NAME OF THE COURSE	Methods in teaching technics I					
Code	PMT169		Year of study	1. year graduate study		
Course teacher	Stjepan Kovačević, Assistant Professor		Credits (ECTS)	6,0		
Associate teachers			Type of instruction (number of hours)	L	S	E	F
				30	30	30	
Status of the course	Compulsory		Percentage of application of e-learning			

COURSE DESCRIPTION	
Course objectives	Adoption of basic knowledge and skills necessary for successful planning and teaching general technological subjects in primary and secondary schools.
Course enrolment requirements and entry competences required for the course	The subject didactic attended, the subject of pedagogy inscribed.
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	Upon successful completion of this course students will be able to: 1. Apply the general pedagogical, didactic, and psychological legality in teaching; 2. Determine and formulate a methodical unit objective; 3. Operationalize educational objective with appropriate outcomes; 4. Materialize educational outcomes with adequate educational content; 5. Write the preparation for teaching lesson; 6. Evaluate the training content of certain occupations and professions in Technology education.
Course content broken down in detail by weekly class schedule (syllabus)	1. Week: Definition of the teaching methodology, Technology, Technology education and teaching methodology. 2. Week: The Technology education curriculum: modern concepts - general-technical (Polytechnic) and special technical subjects. 3. Week: The educational aims and objectives, types, forms and levels of curricula, manner, and places of teaching. 4. Week: Educational content selection, structuring and designing. 5. Week: Determination and formulating teaching objectives and goals. 6. Week: Planning and preparation teaching in the Technology education. 7. Week: Planning and preparing the teaching lesson. 8. Week: 1st colloquium. 9. Week: Technology subjects' curriculum in compulsory education. 10. Week: Technology subjects' curriculum in secondary schools. 11. Week: Detailed development teaching lesson preparation from in accordance with the curriculum of technology education in compulsory school. 12. Week: The teaching simulation. 13. Week: The teaching simulation. 14. Week: The teaching simulation. 15. Week: 2nd colloquium.
Format of instruction	☒ lectures ☒ seminars and workshops ☒ exercises ☐ *on line* in entirety ☐ partial e-learning ☐ field work	☐ independent assignments ☐ multimedia ☐ laboratory ☐ work with mentor ☐ (other)
Student responsibilities	

Screening student work *(name the proportion of ECTS credits for each activity so that the total number of ECTS credits is*	Class attendance		Research		Practical training	2
	Experimental work		Report		(Other)	
	Essay		Seminar essay	2	(Other)	
	Tests		Oral exam	2	(Other)	

equal to the ECTS value of the course)	Written exam		Project		(Other)	

Grading and evaluating student work in class and at the final exam	The final score derives from analysis and evaluation of seminars papers and exercises, the success achieved in the midterm's exams and discussion about the theoretical problems of Technology teaching methodology (final oral exam).

Required literature (available in the library and via other media)	**Title**	**Number of copies in the library**	**Availability via other media**
	Kyriacou Ch.: Temeljna nastavna umijeća, Educa, Zagreb, 2001.		
	Milat J.: Metodika radno tehničkog područja, Fakultet prirodoslovno-matematičkih znanosti i odgojnih područja, Split, 2009.		
	Milat J.: Pripremanje za nastavu – metodički priručnik, Hrvatska zajednica tehničke kulture, Zagreb, 1995.		

Optional literature (at the time of submission of study programme proposal)	1. Jensen E.: Različiti mozgovi, različiti učenici – kako doprijeti do onih koji se teško dopire, Educa, Zagreb, 2004., str.: 1 – 166. 2. Malinar B.: Metodika tehničkog i proizvodnog odgoja, Zavod za tehničku kulturu Zagreb, Zagreb, 1969., str. 1 - 266 3. Milat J.: Teorijske osnove metodike politehničkog osposobljavanja, Školske novine, Zagreb. 1990., str.: 1 – 214. 4. Terhart E.: Metode učenja i poučavanja, Educa, Zagreb, 2001., str.: 1 – 207. 5. Wood D.: Kako djeca misle i uče, Educa, Zagreb, 1995., str.: 1 - 220.
Quality assurance methods that ensure the acquisition of exit competences	- Students interview; Students opinions regarding the teaching quality by anonymous surveys; Students achievement; Self-analysis.
Other (as the proposer wishes to add)	