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	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. 2. Interest and money - interest formula Students are understand about interest and money - interest formula 3. Students are understand real business versus speculative business. 4. Students are understand leadership and business ethics. 5. Students are understand the function of creativity and innovation. 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
Topic	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	

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

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.