

Course name: CENG317 Artificial Intelligence				Department: Computer Engineering				
Semester	Methods of Education							Credit (ECTS)
	Practice	Recitation/ (Etud)	Lab	Project/ Field Study	Homework	Other	Total	5
Fall	42	-	-	20	60	28	150	
Language	English							
Compulsory/Elective	E							
Prerequisites	-							
Face to Face	2							
Online	1							
Course Contents	Week 1 – Introduction Week 2 – Intelligent Agents Week 3 – Solving Problems by Searching Week 4 – Beyond Classical Search Week 5 – Adversarial Search Week 6 – CSP (Constraint Satisfaction Problems) Week 7 – Logical Agents Week 8 – Midterm Week 9 – Logic I Week 10 – Logic II Week 11 – Classical Planning Week 12 – Planning and Acting in the Real World Week 13 – Knowledge Representation Week 14 – Philosophical Foundations Week 15 – AI: The Present and Future							
Course Objectives	The course aims to ground foundation of Artificial Intelligent for students.							
Learning Outcomes and Competences	Students will have both theoretical, practical and philosophical foundation of Artificial Intelligence. These foundations will help students better understand the Neural Network and Machine Learning areas.							
Textbook and /or References	"Artificial Intelligence – A Modern Approach", 3 rd Edition. Stuart Russell, Peter Norvig.							
Assessment Criteria							%	
	Midterm						30	
	Quiz						30	
	Final						40	
Instructors	Dr. Res. Asst. Ömer Mintemur							