

1.	Name of Course				Project Management	
2.	Course Code				CICT3573	
3.	Name(s) of academic staff					
4.	Rationale for the inclusion of the course/module in the programme				Faculty The reason of inclusion of the course is to help students to critically evaluate and use appropriate project management techniques to complete a non-trivial planning task on time and to the required standard, and present the results both in writing and verbally..	
5.	Semester and Year offered				1/3	
6.	Total Student Learning Time (SLT)	Face to Face			Total Guided and Independent Learning	
	L = Lecture T = Tutorial P = Practical O= Others	L	T	P	O	Independent = 84 Total =126
		28	14			
7.	Credit Value				3	
8.	Prerequisite (if any)				none	
9.	Objectives: This course is designed to expose students to steps and techniques of project management for Information Technology. The contents of the course will cover aspects of project scope, time, cost, quality, human resource, communications and risks. It is also aimed at giving students a hands-on experience of using a project management CASE tool.					
10.	Learning outcomes: Upon completion of this subject, students should be able to: 1. Select and apply a variety of tools and techniques in project management. 2. Coordinate and work in a team to design, build and demonstrate a working IT project. 3. Produce essential management documents for a project including; • Project scope management plan • Project schedules, Gantt Charts, Network diagrams and PERT charts • Project cost estimate and budget • Project quality assessment plan using Pareto analysis, statistical sampling, six sigma and quality control charts • Project organizational chart, responsibility management matrix and resource histogram • Project communications plan and stakeholder communications analysis • Risk Register					
11.	Transferable Skills: • skills that are fundamental to a successful career by working in a team to design, build and demonstrate a working IT project. • Demonstrate and present the project in writing and verbally.					

12.	Teaching-learning and assessment strategy A variety of teaching and learning strategies are used throughout the course, including: • Classroom lessons: Lectures and Power Point presentations • Tutorial sessions: • brainstorming; • student-Lecturer discussion • collaborative and co-operative learning; • Independent study. Assessment strategies include the following: • Ongoing quizzes • Midterm tests • Performance Assessment (project, Assigned exercises) • Lecturer Observation																																			
13.	Synopsis: This course introduces students to the complete project management lifecycle, practice on project management techniques and CASE tools. The contents of the course includes: 1. Introduction to Project Management 2. The Project Management and Information Technology Context 3. The Project Management Process Groups 4. Project Integration Management 5. Project Scope Management 6. Project Time Management 7. Project Cost Management 8. Project Quality Management 9. Project Human Resource Management and Project Procurement Management 10. Project Communications Management and Project Risk Management																																			
14.	Mode of Delivery: Classroom lessons: and Tutorial sessions																																			
15.	Assessment Methods and Types: The assessment for this course will be based on the following: <table><tr><td>Coursework</td><td>50%</td></tr><tr><td>• Quizzes</td><td>10%</td></tr><tr><td>• Project and assignments</td><td>20%</td></tr><tr><td>• Mid-Semester Exam</td><td>20%</td></tr><tr><td>Final Examination</td><td><u>50%</u></td></tr><tr><td></td><td>100%</td></tr></table>												Coursework	50%	• Quizzes	10%	• Project and assignments	20%	• Mid-Semester Exam	20%	Final Examination	<u>50%</u>		100%												
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16.	Mapping of the course/module to the Programme Aims <table><tr><td>A1</td><td>A2</td><td>A3</td><td>A4</td><td>A5</td><td>A6</td><td>A7</td><td>A8</td><td>A9</td></tr><tr><td>0</td><td>1</td><td>3</td><td>4</td><td>1</td><td>3</td><td>2</td><td>1</td><td>0</td></tr></table>												A1	A2	A3	A4	A5	A6	A7	A8	A9	0	1	3	4	1	3	2	1	0						
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0	0	0	4	2	1	2	3	2	2	1	0																									

18.	Content outline of the course/module and the SLT per topic					
		Details	SLT			
	L		T	Indep.	Total	
	Topic 1	Introduction to Project Management • Definition of a project • Definition of Project management • Role of a Project Manager • History of Project management • The Project Management Profession	2	1	6	9
	Topic 2	The Project Management and Information Technology Context • A systems view of Project Management • Understanding organizations Stakeholder Management • Project phases and life cycle • The context of IT projects	2	1	6	9
	Topic 3	The Project Management Process Groups • Project Management process groups • Developing an IT Project Management Methodology	2	1	6	9
	Topic 4	Project Integration Management • Project Integration Management • Strategic Planning and project selection • Preliminary scope statements • Project Management plans • Project executions • Monitoring and controlling project work • Integrated change control • closing project	2	1	6	9
	Topic 5	Project Scope Management • Definition of Project Scope Management • Scope Planning • Scope Definition and Project Scope Statement • Creating the work breakdown Structure • Scope verification • Scope control	2	1	6	9
Topic 6	Project Time Management • Importance of project schedules • Activity definition • Activity sequencing • Activity resource estimating • Activity duration estimating • Schedule development • Schedule control	2	1	6	9	

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Topic 7	Project Cost Management • Importance of Project Cost Management • Basic Principles of Cost Management • Cost Estimating • Cost Budgeting • Cost Control	2	1	6	9
Topic 8	Project Quality Management • Project Quality Management • Quality Planning • Quality Assurance • Quality Control • Tools and Techniques for Quality Control • Modern Quality Management • Improving Information Technology Project Quality	2	1	6	9
Topic 9	Project Human Resource Management • Project Resource Management • Keys to Managing People • Human Resource Planning	2	1	6	9
Topic 10	• Acquiring the Project Team • Developing the Project Team • Managing the Project Team	2	1	6	9
Topic 11	Project Communications Management • Project Communications Management • Communications Planning • Information Distribution • Performance Reporting • Managing Stakeholders	2	1	6	9
Topic 12	Project Risk Management • Managing Stakeholders • Managing Stakeholders • Common Sources of Risk on IT Projects • Risk Identification • Risk Response Planning • Risk Monitoring and Control	2	1	6	9
Topic 13	Project Procurement Management • Project Procurement Management • Planning Purchases and Acquisitions • Planning Contracting	2	1	6	9
Topic 14	• Requesting Seller Responses • Selecting Sellers • Administering the Contract • Closing the Contract	2	1	6	9
	Total	28	14	84	126

19.	Main references supporting the course: 1. Jack T. Marchewka, Information Technology Project Management, third edition, Wiley, 2009 2. Kathy Schwalbe, Information Technology Project Management, sixth Edition, Course Technology, 2009 Additional references supporting the course: 1. Cynthia Snyder and Frank Parth, Introduction to IT Project Management, Management Concepts Inc., 2007.
20.	Other additional information All materials will be available to the students online.