



TARSUS UNIVERSITY
VOCATIONAL SCHOOL OF TECHNICAL
SCIENCES AT MERSIN TARSUS ORGANIZED
INDUSTRIAL ZONE DEPARTMENT OF
MACHINERY AND METAL TECHNOLOGIES
MACHINERY PROGRAM CURRICULUM

I. CLASS FALL SEMESTER					
COURSE CODE	COURSE NAME	T	A	C	ECTS
BP 103	BASIC INFORMATION TECHNOLOGIES	3	1	3,5	6
OD 107	CAREER PLANNING	1	0	1	2
MA 101	MATHEMATICS	3	0	3	4
MA 103	GENERAL PHYSICS	3	0	3	4
OD 103	TURKISH I	2	0	2	2
MA 105	COMPUTER AIDED TECHNICAL DRAWING	2	1	2,5	4
OD 105	FOREIGN LANGUAGE I (ENGLISH)	2	0	2	2
MA 107	MATERIAL KNOWLEDGE AND SELECTION	3	0	3	4
OD 101	ATATURK PRINCIPLES AND HISTORY OF REVOLUTION I	2	0	2	2
Total		21	2	22	30

I. CLASS SPRING SEMESTER *					
COURSE CODE	COURSE NAME	T	A	C	ECTS
OD102	ATATURK PRINCIPLES AND HISTORY OF REVOLUTION II	2	0	2	2
OD104	TURKISH II	2	0	2	2
OD106	FOREIGN LANGUAGE II (ENGLISH)	2	0	2	2
MA104	COMPUTER AIDED DESIGN I	3	1	3,5	5
MA106	MANUFACTURING PROCESSES I	3	0	3	4
MA108	MECHANICS	3	0	3	5
MA110	CNC TECHNOLOGY	3	0	3	5
MA112	MEASUREMENT AND QUALITY CONTROL	3	0	3	5
Total		24	1	23,5	30

II. CLASS FALL SEMESTER					
COURSE CODE	COURSE NAME	T	A	C	ECTS
MA201	COMPUTER AIDED DESIGN II	3	1	3,5	5
MA203	MANUFACTURING PROCESSES II	3	0	3	4
MA205	MACHINE ELEMENTS	2	0	2	3
MA207	WELDING TECHNOLOGY	2	0	2	2
	VOCATIONAL ELECTIVE COURSE I	3	0	3	3



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	VOCATIONAL ELECTIVE COURSE II	3	0	3	3
	GENERAL ELECTIVE COURSE I	2	0	2	2
MA901	SECTORAL APPLICATION I	0	6	3	8
Total		18	7	21,5	30

II. CLASS SPRING SEMESTER					
COURSE CODE	COURSE NAME	T	A	C	ECTS
MA202	COMPUTER AIDED MANUFACTURING	3	1	3,5	5
MA204	HYDRAULIC PNEUMATIC	3	0	3	5
MA206	UNCONVENTIONAL MANUFACTURING METHODS	3	0	3	4
	VOCATIONAL ELECTIVE COURSE III	3	0	3	3
	VOCATIONAL ELECTIVE COURSE IV	3	0	3	3
	GENERAL ELECTIVE COURSE II	2	0	2	2
MA902	SECTORAL APPLICATION II	0	6	3	8
Total		17	7	20,5	30

GENERAL ELECTIVE COURSES					
COURSE CODE	COURSE NAME	T	A	C	ECTS
	GENERAL ELECTIVE I				
GS 205	BEHAVIORAL SCIENCES	2	0	2	2
GS 211	ENTREPRENEURSHIP	2	0	2	2
GS 219	OCCUPATIONAL HEALTH AND SAFETY	2	0	2	2
GS 227	SIGN LANGUAGE	2	0	2	2
	GENERAL ELECTIVE II				
GS 228	VOLUNTEERING STUDIES	2	0	2	2
GS 218	PROBLEM SOLVING AND DECISION MAKING	2	0	2	2
GS 220	PROTOCOL AND SOCIAL CODE of CONDUCT	2	0	2	2
GS 230	SUSTAINABILITY	2	0	2	2
GS 232	TECHNOLOGY ADDICTION	2	0	2	2



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VOCATIONAL ELECTIVE COURSES					
COURSE CODE	COURSE NAME	T	A	C	ECTS
	VOCATIONAL ELECTIVE I				
MA209	WORK MOLDS	3	0	3	3
MA211	PLASTIC FORMING METHODS	3	0	3	3
MA213	MECHANICAL INSTALLATION SYSTEMS	3	0	3	3
	VOCATIONAL ELECTIVE II				
MA215	ELECTRICAL ELECTRONICS	3	0	3	3
MA217	INDUSTRIAL AUTOMATION SYSTEMS	3	0	3	3
	VOCATIONAL ELECTIVE III				
MA208	PUMPS AND COMPRESSORS	3	0	3	3
MA210	MATERIAL INSPECTION METHODS	3	0	3	3
MA212	COMPUTER AIDED DESIGN III	3	0	3	3
	VOCATIONAL ELECTIVE IV				
MA214	PRODUCTION MANAGEMENT	3	0	3	3
MA216	QUALITY ASSURANCE AND STANDARDS	3	0	3	3
MA218	LEAN MANUFACTURING	3	0	3	3
MA220	PROFESSIONAL ETHICS	3	0	3	3

* Summer Term Internship is 20 working days.

T: Theory **A:** Application **NC:** National Credit **ECTS:** European Credit Transfer and Accumulation System