COURSE SYLLABUS
Vocational School

Course Code	Course Name	Credit	ECTS Value
TIC 214	Digital Applications in Customs (Branded Course)	1-1-2	5

Prerequisite Courses:	None

Course Language:	Turkish	**Course Delivery Method:**	Online

Course Type and Level:	Elective/Spring Semester

Instructor's Title, First Name, and Last Name	Course Time	Office Hours	Contact
Assist. Prof. Dr. Suzan Oğuz	Friday 14.15 - 15.45	Wednesday 14.00-15.00	suzanoguz@cag.edu.tr

Course Coordinator:	Assist. Prof. Dr. Suzan Oğuz

Course Objectives

			Relationships	
	Students who successfully complete this course will be able to:		Program Outcomes	Net Contribution
Learning Outcomes	1	Explains the basic scope of digitization in customs procedures.	1,2	4,5
	2	Recognizes the digital customs applications used in Turkey.	2	5
	3	Evaluates electronic declarations and digital document processes in the context of foreign trade.	1,2	4,5
	4	Analyzes digital customs applications through case studies, industry seminars, and field visits.	5,6,7	5
	5	Interprets the fundamental risks and security aspects encountered in digital customs processes.	5,6	5

Course Content:	The aim of this course is to provide students of the Foreign Trade Program with basic knowledge and awareness about digital applications used in customs procedures. The course will introduce digital customs systems implemented in Turkey and address electronic declaration and inter-agency digital integration processes. The course will be supported by guest speakers from the industry and field visits to brands/institutions, with the aim of helping students relate digital customs applications to real-world processes in the field.

Course Contents: (Weekly Course Plan)

Week	Topic	Preparation	Teaching Methods and Techniques
1	Course Introduction and Expectations	Review of the course syllabus, communication of course expectations	Lecture, Discussion
2	Introduction to Customs Concepts	Short reading on basic customs concepts	Lecture, Discussion
3	Customs Structure and Digital Infrastructure in Türkiye	Short text review on customs information systems in Türkiye	Group Work, Problem Solving
4	Digital Customs Project in Exports and Electronic Declaration Processes	Case study on the digital export process	Presentation, Case Analysis
5	Seminar (Guest Speaker)	Prepare at least 2 questions to ask the guest speaker	Presentation, Discussion
6	Single Window System and Inter-Institutional Digital Integration	Brief research on the Single Window System	Lecture, Small Group Work
7	General Review and Evaluation	Review of lecture notes on topics covered throughout the term	Presentation, Q&A, Short in-class exercises
8	Midterm Exam Week	–	–
9	Midterm Exam Week	–	–

10	Port Single Window System and Digitalization in Port Operations	Case study on digital applications in port operations	Case Study
11	Brand/Institution Site Visit	Research the organization before the field visit	Case Study, Discussion
12	Container and Port Tracking Systems	Review of application examples related to container and cargo tracking	Case Study, Discussion
13	Seminar (Guest Speaker)	Individual preparation and question creation	Presentation, Discussion
14	Final Project Presentations I	Individual preparation	Presentation, Feedback
15	Final Project Presentations II	Individual preparation	Presentation, Feedback
16	General Review and Evaluation	Review of lecture notes on topics covered throughout the semester	Lecture, Q&A, Short in-class exercises
17	Final Exam Week	–	–
18	Final Exam Week	–	–

Course Resources

Recommended Resources:	https://ticaret.gov.tr/gumruk-islemleri/dijital-gumruk-uygulamalari https://gumrukrehberi.gov.tr/

Course Assessment and Evaluation

Activities	Number	Contribution	Notes
Midterm Exam	1	35	Written Exam
Final Exam Project	1	50	The final assessment will be based on an individual project. Students are expected to select a business or institution (customs consultancy, logistics company, port operator, etc.) that uses digital customs applications and conduct a brief analysis. The aim of the project is to recognize real-world examples of digital customs applications covered in the course and to understand the contributions these applications make to customs procedures. **Assessment:** Projects will be evaluated based on their alignment with the course content, clarity, use of application examples, and presentation format.
Process Score (Field Visit & Seminar Participation & Participation in Case Studies and Applications)	1	15	Students' regular attendance in classes, participation in discussions, and participation in short reflective applications/assignments will be taken into account in the process evaluation.

ECTS Table

Content	Issue	Time	Total
Lesson duration	14	2	28
Out-of-Class Work	14	2	14
Seminar & Case Studies & Applications	6	4	24
Midterm Exam Preparation	1	30	30
Final Exam (Final Project Preparation)	1	40	40
		Total:	136
		Total / 30:	135/30 = 4.53
		ECTS Credit:	5