

„ Aurel Vlaicu “University of Arad
 Faculty of Engineering
 Department: Automation, Industrial Engineering, Textile and Transportation
 Study area: Industrial Engineering
 Bachelor Study Programme: Production of industrial systems

STUDY COURSES WITH RESPECT TO THE ACADEMIC YEARS
 valid throughout the academic year 2018-2019
 1st YEAR

Course code	Course	Course type	Indiv study / Sem (h)	Weekly learning hours and evaluation type														
				1 st Semester 14 weeks						2 nd Semester 14 weeks								
				C	S	L	Pr	Ev	K	C	S	L	Pr	Ev	K			
OFFICIALLY COMPULSORY																		
CmIT1O01	Optimization flexible systems	DS	133	2			1	E	7									
CmIA1O02	Industrial Robots	DA	133	2		1		E	7									
CmIT1O03	Quality assurance systems	DS	108	2				C	4									
CmIT1O13	Academicals Ethics and Integrity	DS	22	1				C	2									
CmIT1O04	Research project on industrial robots 1	DS	72		2			C	4									
CmIT2O07	Flexible Manufacturing Systems	DS	133							2		1		E	7			
CmIA2O08	Concept of flexible manufacturing processes	DA	133							2		1		E	7			
CmIA2O09	Industrial production management	DA	108							2	1			E	6			
CmIT2O10	Research project on industrial robots 2	DS	72										2	C	4			
CIAD4O22	Practice	DA+D T	100	90 ore Practica 6 ore/zi timp de 3 săptămâni Practica se va efectua la sfârșitul semestrului II											C	4		
TOTAL				7	2	1	1		24	6	1	2	2		24			
OPTIONAL COMPULSORY																		
CmIA1A05	Special assembly processes	DA	108	2	1			E	6									
CmIA1A06	Industrial control and admissibility																	
CmIT2A11	Equipment and systems research	DS	108							2		1		C	6			
CmIT2A12	Modelling methods in production																	
TOTAL				2	1				6	2		1			6			
TOTAL OFFICIALLY COMPULSORY				9	3	1	1		30	8	1	3	2		30			
FACULTATIVE																		

RECTOR
 Prof. Univ. Dr. Ramona LILE

DEAN
 Conf. Dr. Ing. Dan Ovidiu GLĂVAN

HEAD OF DEPARTMENT
 Prof. Dr. Ing. Gheorghe SIMA

„ Aurel Vlaicu “University of Arad

Faculty of Engineering

Department: Automation, Industrial Engineering, Textile and Transportation

Study area: Industrial Engineering

Bachelor Study Programme: Production of industrial systems

STUDY COURSES WITH RESPECT TO THE ACADEMIC YEARS
valid throughout the academic year 2018-2019
2st YEAR

Course code	Course	Course type	Indiv. study / Sem (h)	Weekly learning hours and evaluation type												
				3 st Semester 14 weeks						4 nd Semester 14 weeks						
				C	S	L	Pr	Ev	K	C	S	L	Pr	Ev	K	
	OFFICIALLY COMPULSORY															
CmIT3O01	Experimental research of industrial systems	DS	130	2		1		E	7							
CmIA3O02	Using CAD / CAM in production	DA	130	2			1	E	7							
CmIA3O03	Sensory systems process	DA	130	2			1	E	7							
CmIT3O04	Research Project CAD / CAM	DS	44				2	C	3							
CmIS4O07	Research to develop the dissertation thesis	DA+DS	554										7+7	C		30
	TOTAL			6		1	4		24					14		30
	OPTIONAL COMPULSORY															
CmIA3A05	Complements of advanced technology for industrial processes	DA	105	2		1		C	6							
CmIA3A06	Mechanical drive systems															
	TOTAL			2		1			6							
	TOTAL OFFICIALLY COMPULSORY			8		2	4		30					14		30
	FACULTATIVE															
	Dissertation project support													E		10

RECTOR
Prof. Univ. Dr. Ramona LILE

DEAN
Conf. Dr. Ing. Dan Ovidiu GLĂVAN

HEAD OF DEPARTMENT
Prof. Dr. Ing. Gheorghe SIMA