

**COURSE RECORD**

Code	<b>GLB 209</b>
Name	<b>Industry, Innovation &amp; Infrastructure</b>
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"> <li>• Assisting students increase their awareness of the definition of SDG 9.</li> <li>• Encouraging individuals and team members to actively engage in in-depth conversations about SDG 9.</li> <li>• Implementing team-oriented learning methods.</li> <li>• Fostering peer learning across different disciplines.</li> </ul>
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

**DERS BİLGİLERİ**

Kodu	<b>GLB 209</b>
İsmi	<b>Sanayi, Yenilikçilik ve Altyapı</b>
Haftalık Saati	3 (2 Teorik +1 Pratik)
Kredi	3
AKTS	3
Seviye/Yıl	Lisans
Dersin Dili	İngilizce
Tip	Seçmeli
Ön Şart	BRG 001 - English Bridge Course
İçerik	Bu ders SKA 9'u tanıtmayı amaçlamaktadır. Ders yenilikçi ve öğrenen merkezli yöntemler kullanarak global sorunların çözümüne dair çok disiplinli düşünmeyi teşvik etmektedir. Aynı zamanda multidisipliner düşünmeyi teşvik eder. Takım çalışması ile öğrencilerin problemlere çok disiplinli ve yaratıcı çözümler bulması motive edilir. Takım çalışmasında öğrenciler aynı zamanda akran öğrenmesi, küresel sorunlara disiplinler arası bir bakış açısından bakma ve sürdürülebilir yenilikçi çözümler yaratma potansiyellerini tanıma fırsatına sahip olacaklardır.