



FAKULTI TEKNOLOGI DAN KEJURUTERAAN

PROGRAM	Diploma in IT System Support
COURSE NAME	Project management
COURSE CODE	DTS 5013
CREDIT HOUR	3
SYNOPSIS	The subject is to teach the activities and issues on the management of software engineering projects. Processes recommended in the PMBOK described in detail include project initiation, project planning, project management, implementation and project closure. Key knowledge areas such as cost management, quality management, human resource management, communications management, risk management and procurement management are explained, along with examples of case studies of successful and problematic.
COURSE STRUCTURE	
CHAPTER	TOPICS
1	Introduction to Project Management 1.1 Importance of software project management 1.2 Stages Of Project 1.3 Stakeholder of Project 1.4 Project Management Framework 1.5 Software Tools for Project Management 1.6 Title project selection



2	Project Planning 2.1 Integration Management 2.2 Scope Management 2.3 Stepwise Project Planning 2.4 Use of Software (Microsoft Project) to Assist in Project Planning Activities 2.5 Project Scheduling
3	Project Scheduling 3.1 Time Management 3.2 Project Network Diagrams 3.3 Use of Software (Microsoft Project) to Assist in Project Scheduling)
4	Project Cost Management 4.1 Importance and Principles Of project Cost Management 4.2 Resource Planning 4.3 Cost Estimating 4.4 Cost Budgeting 4.5 Cost Control 4.6 Use of Software (Microsoft Project) to assist in Cost Management 4.7 Project Quality Management
5	Project Quality Management 5.1 Quality of Information Technology 5.2 Stages of Software Quality Management 5.2.1 Quality Planning 5.2.2 Quality Assurance 5.2.3 Quality Control 5.2.4 Quality Standards 5.2.5 Tools and Techniques for Quality Control



6	Project Human Resources Management 6.1 What is Project Human Resources Management? 6.2 Keys To Managing People 6.3 Organizational Planning 6.4 Issues in Project Staff Acquisition and Team Development 6.5 Using Software to Assist in Human Resource Management
7	Project Communication Management 7.1 Communication Planning 7.2 Information Distribution 7.3 Performance Reporting 7.4 Administrative Closure 7.5 Suggestions for Improving Project Communications 7.6 Using Software to Assist in Project Communications
8	Project Risk Management 8.1 The Importance of Project Risk Management 8.2 Common Sources of Risk in IT projects 8.3 Risk Identification 8.4 Risk Quantification 8.5 Risk Response Development and Control 8.6 Using Software to Assist in Project Risk Management
9	Project Procurement Management 9.1 Importance of Project Procurement Management 9.2 Procurement Planning 9.3 Solicitation 9.4 Source Selection



	<p>9.5 Contract Administration</p> <p>9.6 Contract Close-out</p>
10	<p>Topic 10: Project Management Process Groups</p> <p>10.1 Introduction to Project Management Process Groups</p> <p>10.2 Project Initiation</p> <p>10.3 Project Planning</p> <p>10.4 Project Executing</p> <p>10.5 Project Controlling and Configuration Management</p> <p>10.6 Project Closing</p>
References:	<p>1. Stanley E. Portny, Project Management Dummies, 2017. Kindle Edition.</p> <p>2. Loul Russel, Project Management for Trainers, 2016. Second Edition.</p>