COURSE INFORMATION					
Course Title	*Code*	*Semester*	*L+P Hour*	*Credits*	*ECTS*
DOCTORAL RESEARCH SEMINAR	CSE690			NC	2

Prerequisites	

Language of Instruction	English
Course Level	Ph.D.
Course Type	Compulsory
Course Coordinator	Prof. Dr. Sezer Gören Uğurdağ
Instructors	
Assistants	
Goals	This course is designed for doctoral level researchers to share their research experiences and findings among themselves and with academic staff.
Content	In this course, students present their doctoral research in the form of academic seminars, and participate in seminars presented by invited researchers.

Course Learning Outcomes	**Program Learning Outcomes**	**Teaching Methods**	**Assessment Methods**
Possess adequate knowledge of fundamental subjects within the field of study	1,2,3,4,8,9,12	1	A
Ability to conduct research in the area of concentration	2,3,4,5	1	A
Ability to contribute to the existing scientific knowledge in the area of concentration	5,6,7,8,9,10,11	1	A
Ability to communicate technical content in writing and orally	7	1	A

Teaching Methods:	1: Independent study
Assessment Methods:	A: Seminar presentation and participation.

COURSE CONTENT

Week	Topics	Study Materials
1-14	Individual seminar presentation and active participation in seminars.	All forms of research artifacts.

RECOMMENDED SOURCES	
Textbook	
Additional Resources	

MATERIAL SHARING	
Documents	
Assignments	
Exams	

ASSESSMENT		
IN-TERM STUDIES	**NUMBER**	**PERCENTAGE**
Seminar presentation	1	50
Participation in seminars	12	50
Total		**100**
Contribution of Final Examination to Overall Grade		0
Contribution of In-Term Studies to Overall Grade		100
Total		**100**

COURSE CATEGORY	Expertise

COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Ability to understand and use basic sciences, mathematics and engineering sciences in a high level.					X

2	Possession of wide and deep knowledge in the field of Computer Science and Engineering, including the latest developments.				X
3	Ability to reach the new information in the field of Computer Science and Engineering and having high-level competence in necessary methods and skills to make the research by apprehending the new information.				X
4	Ability to bring an innovation that provides different initiatives to the field of Computer Engineering; develop a new approach, method, design, application or apply a present method in a different field.				X
5	Ability to perceive an original research process independently, and design, implement, conclude and lead the process.	X			
6	Ability to contribute to the literature by publishing the whole scientific research and development efforts he/she has carried out in the field of expertise.	X			
7	Ability to comprehend scientific, technological, social and cultural developments, and convey them to society with scientific impartiality and ethical responsibility.				X
8	Ability to do critical analysis, synthesis and evaluation of ideas and developments in the field of Computer Engineering.				X
9	Ability to communicate effectively in oral and written ways with the employees in the area of Computer Engineering and wider scientific and social communities, to communicate and discuss in advanced level of written, oral and visual ways by using a foreign language in at least European Language Portfolio C1 General Level.			X	
10	Ability to evaluate scientific, technological, social and cultural developments and to transmit these developments to society with scientific objectivity and a sense of ethic responsibility.		X		

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Seminar preparation and presentation	1	48	48
Participation in seminars	12	1	12
Total Work Load			60
Total Work Load / 25(h)			2.4
ECTS Credit of the Course			2