## **SYLLABUS**

Basic data of the subject					
University	University o	f Applied	l Sciences in Fe	rizai	
Academic unit	University of Applied Sciences in Ferizaj Faculty of Engineering and Informatics				
Program			ng with Informa		
Title of the subject:	Technological Process Design				
Level:	Bachelor		2 2 3 3 3 3		
Course Status:	Core				
Year of studies:	III, Semester	V			
Number of hours per week:	3	<u> </u>			
Value of Credits - ECTS:	4				
	4				
Time / location:					
Course lecturer:					
Contact details:					
Course Description	This course will introduce students to the basics of				
	technological processes and their design in different industries and for different products.				
Ohiostinos afaba como			•	tudants with	
Objectives of the course:	The objective of this course is to provide students with knowledge about technological processes, their types and				
	_		•	* *	
	in particular the design of technological processes using various computer programs.				
Expected learning	Upon successful completion of this subject, students will be				
outcomes:	able to:				
outcomes.	<ul> <li>know the basic design basics of technological processes</li> </ul>				
	• know	about the	impact of technol	ogical processes	
	on pro	oduct desig	gn and vice versa	- ,	
	<ul> <li>eliminate manufacturing errors by using the basics</li> </ul>				
	of technological processes				
	<ul> <li>know the basics of designing technological</li> </ul>				
	processes with computer support				
Prerequisites	N/A				
Contribution to the student I	oad (which m	ust corre	spond with lear	ning outcomes)	
Activity	•	Hour	Day/Week	In total	
Lectures with lab tutorials	3	15	45		
Internship					
Contacts with teacher / consulta	1	5	5		
Field exercises	_				
Midterm, seminars and projects	2	8	16		
Homework	2	4-	22		
Self-learning time student (at th	2	15	30		
home)	4	-	-		
Final preparation for the exam	1	5	5 2		
Time spent on evaluation (tests, exam)	1	2	2		
Chailij					

Projects and presentations.		1	1	1		
Total				104		
Teaching methodology:		Lectures and e	exercises co	ombined with tuto	 orials and	
		classroom and laboratory exercises				
Assessment methods:		Course work 40%				
		Final exam 60	%			
		Rating:				
		91-100 point.	_			
		81-90 points	~	,		
		71-80 points	U	, ,		
		61-70 points	-			
		51-60 points	_	ent repeats the e	oram	
Literature		0-30 points –	The sina	eni repeais ine e	xum.	
Basic Literature:		1 Fatmi	ir Corbini	Projektimi i prod	COSOVO	
Dasic Literature.			-	Projektimi i prod Iandout), Fakulte		
			likuara – l	• • • • • • • • • • • • • • • • • • • •	, a i sincilave	
Additional Literature:					na nunimi nä	
Auditional Literature:		<ol> <li>Prof.Dr.Ing.A.Bushati - Algoritme punimi në ,,Teknologji mekanike",Tiranë,</li> </ol>				
		**		ku –Teknologjia i	mekanike 2 I	
			n Boamar I, Tiranë,	.u – reknologjiu i	HERUIIKE 2,1	
				nciples of Proces	s Plannina	
				ıll, London,	s riuming,	
		•		/odonik, F. : Proj	iektiranie	
				ocesa, tehnička l	-	
Designed learning plan			7.001.117	recoup termiena i		
Week:	Lec	tures and exe	rcises to k	e held		
14/ook one.	Cour	tout and abia	-+i	a a b m a l a mi a m l m m	anna danima	
Week one:		-	ctives of t	echnological pro	cess design	
Week two:	(TPD).					
	Determining the type and order of operations.  Generation of technological process variants.					
Week three:				<u> </u>		
Week four:	Production dimensioning and tolerances, Positioning and					
Mack five:	tightening, processing errors.					
Week five:	Production time: Time structure, production time					
Week six:	determination methods.  Production cost calculation models					
Week seven:	1	Production cost calculation models.  TRD report and production design				
Week eight:		TPD report and production design.				
Week nine:		Computer-aided design (CAPP) process design.  TPD requirements with different functions in the company.				
Week ten:				control, produc		
AAGEV IGII.			orning aria	control, product	LIVILY	
Week eleven:		management.				
WEEK EIEVEII.		Sales and supply, design and construction, management,				
Maak turahia		Penart of production / business strategies and TDD				
Week twelve:	Report of production / business strategies and TPD.					
Week thirteen:	The impact of technological processes on the overall performance of the business.					
	perj	ormance of tr	ie busines	o5.		

Week fourteen:	Submission of the course work	
Week fifteen:	Summary	

## Academic policies and rules of conduct

Regular attendance of lectures and exercises is necessary, as well as active participation with discussion and solution of tasks. Not impeding the progress required for learning using mobile phones turned off or in silent mode.