FAKULTI TEKNOLOGI DAN KEJURUTERAAN

PROGRAM	Diploma in Computer Network
COURSE NAME	Project management
COURSE CODE	DNC 5043
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 4Cost 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

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