile artefacts, correct labelling of artefacts and samples, and ensuring correct short-term storage and safe/secure transportation

K13: Written and verbal communication techniques for reporting on results to different audiences; including use of spreadsheets and databases.

K14: Methods of safe working under UK health and safety legislation; including risk assessments, method statements, control measure application and safe systems of work.

K15: Organisational procedures including, operational including health and safety and EDI, technical manuals and recording systems.

K16: Industry Chartered Institute for Archaeologists ClfA standards. Specifically, the ClfA Standards and Guidance for Archaeological Excavation, Watching Brief, Field Evaluation and Archives.

K17: Professional ethics in archaeology.

K18: How own role contributes and impacts the wider team, project objectives and internal and external stakeholders

K19: Learning and development opportunities including the benefits of keeping up to date with emerging technologies.

K20: Approaches to sustainability and the efficient use of resources.

K21: Factors that can affect wellbeing, where to access resources and support, if needed.

K22: Principles of equity, diversity, and inclusion in the workplace.

Skills

S1: Investigate, interpret and record archaeological sites and heritage assets in accordance with professional standards and the project design, method statement or Written Schemes of Investigation

S2: Select and use equipment, tools and techniques for archaeological investigation. For example, hand tools, survey, recording and measuring equipment, artefact sampling, collection packaging, labelling and processing equipment

S3: Record data using field records. For example: plans, sections, pro-forma context recording sheets and databases.

S4: Identify and collect artefacts and environmental samples

S5: Catalogue data recovered from archaeological investigations. For example, archaeological context records, environmental and geological samples, artefacts and ecofacts

S6: Package, label and preserve artefacts and samples for storage and transportation.

S7: Contribute to the preparation of archaeological site archives and materials for deposition

S8: Present and report on work to different audiences involved in archaeological investigations, public, client, customers, local and national organisations.

S9: Comply with health and safety legislation, risk assessments, method statements and apply control measures

S10: Conduct work in line with Employer's and industry procedures ClfA Standards and Guidance for Archaeological Excavation, Watching Brief, Field Evaluation and Archives

S11: Work to set schedules, meet timelines, communicate and escalate issues when required

S12: Work collaboratively with internal and external stakeholders, as part of a team

S13: Access and record continuing professional development activities in line with organisational requirements

S14: Apply professional judgement within a framework of ethical principles.

S15: Interpret policy and support the delivery of equity, diversity and inclusion in the workplace

S16: Conduct work in a way that is sensitive and responsive to the cultural, historic and spiritual context of objects and structures.

Behaviours

B1: Take reasonable care for the health and safety of themselves and of others who may be affected by their acts or omissions at work.

B2: Work individually and as part of a team

B3: Be approachable and able to communicate with all levels of their own and other organisations, as well as the general public

B4: Commit to maintaining quality standards and their own continuing professional development.

B5: Take personal responsibility for environment and sustainable working practices

B6: Contribute to an inclusive workplace for example, respecting different views

Qualifications

English and maths

English and maths qualifications must be completed in line with the apprenticeship funding rules.

Does the apprenticeship need to include any mandated qualifications in addition to the above-mentioned English and maths qualifications?

No

Consultation

Both sector and IfATE consultations undertaken

Progression routes

ST0769 Archaeological specialist (degree) L7

Supporting uploads

Mandatory qualification uploads

Mandated degree evidence uploads

Professional body confirmation uploads

Subject sector area

10.2 Archaeology and archaeological sciences