



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Analysis and Research Techniques							
Course Code		ARKE652		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	125 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Firstly teach the scientific methods of a study. To teach the library studies, resource tracking and utilization, research methods. Teach the graduate thesis writing technique and methods by samples. To develop the art of writing effective applications in this direction.							
Course Content		Introduction the scientific methods of a study. Teach the graduate thesis writing technique and methods by samples. To teach the library studies, resource tracking and utilization, research methods.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Prof. Aynur CİVELEK							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Ünlüsoy, S., Çakırlar, C. ve Çilingiroğlu, Ç. (2018). Arkeolojide Temel Yöntemler, Ege Yayınları, İstanbul.
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Week	Weekly Detailed Course Contents	
1	Theoretical	In general, introducing the methods of scientific study.
2	Theoretical	Library usage. Presentation of information about the publication of periodicals and books. The importance to follow the current literature.
3	Theoretical	Writing rules of Graduate thesis.
4	Theoretical	Writing, the subject detection, the use of literature and library in graduate thesis
5	Theoretical	Determination of the scientific method used to transfer graduate thesis. Determined in accordance with the preferred method of evaluation of the subject.
6	Theoretical	Evaluation of the data obtained from the excavations and surveys
7	Theoretical	The inventory records of the excavation and survey finds be made.
8	Intermediate Exam	Midterm
9	Theoretical	The student make a fragment inventory record. Seminar.
10	Theoretical	The student make a fragment inventory record. Seminar.
11	Theoretical	Methods for preparing an academic exercise. Technical information, text, content, language and spelling rules to be used, the rules of writing footnotes and bibliography.
12	Theoretical	Example review of a scientific papers
13	Theoretical	Example review of a scientific papers
14	Theoretical	A evaluation of a self subject article who prepared by a student. Seminar.
15	Theoretical	A evaluation of a self subject article who prepared by a student. Seminar.
16	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	5	0	5	25
Seminar	3	0	1	3
Individual Work	13	0	3	39
Midterm Examination	1	5	1	6



Final Examination	1	9	1	10
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Transfer of scientific working methods in practice
2	The use of research methods and techniques applied in the field of archeology and development resources.
3	Current publications, developments and projects carried out, followed by transfer to give skills by interpreting his own work.
4	Teach the academic work, graduate thesis writing and scientific methods of production. The art of writing effective applications development in this direction
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### Programme Outcomes (Archaeology Doctorate)

1	1. Lesson is to provide information about the basic concepts and applied areas of archaeology.
2	2. Recognition, be inform and digging the uncover of archaeological treasures of our country and region.
3	3. Understanding of other disciplines related to the science of archaeology, ability to put forward the relations between them.
4	4. Detect the archaeological treasures of our country in the process and do today to be associated with it.
5	5. Interpret and evaluate the archaeological materials.
6	6. Necassary for the application of modern techniques, materials and use of materials and application tools of archaeology.
7	7. Disciplinary and interdisciplinary team-work.
8	8. To act independently, using initiative and creativity skills.
9	9. Embracing the the importance of lifelong learning, develop self-monitoring developments in science and technology issues.
10	10. Ability to work as an individual capable of independent decision-making ideas in oral and written communication skills to express clear and concise manner.
11	11. To have awareness of ethical and professional responsibility.
12	12. Contribute to society in raising awareness about archaeology.
13	The data contained in our country and the world's cultural haritage-protection of cultural assets, to transfer to future generations and to introduce them to the world.

### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4	4	4	4	4
P2	4	4	4	4	4
P3	4	4	4	4	4
P4	4	4	4	4	4
P5	4	4	4	4	4
P6	4	4	4	4	4
P7	4	4	4	4	4
P8	4	4	4	4	4
P9	4	4	4	4	4
P10	4	4	4	4	4
P11	4	4	4	4	4
P12	4	4	4	4	4
P13	4	4	4	4	4

