

# COURSE STRUCTURE

## 2025-11157 Repair technology and service of machines (AZ) Master

<b>1</b>						<b>2</b>					
Nº	Course code	Title	Th	Pr	Ects	Nº	Course code	Title	Th	Pr	Ects
1	RİY 507	Mathematical planning of research and analysis of results	2	1+0	6	1	MTS 512	Research analytics	3	0+0	6
2	MTS 513	Research methods	3	0+0	6	2	MTS 514	Quality assurance in repairs	2	1+0	6
3	MEX 503	CAD/CAM-CAE systems	2	1+0	6	3	AZD 501	Academic writing and ethics	3	0+0	6
4	XXX XXX	[AE] Area elective course II #2	2	1+0	6	4	XXX XXX	[AE] Area elective course III #3	2	1+0	6
5	XXX XXX	[AE] Area elective course I #1	2	1+0	6	5	XXX XXX	[AE] Area elective course IV #4	2	0+0	6
<i>Subtotal: 30</i>						<i>Subtotal: 30</i>					
<b>3</b>						<b>4</b>					
Nº	Course code	Title	Th	Pr	Ects	Nº	Course code	Title	Th	Pr	Ects
1	XXX XXX	[NAE] Non-area elective course #1	2	0+0	2	1	MTS 670	Scientific pedagogical internship	0	0+0	6
2	XXX XXX	[AE] Area elective course V #5	3	0+0	7	2	MTS 680	Scientific research internship	0	0+0	6
<i>Subtotal: 9</i>						<i>Subtotal: 12</i>					

Total ECTS credits: **81**

***AE - Area Elective Courses***

No	Course code	Title	Th	Pr	Ects
1	MTS 515	Advanced engineering thermodynamics	2	1+0	6
2	MTS 517	Modern thermodynamics	2	1+0	6
3	MTS 519	Organization and servicing of machine repairs	2	1+0	6
4	MTS 516	Computerized diagnosis and servicing of machines and components	2	1+0	6
5	MTS 518	Tools and equipment in repair and service	2	1+0	6

***NAE - Non-Area Elective Courses***

No	Course code	Title	Th	Pr	Ects