

MODULE SPECIFICATION

Name of Module		Project management					
Parent School/Dept		Computer Science					
Programme(s) where module is offered		BSc Computer Science with Electrical Engineering; BSc Computer Science with Economics; BSc Computer Science with Business; BSc Computer Science with International Relations; BSc Computer Science with Political Science;					
Status (core, option, free choice)		Core		Pre-Requisite Modules or Qualifications		-	
FHEQ Level	5	Unit Value	6 ECTS	Module Code	CS330	Module coordinator	Dzermal Zildzic
Term taught		Fall		Applicable From		2019	

Educational Aims of the Module

This main goal of the module is to develop the competencies and skills for planning, executing and controlling projects and understanding critical issues that drive successful project outcomes. During the course, students will be able to learn the key aspects that should be defined before starting the project, such as: project charter, schedules, risks, and teams-resources to produce a desired outcome, Also this course guides students through the fundamental project management tools and behavioral skills necessary to successfully launch, lead, and realize benefits from projects.

Module Outline/Syllabus

- What is Project/Project Management/Project Manager
- Methodologies
- Organisational influence and project life cycle
- IT project management lifecycle
- Project management processes
- Project integration management
- Project scope management
- Project time management
- Project cost management
- Project human resource management
- Project communication management
- Project risk management

Student Engagement Hours

Type	Number per Term	Duration	Total Time
Lectures	30	2 hour	60 hours
Laboratory sessions and Seminars	30	1 hours	30 hours
Total Guided/Independent Learning Hours			60
Total Contact Hours			90
Total Engagement Hours			150

Assessment Method Summary

Type	Number Required	Duration / Length	Weighting	Timing/Submission Deadline
Assignments	3	Practical and/or ~3000 words	30%	Throughout semester
Project (group)	1	~3000 words	20%	Week 14
Final Exam	1	3 hours	50%	End of semester

Module Outcomes

<p><u>Intended Learning Outcomes:</u></p> <ol style="list-style-type: none"> 1. Demonstrate a systematic understanding of the core concepts and principles of Project management. 2. Critically analyze the structure of a given problem in a way that they can choose an appropriate paradigm in which to frame that problem. 3. Critically evaluate the significance of each stage of the project lifecycle 	<p>→</p>	<p><u>Teaching and Learning Strategy:</u></p> <p>The planned lectures provide an overview of the technical material, and guide the acquisition of material available in the text. Tutorials, discussions and laboratory time are used to work through formal exercises and problems.</p> <p>Tutors provide regular presentations of solutions with feedback and discussion with students. (ILO:1-3)</p>
<p><u>Practical Skills</u></p> <ol style="list-style-type: none"> 1. Establishing project charter and project file 2. Practical use of project management tool: Microsoft project. 	<p>→</p>	<p><u>Teaching and Learning Strategy:</u></p> <ol style="list-style-type: none"> 1. Lab exercises with tutor-lead support (PS:1-2) 2. Use of midterm to test student subject knowledge (PS:1-2) 3. Lectures and assignments (PS:1-2)
<p><u>Transferable Skills</u></p> <ol style="list-style-type: none"> 1. Problem solving skills 2. Oral and written presentation skills 3. Team work 4. Critical thinking 	<p>→</p>	<p><u>Teaching and Learning Strategy:</u></p> <ol style="list-style-type: none"> 1. Lab exercises (TS:1-4) 2. Homework exercises (TS:1-4) 3. Lectures and tutorials (TS:1-4)
	<p>→</p>	<p><u>Assessment Strategy</u></p> <ol style="list-style-type: none"> 1. Exams (PS:1-2)
	<p>→</p>	<p><u>Assessment Strategy</u></p> <ol style="list-style-type: none"> 1. Exams (TS:1;4) 2. Quizzes and written assignments (TS:1-4)

Key Texts and/or other learning materials

Set Text

A guide to the Project Management Body of Knowledge (PMBOK guide) (PMBOK Guides), Published by Project Management Institute, 2017

Supplementary materials:

Kerzner, H., Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 12th Edition, ISBN-13: 978-1119165354, ISBN-10: 9781119165354

Please note: This specification provides a concise summary of the main features of the module and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each module and programme can be found in the departmental or programme handbook. The accuracy of the information contained in this document is reviewed annually by the University of Buckingham and may be checked by the Quality Assurance Agency.

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Date approved by School Learning and Teaching Committee	
Date approved by School Board of Study	
Date approved by University Learning and Teaching Committee	
Date of Annual Review	