



**Module Definition Form (MDF)**

**Module Code:** EJ115881S **Version:** 2 **Date amended:** 29<sup>th</sup> November 2006

**1. Module Title:** *maximum 100 characters*

**Understanding the Work Sector**

<b>2a. Module Leader:</b>	<b>2b. Department:</b>	<b>2c. Faculty:</b>
A Winckles	Computing and Technology	Science and Technology

<b>3a. Level:</b> <i>see guidance notes</i>	<b>3b. Module Type:</b> <i>see guidance notes</i>
1	Standard

<b>4a. Credits:</b> <i>see guidance notes</i>	<b>4b. Study Hours:</b> <i>see guidance notes</i>
15	150

**5. Restrictions**

<b>Pre-requisites:</b>	None
<b>Co-requisites:</b>	None
<b>Exclusions:</b>	None
<b>Pathways to which this module is restricted:</b>	None

**LEARNING, TEACHING AND ASSESSMENT INFORMATION (for inclusion in the Module Guide)**

**6a. Module Description:** *200 – 300 words*

This module is intended to support the development of understanding of the nature of the work sector in the broadest sense including the environments in which the sector operate, its performance within these contexts and factors that influence the operation of organisations. Students will explore the impact of political, social and economic factors on the sector and consider the legal and ethical frameworks informing the sector. Students will also reflect on their current role or potential roles within the work sector.

The IT sector is an ever changing work place so there is not only a need for the student to gain an understanding of how the work sector operates at the present but to look forward to how the sector may change in the near future. Consideration must be taken of what are the drivers for change and how they influence the sector.

Learning will be mainly through taught sessions though students will be encouraged to share experiences and contribute to class discussions in tutorial sessions. Formative exercises will be given to encourage the discussion of issues relating to the IT sector and their possible role within it. Students will be assessed on a written report which will consider a current IT issue.

**6b. Outline Content:**

- Review common models for software and business systems
- Administration and Management
  - Project planning; quality management; case studies of successful organisations
- Managing change
  - Change and configuration management for software, systems and organisations; teambuilding; business modelling and business process re-engineering
- Opportunities and constraints
  - Social; economic; cultural; political and legal implication of new business/social/technological trends
- Contract issues
  - Service and product delivery; service level agreements
- Copyright and IPR

**6c. Key Texts/Literature:**

- Somerville, I, 2000, *Software Engineering*, Addison Wesley.
- Brooks, F.P, 1995, *The Mythical Man Month Reissued*, Addison Wesley.
- Maylor, H, 2003, *Project management*, Prentice Hall.
- Thornhill A. et al, 2000, *Managing Change*. Prentice Hall.

**6d. Specialist Learning Resources:**  
MS-Project software or equivalent

**7. Learning Outcomes (threshold standards):**

	On successful completion of this module the student will be expected to be able to:
<b>Knowledge and understanding</b>	1. Demonstrate understanding of the sector as a whole by identifying the differing areas within it and outlining opportunities for employment and career progression.
<b>Intellectual, practical, affective and transferable skills</b>	2. Analyse the impact of political, economic, social and technological factors on the sector. 3. Analyse external factors affecting the sector as a whole, including markets, consumers. 4. Reflect on basic business practice as it operates at a practical level within the work sector.

**8. Learning Activities**

Learning Activities	Hours	Learning Outcomes	Additional Comments (including details of use of web-CT)
Teacher managed learning:	36	1,2,3,4	Group and individual tutorials and seminars (or equivalent)
Student managed learning:	114	1,2,3,4	
<b>TOTAL</b>	<b>150</b>		

**9. Assessment**

Assessment Method	% contribution to module mark or P/F	Learning Outcomes
Report	100	1, 2, 3, 4

**In order to pass this module, students are required to achieve an overall mark of 40%**  
**In addition, students are required to (a) for each element of fine graded assessment listed above, achieve a minimum mark of 30% (or higher - see Module Guide) and (b) pass any pass/fail elements**

**OTHER TECHNICAL DETAILS**

**10. Delivery of the Module** *Please delete as appropriate*

Delivery	This module is delivered over...	Yes or No?	Indicate which by deleting as appropriate		
1	...a single semester	Y	Semester 1	Semester 2	
3	...a single trimester	Y	Trimester 1	Trimester 2	Trimester 3

**11. Learning Activities – further details**

Learning Activities	Details of duration and frequency of learning activities
Teacher managed learning:	Lectures, tutorials and/or online delivery equivalent to 36 hours.
Student managed learning:	114 hours of private study of class/online notes and preparation of report materials

**12. Module Assessment – further details**

Method	Length/duration	Fine graded (FG) or pass/fail (PF)	Minimum Qualifying Mark <i>see guidance notes</i>	Comments
Report	3,000 words	FG	30%	Investigative study.

**13. Subject:** *see guidance notes*