Course Description Form	
Course Code and Name	CENG485 DISTANCE LEARNING TECHNOLOGIES (TECH.ELECT.)
Course Semester	7
Catalog Content	Introduction to distance education; instructional environments used by distance education; the technologies used in distance education; techniques and methods used in the planning, preparation and implementation of distance education technologies; Basic concepts related to Internet, Purposes of Internet use in education; Internet ethics (netiquette); learning objects; international standards for the upper data of learning objects.
Textbook	Handbook of Distance Education 3rd Edition by Michael Grahame Moore, 2012.
Supplementary Textbooks	Lexicon of Online and Distance Learning by Lawrence A. Tomei, 2010. Quality in Distance Education: Focus on On-Line Learning by Katrina A. Meyer, Adrianna J. Kezar, 2002.
Credit	6
Prerequisites of the Course **(** *Attendance Requirements***)**	There is no prerequisite or co-requisite for this course.
Type of the Course	Technical Elective
Instruction Language	English
Course Objectives	To be able to explain the conceptual structure of open and distance learning technologies. To be able to discuss application examples of open and distance learning technologies. To be able to evaluate the usage areas of open and distance learning technologies in various countries.
Course Learning Outcomes	1. Students will be able to explain Distance Learning Technologies, techniques and applications.
Instruction Methods	The mode of delivery of this course is Face to face

Weekly Schedule	1.Week Distance Learning Technologies, techniques and applications 2.Week Distance education approaches 3.Week Data exchange 4.Week Data exchange 5.Week Data transmission between satellite, video, voice use and remote geographies 6.Week Data transmission between satellite, video, voice and remote geographies 7.Week Human computer interaction 8.Week Human computer interaction 9.Week Development of educational material 10.Week Development of educational material 11.Week Set up and manage distance learning infrastructures 12.Week Establishing and managing distance learning infrastructures 13.Week System and material tests 14.Week Learning management systems
Teaching and Learning Methods *(These are examples. Please fill which activities you use in the course)*	Weekly theoretical course hours: 3 Reading Activities Internet browsing, library work Preparation of Midterm and Midterm Exam Final Exam and Preparation for Final Exam

Assessment Criteria

	Numbers	**Total Weighting (%)**
Midterm Exams	1	30
Assignment	5	30
Application		
Projects		
Practice		
Quiz		
Percent of In-term Studies (%)		60
Percentage of Final Exam to Total Score (%)		40
Attendance		

Workload

Activity	Total Number of Weeks	Duration (weekly hour)	Total Period Work Load
Weekly Theoretical Course Hours	14	3	42
Weekly Tutorial Hours			0
Reading Tasks	14	3	42
Studies	14	3	42
Material Design and Implementation			0
Report Preparing			0
Preparing a Presentation			0
Presentations			0
Midterm Exam and Preparation for Midterm Exam	1	10	10
Final Exam and Preparation for Final Exam	1	15	15
Other (should be emphasized)			0
Total Workload			151
Total Workload / 25			6,04
Course Credit (ECTS)			6

Contribution Level Between Course Learning Outcomes and Program Outcomes

No	Program Outcomes	1	2	3	4	5
1	Sufficient knowledge on mathematics, science and computer engineering; ability to apply theoretical and practical knowledge in these areas to model and solve engineering problems					X
2	Ability to identify, define, formulate and solve complex engineering problems; ability to choose and apply appropriate analysis and modelling methods for these purposes				X	
3	Ability to design a complex system, process, device, software, algorithm, or product under realistic constraints and circumstances to meet certain requirements; ability to apply modern design techniques for this purpose				X	
4	Ability to choose, develop and use modern techniques and tools necessary for engineering applications; ability to effectively use computing technologies				X	
5	Ability to design and implement systems or experiments to solve engineering problems, collect and interpret data to evaluate and analyze the results of solutions					X
6	Ability to work effectively in intradisciplinary and interdisciplinary teams or individually					X
7	Ability to efficiently prepare, evaluate and interpret reports					X
8	Ability to make presentations and conduct effective verbal and written communication in Turkish and English				X	
9	Awareness of the necessity of lifelong learning; ability to access information, follow scientific and technological developments; ability to perpetually renew oneself				X	
10	Awareness of professional and ethical responsibility, ability to act in accordance with ethical principles					X

	11	Ability to apply knowledge on project management, risk management and change management				X	
	12	Awareness of entrepreneurship and innovation, ability to design and build sustainable systems				X	
	13	Ability to devise local and global solutions to contemporary issues considering the effects of engineering applications on health, environment and security					X
	14	Awareness of the legal consequences of engineering solutions					X
	15	Ability to apply knowledge on software development process and documentation rules					X
	16	Knowledge on standards used in engineering applications				X	
	17	Awareness of occupational health and security, information security and privacy				X	
The Course's Lecturer(s) and Contact Information	Lecturer Dr. Oktay YILDIZ E-Mail: oyildiz@gazi.edu.tr						