Course Syllabus

Department:	**DEP_COMP_SCI**
Course Code:	**CSS 465**
Course Title:	**Project Management**
Semester:	**1**
Degree Cycle (Level):	**CSS 465**
Course Type:	**Normal**
Language of Instruction:	**English**

Requisites

Type	Program Code	Educational Program	Course Title	Consent status
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Course Description

This course is aimed at the formation of: an understanding of the methods and generally accepted practices of project management; basic skills in initiating, planning, monitoring and controlling the implementation of projects, as well as processes for completing projects; basic skills of using project management information systems. The course involves the use of active teaching methods (analysis of the situation, case studies, brainstorming, role-playing and business games, the use of video and audio materials).

Instructor(s)

Name Surname	Degree	Contact Information
Assyl Abilakim	Master	assyl.abilakim@sdu.edu.kz

Academic Skills

No	Skill
1	Read technical literature skills
2	Learn subject from online book
3	Solve problems and make decisions
4	Analyze and synthesize from different resources
5	Develop Lifelong education and self-study

Weekly Plan

Week No	Topics	Activity
1	Introduction to Project Management ● Definition and Importance of Project Management ● The Project Lifecycle and Process Groups ● Project Manager Roles and Responsibilities	Analyzing a Simple Project
2	Project Initiation and Stakeholder Analysis ● Defining the Project Scope and Objectives ● Stakeholder Identification and Analysis ● Project Charter Development	Exercise: Creating a Project Charter
3	Project Planning: Scope Management ● Work Breakdown Structure (WBS) ● Scope Statement and Management Plan	Project checking Workshop: Developing a WBS
4	Project Planning: Schedule Management ● Project Timeline and Milestones ● Gantt Charts and Network Diagrams ● Critical Path Method (CPM)	Exercise: Creating a Project Schedule ● Quiz 1
5	Project Planning: Cost Management ● Estimating Costs and Budgeting ● Cost Baseline and Management Techniques	Workshop: Budgeting for a Project
6	Project Control: Risk Management ● Risk Identification, Analysis, and Prioritization ● Risk Response Strategies and Planning	Exercise: Risk Assessment Project checking

7	Project Control: Quality Management ● Quality Planning, Assurance, and Control ● Quality Standards and Metrics	Case Study2: Quality Management in Projects
8	Project Planning: Human Resource Management ● Building a Project Team ● Roles and Responsibilities Assignment	Workshop: Team Formation and Role Assignment <mark>Midterm Exam</mark>
9	Project Execution: Communication Management ● Communication Planning and Management ● Stakeholder Engagement Strategies	Exercise: Communication Plan Development ● Quiz 2
10	Project Execution: Procurement Management ● Procurement Processes and Contracts ● Vendor Selection and Management	Case Study3: Procurement Management Project checking
11	Project Planning: Integration Management ● Developing a Project Management Plan ● Coordinating and Integrating Project Plans	Workshop: Integration Planning
12	Project Execution ● Directing and Managing Project Work ● Managing Project Knowledge and Team Dynamics	Exercise: Project Execution Simulation
13	Project Monitoring and Controlling ● Monitoring Project Performance (KPIs and Metrics) ● Change Control Process and Tools	Workshop: Performance Monitoring and Control ● Quiz 3

14	Project Management Trends and Future Outlook ● Agile and Hybrid Project Management ● Emerging Trends in Project Management (e.g., AI, Sustainability)	Project checking
15	Review	Review

Course Learning Outcomes

Active verb	What will be done/produced	How this learning outcome will be achieved
Describe and analyze	what is a project, the value of organizing work in projects, in programs, the value of project managers in managing all stakeholders, internal and external	Reading books materials PM standards
Assess	the contribution of key project planning components to successful project management. (evaluation)	Case studies
Calculate and apply	different project management processes, tools and techniques from executing, monitoring and controlling, up to project closure.	Through analyzing and comparison of cases
Explain	Terminology and the tools commonly used in Projects	Reading books, materials, PM standards

Academic Skills

1	Creative-thinking-application of design thinking and creative problem solving to achieve a unique and responsive project
2	Analytical skills - observe, explore and interpret different situations in projects in order to develop complex ideas and solutions.
3	Critical thinking- judge, analyze, evaluate situations in projects based on the understanding of relevant data, in order to create a clear understanding of the problem, determine the most correct solution
4	Decision-making, Problem solving- comprehensively assess the situation (information) with subsequent timely adoption of the optimal decision, develop alternative solutions, taking into account the available resources and potential risks.

Planned Learning Activities and Teaching Method

Lecture
Discussion
Question & Answer
Problem Solving
video lectures, project

Reading List

Type	Author	Title	Publishing year	ISBN	Publisher/Web site
	Harold Kerzner	Project Management: A Systems Approach to Planning, Scheduling, and Controlling (12-th edition)	2017		
	Morris W.G.P	Reconstructing Project Management	2013		
	PMI	PMBOK guide 7-th edition	2021		

	Konstantinou, E.	Professionalism in Project management: Redefining the Role of the Project Practitioner	2015		
	by Erik W. Larson & Clifford F. Gray	Project Management: The Managerial Process	2011		

Assessment Methods and Criteria

Assessment	Description	Quantity	%
Midterm	50% of the final project	1	30 %
Final Exam	Students need to prepare a group project	1	40 %
Quiz	Case studies and theories studied in the Course	3	15 %
Practice	Class work(project checkings) and activities	15	15 %

Academic Integrity

Students must ensure that all work completed for this course is their own work. Any evidence of plagiarism,data falsification, fabrication, collusion, self-plagiarism and/or other forms of academic misconduct will be penalized. Further, information can be found in the Code of Practice on Academic Integrity.

Late/Non Submission and Attendance Policy

Academic excellence and high achievement are only possible in an environment where the highest standards of academic honesty and integrity are maintained: students at SDU must ensure they adhere to this requirement. Active participation is an integral part of teaching and learning at SDU. Therefore, all students are required to attend classes regularly, and any absences are recorded for each subject. The percentage of attendance should be at least 70%.

Course Specific Policy

1. All assignments must be submitted on time, as late submissions will not be accepted.
2. Kahoot-like quizzes related to lectures will be conducted during practice classes. This assignment begins at the start of the practice class, and no late submissions will be accepted
3. Asking or begging for grades is strictly prohibited. In such instances, points will be deducted.
4. Cheating is not permitted in any assignments, including projects, quizzes, midterms, or final exams. Detected cases of cheating will result in automatic failure of the course. If a student violates the rules of academic integrity, including answers to quizzes or kahoots, any attempt or any announcement about selling related to the course, will get 0 for the course without warning
5. Attendance is not guaranteed solely by showing up to lectures and practice classes. Actively participating and paying attention are essential to avoid being marked as absent.
6. Students are expected to exhibit professionalism and submit tasks punctually; non-constructive complaints will not be tolerated.
7. Midterm exam is scheduled for practice classes. Students are advised not to plan to travel far during week 8.
8. Medical certificates for sick days may be subject to careful checking procedures and possible revocation by the instructor.
9. Blood donor certificates are not considered valid medical certificates, as they are deemed voluntary actions and will not be accepted.

Approved by Head of Department