

WM3F9-30 Work Based Project (DTS-UG)

27/28

Department

WMG

Level

Undergraduate Level 3

Module leader

Alaa Al Sebae

Credit value

30

Module duration

42 weeks

Assessment

Multiple

Study locations

University of Warwick main campus, Coventry Primary

Distance or Online Delivery

Description

Introductory description

The work-based project module offers students the opportunity to undertake a significant piece of work-based research, that adds value to the organisation, acting as the major project portion of the academic programme. The module helps students to identify an appropriate work-based scenario that can be used to produce a piece of work with appropriate academic rigour for the level of programme and that adds value to the organisational context. Proposals will be generated by students in discussion with managers, colleagues and University academic staff. With the project being focused on the workplace supervision will be undertaken by both the University and the organisation to ensure alignment with parallel objectives. In the case of Degree Apprenticeship students the work-based project will constitute the End Point Assessment for integrated standards. The work based project is expected to cover KSBs for each stream as defined in the DTS Standard.

Module aims

The aim of this module is to facilitate the conduct and reporting of practitioner enquiry of relevant to a specific work context.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

Work-based and self-directed learning

Management and organisation of self and work-based project

Developing practitioner research skills and applying them within a specific work context

Selecting a project and generating research questions

Formulation of relevant objectives to address academic and organisational needs

Scoping and management of the project

Development of a robust proposal

Carrying out literature research

Primary research methods

Data analysis methods relevant to the chosen topic

Presentation of results

Presentation of the project to meet academic and organisational needs through written and verbal methods

Learning outcomes

By the end of the module, students should be able to:

- Plan an individual project in an area of research that enables the demonstration of work-based skills while addressing a specified business need [CITP 2.1.2, 2.1.12, 2.2.1,2.2.5] [AHEP4 C2]
- Critically analyse literature relevant to the chosen research topic [CITP 2.2.5] [AHEP4 C4]
- Evaluate, design and apply appropriate methods to enable the achievement of the stated aims and objectives to meet the specified business need [CITP 2.1.2, 2.1.6, 2.1.10, 2.1.12, 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.6] [AHEP4 C1, C, C3, C5., C6, C9, C10, C11, C13]
- Analyse the legal, social, professional, and ethical principles associated with the project from research and business perspective, adhering to relevant professional codes throughout [CITP 2.1.13][AHEP4 C7, C8, C11]
- Critically present the outcomes of the project and demonstrate the successful achievement of the project in line with the specified business need [AHEP4 C17]
- Critically reflect on the KSBs, plan and record progress to achieve the project [AHEP4 C18]
- Present and discuss the project outcomes effectively using an appropriate range of media [AHEP4 C17]

Indicative reading list

[Specific reading list for the module](#)

Research element

The work-based project represents the significant project on the programme and also fulfils EPA

requirements for degree apprenticeship students. As with all major projects it will develop the ability to make a reasoned selection of approaches to the research methodology, data collection techniques and data analysis and will further develop skills in explaining how these are appropriate to the aims and objectives of the WBL project.

Subject specific skills

This will depend on the topic of the project, but elements of the course will be referenced and applied throughout the project to include, where relevant, the knowledge, skills and behaviours that apprentices are required to demonstrate.

The project is seen as an opportunity to aggregate the subject skills developed throughout the course and synthesise them to address an identified, real world, business need. . The project will be expected to cover stated KSB the DTS Standard (<https://www.instituteforapprenticeships.org/apprenticeship-standards/digital-and-technology-solutions-professional-v1-2>). The list of KSBs is as follows:

The following Core KSBs apply to all degree streams:

K1 K2 K3 K4 K5 K15 K17 K18

S1 S2 S3, S5 S6 S13 S14

B3

The following additional KSBs apply to the Network Engineer stream:

K61 K62 K66

S56 S57 S60 S62 S63

The following additional KSBs apply to the Software Engineer stream:

K25 K26 K27

S16 S17 S18 S19 S22

The following additional KSBs apply to the Cyber Security Analyst stream:

K45 K51 K52

S40 S42 S44 S46 S47

The following additional KSBs apply to the Data Analyst stream:

K54 K56 K58

S50 S52 S53 S54 S55

Transferable skills

The ability to identify, analyse, synthesise and evaluate a range of sources of knowledge and evidence including secondary and primary methods of research.

Demonstrate an in depth understanding of ethical principles and a systematic understanding and coherent application of professional codes relevant to the WBL project.

An ability to critically reflect upon how the WBL project has been planned and put into operation.

An ability to present the outcomes of the research project using a range of methods depending on the requirements of the audience.

Study

Study time

Type	Required
Seminars	5 sessions of 1 hour (2%)
Project supervision	10 sessions of 1 hour (5%)
Work-based learning	75 sessions of 1 hour (36%)
Online learning (independent)	(0%)
Assessment	120 hours (57%)
Total	210 hours

Private study description

No private study requirements defined for this module.

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Assessment group D

	Weighting	Study time	Eligible for self-certification
Interim Report	10%	12 hours	Yes (extension)
Detailed project proposal - includes rationale and context, indicative methods and impact statement. Upon successful completion, this report will serve as the 'Project Title and Summary' component for the Gateway. Should a student fail this component, they are not required to resit it; however, they must instead submit an unweighted 'Project Title and Summary' as part of their Gateway requirements			
Written Project	50%	60 hours	Yes (extension)
A final written project that assesses apprentices' ability to undertake a significant piece of work with real business application.			
Project Presentation	20%	24 hours	No
The purpose of this assessment is to deliver a presentation on the outcome of the project and			

	Weighting	Study time	Eligible for self-certification
answer questions from an independent assessor, demonstrating understanding of the KSBs mapped to this method.			
Professional Discussion	20%	24 hours	No
The purpose of this method is to demonstrate relevant KSBs through a structured two-way conversation with an independent assessor. Apprentices can access their portfolio of evidence to underpin the discussion; it is not directly assessed but serves as a reference point for their answers.			

Assessment group R

	Weighting	Study time	Eligible for self-certification
Written Project	60%		No
A final written project that assesses apprentices' ability to undertake a significant piece of work with real business application.			
Project Presentation	20%		No
The purpose of this assessment is to deliver a presentation on the outcome of the project and answer questions from an independent assessor, demonstrating understanding of the KSBs mapped to this method.			
Professional Discussion	20%		No
The purpose of this method is to demonstrate relevant KSBs through a structured two-way conversation with an independent assessor. Apprentices can access their portfolio of evidence to underpin the discussion; it is not directly assessed but serves as a reference point for their answers.			

Feedback on assessment

Written feedback on Project report or artefact plus critical commentary.
Oral feedback on presentation

[Past exam papers for WM3F9](#)

Availability

Pre-requisites

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Courses

This module is Core for:

- Year 4 of UWMS-H65E Undergraduate Digital and Technology Solutions (Cyber)
- Year 4 of DWMS-H655 Undergraduate Digital and Technology Solutions (Cyber) (Degree Apprenticeship)
- Year 4 of UWMS-H65B Undergraduate Digital and Technology Solutions (Data Analytics)
- Year 4 of DWMS-H652 Undergraduate Digital and Technology Solutions (Data Analytics) (Degree Apprenticeship)
- Year 4 of UWMS-H65C Undergraduate Digital and Technology Solutions (Network Engineering)
- Year 4 of DWMS-H653 Undergraduate Digital and Technology Solutions (Network Engineering) (Degree Apprenticeship)
- Year 4 of UWMS-H65D Undergraduate Digital and Technology Solutions (Software Engineering)
- Year 4 of DWMS-H654 Undergraduate Digital and Technology Solutions (Software Engineering) (Degree Apprenticeship)