Syllabus Format	Learning Objectives-Oriented

Syllabus – Challenges in Sustainability

Universidad del Desarrollo
Universidad de Excelencia

A. General Information [Example]

1. Academic Unit	SCHOOL OF ENGINEERING					
2. Degree	INDUSTRIAL ENGINEERING					
3. Code	RIC158					
4. Number of classes per week	2					
5. Location in Curriculum	5th year					
6. Credits	10					
7. Classes by Professor	Theory	1	Practice	1		
8. Classes by Teaching Assistant	None					
9. Course Type	Mandatory		Elective	X	Optional	
10. Prerequisite	4th/5th Year					

B. Course Description

Today innovation and creativity are critical elements in sustainability. However, this begs the question: Where should we innovate? This, among others, is one of the topics this course will cover. The wisdom, know-how and experience of today is so vast that it is impossible to know everything regarding sustainability. Therefore, it is important to have a frame of reference regarding what the current state and strengths of sustainability are as well as areas we should consider in order to add value, innovation and further development regarding our social, environmental and global environment.
Challenges in Sustainability is a course that examines several cases of innovation that have provided value and sustainability to our planet and industry, while impacting other scientific and industrial advances in the process. At the end of the course, students are expected to know a wide array of sustainability principles and its current state, allowing a better idea as to which areas need further contribution and innovation.

Attendance Requirement: *Students must attend 75% of theoretical classes and 100% of practical classes.*