

Study program	Level of the study program		First cycle	
	Name of the study program		Physics	
Course name	COMMUNICATION SKILLS FOR PHYSICISTS			
Course ID	Semester	Course status	ECTS credits	L+E
PED1311	I	ELECTIVE	3	2+1
Lecturer	Prof. dr. Vanes Mešić			
Aims and intended learning outcomes	<p>The aim of this course is to develop the students' skills of scientific communication.</p> <p>Intended learning outcomes:</p> <ol style="list-style-type: none"> <li>1. Describe the nature of scientific knowledge and inquiry.</li> <li>2. Make effective oral presentations.</li> <li>3. Produce written materials of high quality.</li> </ol>			
Course content				
<p>The concept of communication.</p> <p>The nature of scientific knowledge and inquiry. Communicating scientific ideas.</p> <p>Basics of scientific writing – part I (Analysing the audience. Identifying sources of relevant literature).</p> <p>Basics of scientific writing – part II (Analysing relevant literature. Developing an outline).</p> <p>Basic of scientific writing – part III (Writing different sections of a scientific text. Citing references).</p> <p>Effective presentation skills – part I (Contents of the presentation. Structure of the presentation).</p> <p>Effective presentation skills – part II (Visual aids).</p> <p>Effective presentation skills – part III (Delivery of the presentation).</p> <p>Writing e-mails. Writing business letters. Writing job application letters.</p> <p>Popularization of science in the mass media.</p>				
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				
<ol style="list-style-type: none"> <li>1. Čengić, M. (2005). Vještina pisanja. Sarajevo: DES.</li> <li>2. Alley, M. (2013). The Craft of Scientific Presentations. New York: Springer.</li> <li>3. Alley, M. (2018). The Craft of Scientific Writing. New York: Springer.</li> <li>4. Lannon, J. M, &amp; Gurak, L.J. (2017). Technical Communication. Boston: Pearson.</li> </ol>				
Remarks				