

Course Code	UNU312													
Course Name	Entrepreneurship													
Course Instructors	Dani Adhipta, Avrin Nur Widiastuti													
Course Type	Required													
Course Classification	Engineering Topics													
Credit / Contact Hour per Week	2 / 100 minutes per Week													
Course Description	Students understand the need to consider the economic aspect of engineering and able to do basic economic calculations related to engineering (engineering economy). Able to conduct business feasibility studies / projects and can create a business plan (business plan). In addition students have a broader vision of self-development and are motivated to be creative and innovative and become an entrepreneur.													
Prerequisites Courses	-													
Covered Student Outcome	Knowledge of Contemporary Issues (f) Multidisciplinary Teamwork (h) Engineering Awareness and Society (j) Sustainable Learning (k)													
Learning Outcome														
		Study Program Student Outcome												
No	Learning Outcome	SO (a) – SO (k)												
1.	Students are understand the contents, benefits and usefulness of entrepreneurship courses in the engineering world. And then understand the basic concepts of entrepreneurship and the character of an entrepreneur.	Engineering Awareness and Society												
2.	Interest and money - interest formula Students are understand about interest and money - interest formula	Knowledge of Contemporary Issues												
3.	Students are understand real business versus speculative business.	Knowledge of Contemporary Issues												
4.	Students are understand leadership and business ethics.	Multidisciplinary Teamwork												
5	Students are understand the function of creativity and innovation.	Sustainable Learning												
6	Students are understand how to conduct business feasibility study with the method: Benefit cost ratio, Net Present Value, Payback Period, Break Even Point and Internal Rate of Return. Furthermore students can make bussiness plan	Sustainable Learning												
Topic	<ol style="list-style-type: none"> 1. The function of economic calculation in engineering field. 2. Basic concepts of entrepreneurship. 3. Interest and money interest formula. 4. Calculation of equality with the formula of interest 5. Types of real and speculative business. 6. Leadership and business ethics. 7. Creativity and innovation. 8. Business feasibility study. 9. Business plan. 													
Direct Asessment	<table border="1"> <thead> <tr> <th>Direct Asessment Plan</th> <th>Measured Learning Outcome</th> </tr> </thead> <tbody> <tr> <td>Assignment</td> <td>LO1,LO2,LO3</td> </tr> <tr> <td>Self-business</td> <td>LO4,LO5,LO6</td> </tr> <tr> <td>Mid Exam</td> <td>LO1,LO2,LO3</td> </tr> <tr> <td>Final Exam</td> <td>LO4,LO5,LO6</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>		Direct Asessment Plan	Measured Learning Outcome	Assignment	LO1,LO2,LO3	Self-business	LO4,LO5,LO6	Mid Exam	LO1,LO2,LO3	Final Exam	LO4,LO5,LO6		
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Indirect Assesment	Questionnaire (EDOM)													
References	[1] Thuesen, 2000, Engineering Economi [b] Modul Kewirausahaan untuk Program Strata 1													

	[c] Ekonomi teknik. Ferioanto RaharjoHisrich, 1995, Starting, Developing, and Managing a New Enterprise , Chapter 2, McGraw-Hill, Inc., United States of America.
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