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	3	15	45
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Midterm, seminars and projects.		12	36
Homework			
Self-learning time student (at the library or at home)		15	15
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Projects and presentations.		1	1
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SYLLABUS

Assessment methods:	Course work 100%	
	Rating:	
	91-100 points – graded 10 (ten)	
	81-90 points – graded 9 (nine)	
	71-80 points – grade 8 (eight)	
	61-70 points – grade 7 (seven)	
	51-60 points – grade 6 (six)	
	0-50 points – The student repeats the exam.	
Literature		
Basic Literature:	1. Prof. dr. Shaban A. Buza, Sistemet CAD/CAM –	
	ligjerata të autorizuara,	
	Prishtinë 2009	
	2.Stark, J., Managing CAD/CAM Implementation,	
	Organisation and Integration, McGraw Hill, 1998.	
Additional Literature:	1. Altintas, Y.: Manufacturing Automation, Cambridge	
	University Press, Cambridge 2000.	
	2. R. Cebalo: Obradni sustavi, Vedograf, Zagreb 2000.	

Designed learning plan		
Week:	Lectures and exercises to be held	
Week one:	Introduction to CAD and CAM.	
Week two:	CAD systems. Components of CAD systems. Production	
	supported by computers - CAM.	
Week three:	NC and CNC machines. The key elements of CNC	
	machines, measuring systems, drives, and computers	
	command. Characteristics of CNC computer command.	
Week four:	Programming of CNC machines. Programming by hand.	
	Programming systems CAD / CAM.	
Week five:	Practical work in the Laboratory.	
Week six:	CAD modelling taking into account the generation of NC	
	Programs.	
Week seven:	The integration of CAD and CAM systems.	
Week eight:	The interfaces of systems CAD / CAM.	
Week nine:	Application of systems CAD / CAM design and	
	manufacture of complex Parts.	
Week ten:	Tool path generation for faster processing of prototypes.	
Week eleven:	Manipulation with working parts and tools	
Week twelve:	Programmable Controllers	
Week thirteen:	Robots and manipulators.	
Week fourteen:	Practical work in the Laboratory	
Week fifteen:	Presentation of course work	

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.