Course Syllabus

Code - Course Title	**LOJ202U -**
Course Type	IV. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	LECTURER DR. HAYRİ BARUTCA

Mode of Delivery	Distance Education
Place of Delivery	Online
Used Educational Platforms	Online
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Basic Information Technologies, Logistics Principles, Warehouse Management, and Inventory Operations.
Recommended Resources	Öztürk, G., Özkazanç, Ü. A., & Kalabak, A. O. (2013). Lojistikte Teknoloji Kullanımı (3 b.). (G. Öztürk, Dü.) Eskişehir, Türkiye: Anadolu Üniversitesi.e-öğrenme Portalı http://eogrenme.anadolu.edu.tr/_layouts/eLrnPoint/AofElrnPortal/CourseIndex.aspx?c=LOJ202U e-seminer Kayıtlarıhttp://yardim.eogrenme.anadolu.edu.tr/eseminer-kayitlari/LOJ202U.html
Work Placement	There is no internship or practice for this course.
Aims of the Course	The objective is to teach current hardware, automation, and information systems used to accelerate, monitor, and optimize logistics and supply chain operations.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Logistics and Technology	
Week - 2		General Logistics Software	
Week - 3		Material Handling and Storage Technologies	
Week - 4		Barcode and RFID Technologies	
Week - 5		Midterm exam preparation and question solutions	
Week - 6		Midterm exam preparation and question solutions.	
Week - 7		Half Exam	
Week - 8		Vehicle Tracking Systems	
Week - 9		Enterprise Resource Planning and Logistics	
Week - 10		Computer Use in Solving Logistics Problems	
Week - 11		Technology Applications in the Logistics Sector	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 12		Preparation for the final exam and question solutions.	
Week - 13		Preparation for the final exam and question solutions	
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	At the end of this course students will be able to; Explain logistics and technology concepts and software
2	At the end of this course students will be able to; Recognize materials handling and storage technologies
3	At the end of this course students will be able to; Explain Barcode and RFID Technologies and Vehicle Tracking Systems
4	At the end of this course students will be able to; Summarize the importance of using computer software in Enterprise Resource Planning and Operations
5	At the end of this course students will be able to; Explain the Technology Applications in Logistics Sector

Sustainable Development Goals

✓ End Poverty ✓ No more hunger ✓ Health and Quality of Life ✓ Quality Education ✓ Clean Water and Sanitation ✓ Accessible and Clean Energy ✓ Decent Work and Economic Growth ✓ Industry, Innovation and Infrastructure ✓ Reducing Inequalities ✓ Sustainable Cities and Communities ✓ Responsible Production and Consumption ✓ Climate Action ✓ Life in Water ✓ Terrestrial Life ✓ Peace, Justice and Strong Institutions ✓ Partnerships for Purposes

Course Theme

✓ Economics, Finance and Management ✓ Entrepreneurship ✓ Aviation and Space Technologies ✓ Law, Ethics and Regulations ✓ Communication Technologies and the IoT ✓ Logistics and Supply Chain ✓ Robotics, Automation and Mechatronics ✓ Sustainability and Green Energy ✓ Urban Planning, Transport and Smart Buildings ✓ Agriculture, Food and Livestock ✓ Artificial Intelligence ✓ Software, Cloud and Blockchain ✓ Innovation Skills

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

✓ Multiple Choice Test

Community Service Activity

External stakeholders collaborated with in community service activities within the course:
✓ Public institutions and organizations ✓ Non-governmental organizations (NGOs) ✓ Private sector / industrial organizations

Target audience of the community service activities carried out within the course:
✓ Youth ✓ Local community / general public ✓ Students

Type of community contribution arising from the course:
✓ Awareness raising ✓ Skills development / capacity building ✓ Economic / employment contribution