Study program	Level of studies		First cycle	
Study program	Study program name		Physics Education	
Course name	PHYSICS LABORATORY I			
Course ID	Semester	Course status	ECTS credits	L+E
PHY2411	II	MANDATORY	4	0+3
Lecturer				
Aims and intended learning outcomes	<ul> <li>The aim of the course is to familiarize students with practical laboratory exercises as well as with phenomena and physical laws in the field of mechanics by handling and using different devices and instruments.</li> <li>Students are expected <ul> <li>to be able to apply the experimental methodology to the research of physical phenomena in the field of mechanics,</li> <li>to be able to master the operation of the apparatus for demonstrating certain mechanical phenomena,</li> <li>explain the difference between the obtained and the expected results in the experiments.</li> </ul> </li> </ul>			
		Course content		
<ol> <li>5. Determining t</li> <li>6. Determining t</li> <li>7. Determining t</li> <li>8. Determining t</li> <li>9. Elastic deform</li> <li>10. Determination</li> <li>Two-capillary</li> <li>11. Determination</li> <li>method.</li> <li>12. Standing acoustication</li> </ol>	he acceleration of he initial velocity of he density of solid he density of liqui he moment of ine nations of solid bo n of viscosity coe viscometer n of viscosity coe ustic waves. leasurement for ta	of horizontally launched ba d bodies. d. rtia. odies. fficient using a single cap efficient with two-capillary asks with a large measure	pillary viscometer - viscometer - abs	
Student workload (hours)			Grading	
Lectures and Exercise	, ,	Assessment		Points
Exam preparation	45			16
Assignments	5	Exerc		44
Other	5	Final e		40
Total	100			
		Total		100
		Literature		100
	abanika interna al	kripta, PMF Sarajevo.		