

ПОКРИЕНОСТ ЗА ВТОР ЦИКЛУС СТУДИИ

на предметите кои ќе се предаваат
во учебната 2019/2020 година на студиската програма

STUDY PROGRAM: MODELING AND SIMULATION OF PLASTIC DEFORMATION TECHNOLOGIES AND PROCESSES (MSPDTP)

Table 1

	Courses	ECTS	IX	X
1.	Obligatory course	6	6	
2.	Obligatory course	6	6	
3.	Obligatory course	6	6	
4.	Obligatory course	6	6	
5.	Elective course	6	6	
6.	Elective course	6		6
7.	Elective course	6		6
	Master thesis	18		18
	Total number of credits	60	30	30

No.	Study program	Years/ Number of credits ECTS	Total ECTS	Number/ percent of obligatory courses	Number/ elective course
1	MSPDTP	1 year/ 60 ECTS	60 ECTS / 100%	42 ECTS / 70%	18 ECTS / 30%

TABLE 2 OBLIGATORY COURSES

		WINTER SEMESTER (IX)	ECTS	PROFESSOR
1.	2MSPDTP01	ADVANCED FORMING PROCESSES AND TECHNOLOGIES	6	Professor Jasmina Chaloska
2.	2MSPDTP02	3D DIGITALIZATION PROCESSES IN MANUFACTURING	6	Professor Atanas Kochov
3.	2MSPDTP03	TECHNOLOGY OF RAPID PROTOTYPING – ADITIVE MANUFACTURING	6	Professor Atanas Kochov
4.	2MSPDTP04	MODELING AND SIMULATION OF PLASTIC DEFORMATION TECHNOLOGIES AND TOOLS	6	Professor Jasmina Chaloska

TABLE 2 ELECTIVE COURSES

		WINTER AND SUMMER SEMESTER (IX & X)	ECTS	PROFESSOR
1.	20MI08	GEOMETRIC TRANSFORMATIONS AND DEFORMATIONS IN 3D	6	Assoc. Prof. d-r Emilija Celakoska
2.	20MI09	MATLAB PROGRAMMING	6	Assis. Prof. Bojan Prangoski
3.	2MSPDTP05	POLYMER PROCESSING	6	Professor Anita Grozdanov (FTM)
4.	2MSPDTP06	NANOTECHNOLOGY PROCESSING	6	Professor Anita Grozdanov (FTM)
5.	2MSPDTP07	MODELING AND SIMULATION OF INJECTION MOLDING PROCESSES	6	Professor Atanas Kochov
6.	2MSPDTP08	VIRTUAL DESIGN OF INJECTION MOLDING TOOLS	6	Professor Jasmina Chaloska
7.	2MSPDTP09	VIRTUAL DESIGN OF METALFORMING TOOLS	6	Professor Atanas Kochov

8.	2MSPDTP10	MODELING AND SIMULATION OF SHEET METAL FORMING PROCESSES	6	Professor Jasmina Chaloska
9.	2MSPDTP11	AUGMENTED REALITY & 3D VISUALIZATION	6	Assistant Professor Tashko Rizov
10.	2MHT01	SENSORS & ACCURATORS (MECHATRONIC SYSTEM IN FORMING TOOLS)	6	Assistant Professor Jovana Jovanova
11.	2MSPDTP12	DESIGN OF PLASTIC PARTS	6	Professor Tatjana Kandikjan
12.	2VME01	VIRTUAL MANUFACTURING	6	Professor Gligorche Vrtanoski
13.	2VME07	NUMERICALLY CONTROLLED MACHINES AND CNC PROGRAMMING	6	Professor Zoran Pandilov
14.	2VME08	COMPUTER INTEGRATED MANUFACTURING	6	Professor Gligorche Vrtanoski
15.	2VME04	INTELLIGENT PROCESSES AND SMART TECHNOLOGIES	6	Professor Valentina Gechevska
16.	2IIM02	BUSSINESS INFORMATION SYSTEMS	6	Professor Robert Minovski
17.	2MSPDTP13	INNOVATION MANAGEMENT	6	Professor Radmil Polenakovikj
18.	2LEAN02	MANAGEMENT OF TECHNOLOGY	6	Assistant Professor B. Jovanoski
19.	2LM07	DESIGN OF QUALITY MANAGEMENT SYSTEMS	6	Professor Robert Minovski
20.	2MSPDTP14	FEASIBILITY STUDY DESIGN	6	Professor Ljubomir Drakulevski
21.	2MSPDTP15	CAD/CAM SYSTEMS	6	Professor Zoran Pandilov

MASTER THESIS

SUMMER SEMESTER - X		EKTC	
1.	MASTER THESIS	18	

Regarding the elective courses, the student is allowed to choose courses offered by other accredited university studies which are 6 ECTS worth.

Students are allowed to attend and take examination for up to two courses offered by one same professor.