

COURSE RECORD

Code	GLB 209
Name	Industry, Innovation & Infrastructure
Hour(s) per week	3 (2 Theory + 1 Practice)
Credit	3
ECTS	3
Level/Year	Undergraduate
Type	Elective
Prerequisites	BRG 001 – English Bridge Course
Description	<p>This course intends to introduce SDG 9 and aims to build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation to AGU students by using innovative and learner centered methods. It also promotes multidisciplinary thinking.</p> <p>The course encourages teamwork and motivates students to find multidisciplinary and creative solutions for problems. In teamwork students will also have an opportunity to learn from their peers, have a wider interdisciplinary perspective on global problems and recognize their potential for creating sustainable and innovative solutions.</p>
Objectives	<ul style="list-style-type: none"> • Assisting students increase their awareness of the definition of SDG 9. • Encouraging individuals and team members to actively engage in in-depth conversations about SDG 9. • Implementing team-oriented learning methods. • Fostering peer learning across different disciplines.
Learning Outcomes	<p><i>By the end of the course, the student will be able to</i></p> <p>LO1: Identify key features of SDG 9.</p> <p>LO2: Compare how SDG 9 are related to students' fields of study.</p> <p>LO3: Develop a business model for a start-up or social venture by applying entrepreneurial mindset.</p> <p>LO4: Analyze the process that enables entrepreneurs to transform a simple idea to a sustainable success with limited resources.</p> <p>LO5: Defend the necessity of interdisciplinary understanding of SDG 9.</p>

CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES*

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1	0	0	4	4	0	0	4
LO2	0	0	4	4	0	0	4
LO3	4	4	4	4	0	0	4
LO4	0	0	4	4	0	0	4
LO5	4	4	4	4	0	0	4

* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

COURSE CONTENT DETAILS

Topics	Outcomes
Common Lectures on SDG 9	LO1, LO2, LO3, LO4
Guest Speakers on SDG 9	LO1, LO5
Individual Lectures on SDG 9	LO1, LO3, LO4, LO5