

Study program	Level of the study program		First cycle	
	Study program name		Physics Education	
Course name	COMMUNICATION SKILLS FOR PHYSICISTS			
Course ID	Semester	Course status	ECTS credits	L+E
PED1311	I	ELECTIVE	3	2+1
Lecturer				
Aims and intended learning outcomes	The aim of this course is to develop the students' skills of scientific communication. Intended learning outcomes: 1. Describe the nature of scientific knowledge and inquiry. 2. Make effective oral presentations. 3. Produce written materials of high quality.			
Course content				
The concept of communication. The nature of scientific knowledge and inquiry. Communicating scientific ideas. Basics of scientific writing – part I (Analysing the audience. Identifying sources of relevant literature). Basics of scientific writing – part II (Analysing relevant literature. Developing an outline). Basic of scientific writing – part III (Writing different sections of a scientific text. Citing references). Effective presentation skills – part I (Contents of the presentation. Structure of the presentation). Effective presentation skills – part II (Visual aids). Effective presentation skills – part III (Delivery of the presentation). Writing e-mails. Writing business letters. Writing job application letters. Popularization of science in the mass media.				
Student workload (hours)		Grading		
Lectures and Exercises	45	Assessment method	Points	
Exam preparation	10	Oral presentation	30	
Assignments	15	Seminar paper	30	
Other	5	Partial exam	20	
Total	75	Final exam	20	
		Total	100	
Literature				
1. Čengić, M. (2005). Vještina pisanja. Sarajevo: DES. 2. Alley, M. (2013). The Craft of Scientific Presentations. New York: Springer. 3. Alley, M. (2018). The Craft of Scientific Writing. New York: Springer. 4. Lannon, J. M, & Gurak, L.J. (2017). Technical Communication. Boston: Pearson.				
Remarks				