

# RESEARCH METHODS AND TECHNIQUES

<b>1</b>	Course Title:	RESEARCH METHODS AND TECHNIQUES	
<b>2</b>	Course Code:	OTPS006	
<b>3</b>	Type of Course:	Optional	
<b>4</b>	Level of Course:	Short Cycle	
<b>5</b>	Year of Study:	1	
<b>6</b>	Semester:	2	
<b>7</b>	ECTS Credits Allocated:	3.00	
<b>8</b>	Theoretical (hour/week):	2.00	
<b>9</b>	Practice (hour/week):	0.00	
<b>10</b>	Laboratory (hour/week):	0	
<b>11</b>	Prerequisites:	None	
<b>12</b>	Language:	Turkish	
<b>13</b>	Mode of Delivery:	Face to face	
<b>14</b>	Course Coordinator:	Öğr. Gör. NİHAL KANAT	
<b>15</b>	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları	
<b>16</b>	Contact information of the Course Coordinator:	Öğr.Gör. Nihal KANAT Karacabey Meslek Yüksekokulu Gıda Teknolojisi 16700/Karacabey/BURSA Tel:0 224 2942662 / 61659	
<b>17</b>	Website:		
<b>18</b>	Objective of the Course:	To teach students basic research and presentation techniques	
<b>19</b>	Contribution of the Course to Professional Development:	Gives the ability to execute research in vocational subjects, search the literature and interpreting the results.	
<b>20</b>	Learning Outcomes:		
		<b>1</b>	To learn research methods and techniques
		<b>2</b>	Ability to choose research topics suitable for the technique
		<b>3</b>	Ability to do resource research in accordance with the technique
		<b>4</b>	To be able to evaluate the research results in accordance with the technique
		<b>5</b>	Converting research results into reports in accordance with the technique
		<b>6</b>	To learn presentation methods and techniques
		<b>7</b>	
		<b>8</b>	
		<b>9</b>	
		<b>10</b>	
<b>21</b>	Course Content:		
		<b>Course Content:</b>	
<b>Week</b>	<b>Theoretical</b>	<b>Practice</b>	
<b>1</b>	Definition and classification of science		
<b>2</b>	Scientific method and its stages		
<b>3</b>	Basic principles of the scientific method		
<b>4</b>	Scientific research types and classification		

5	Selection, limitation and provisional plan of the research topic	
6	Population and sample selection sampling techniques in scientific research	
7	Data collection techniques in scientific research	
8	Data processing in scientific research	
9	Data analysis techniques in scientific research	
10	Writing the research: Writing the style and text	
11	Writing the research: Formal conditions	
12	Writing the research: Text citations and scientific ethics	
13	Writing the research: Footnotes and bibliography and rules	
14	Completion of research and preparation for presentation	
22	Textbooks, References and/or Other Materials:	Prof. Dr. Sait GÜRBÜZ, Doç. Dr. Faruk ŞAHİN, (2018) Sosyal Bilimlerde Araştırma Yöntemleri, Seçkin Yayıncılık, Ankara Prof. Dr. Ferhat Sayım,(2021) Sosyal Bilimlerde Araştırma ve Tez Yazım Yöntemleri, Seçkin Yayıncılık, Ankara Sosyal Bilimlerde Araştırma Yöntemleri, Anadolu Üniversitesi AÖF Yayınları
23	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		<b>NUMBE R</b>
Midterm Exam		1
Quiz		0
Home work-project		1
Final Exam		1
Total		3
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Measurement and evaluation are carried out according to the principles of Bursa Uludağ University Associate Degree and Undergraduate Education Regulations.
24	<b>ECTS / WORK LOAD TABLE</b>	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	1.00	14.00
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	12.00	12.00
Others	0	0.00	0.00
Final Exams	1	24.00	24.00
Total Work Load			100.00
Total work load/ 30 hr			2.93
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			