

Study program: Geoinformation Technologies

Qualification: PhD

General Information			
University	Armenian National Agrarian University (ANAU)		
Course title	New teaching methods		
The responsible lecturer	Professor Gurgen Yeghiazaryan Email: sfwmrc@yahoo.com , yeghiazaryangurgen@gmail.com		
Course type	Compulsory		
Course Goal	To study new methods of teaching, goals, tasks, ways and forms of their implementation		
Prerequisites and co-requisites (if applicable):	Higher geodesy and digital technologies		
Duration and ECTS Credits	In credits (ECTS)	In hours	Semester
	3	90 (48 auditorium + 42 individual)	Fall
Learning Outcomes	Passive teaching methodology Active teaching methodology Interactive teaching methodology		
Syllabus (List of lessons)	Module 1	Passive teaching methods	
		Lecture Research Report Scientific article	
	Module 2	Active teaching methods	
		Laboratory method Exercises A conversation Group discussions	

		Photograph Watching videos Extracurricular work Guided learning Integrated seminar
	Assignment #1	Each researcher presents the technology of teaching the same material with active and passive methods
	Module 3	Active teaching methods
		Master's thesis Microteaching Seminar Online discussions Design method Colloquium
	Assignment #2	Organize and implement a trial lesson with a choice of active methods
	Module 4	Interactive teaching methods
		Creative work A debate Case method Training Brainstorming
	Assignment #3	Present the use of interactive teaching methods with concrete examples
	Module 5	Learning methods
		Study of textbooks, sources Listening Cluster Exercises Modeling Trial teaching

		Debate
	Assignment #4	Presents the content and application of learning methods in concrete examples
Short description	Content of passive, active, interactive teaching methods, ways of implementation	
Recommended textbooks and links (in order of relevance):	<p>Required text and materials</p> <ol style="list-style-type: none"> 1. Берденникова Н. Г., Меденцев В. И., Панов Н. И. Организационное и методическое обеспечение учебного процесса в вузе: учебное пособие. Серия: Новое в высшем профессиональном образовании. - СПб.: Д.А.Р.К., 2006. - 208 с. 2. Беспалько В. П. Педагогика и прогрессивные технологии обучения. - М.: Изд-во ИРПО МО РФ, 1995. - 336 с. 3. Наумкин Н. И. Методическая система формирования у студентов технических вузов способностей к инновационной инженерной деятельности: монография / под ред. П. В. Сенина, Л. В. Масленниковой, Д. Я. Тамарчака; Моск.пед. гос. ун-т. - Саранск: Изд-во Мордов.ун-та, 2008. - 172 с. 4. Наумкин Н. И., Грошева Е. П., Купряшкин В. Ф. Подготовка студентов национальных исследовательских университетов к инновационной деятельности в процессе обучения техническому творчеству / под ред. П. В. Сенина, Ю. Л. Хотунцева; Моск.пед. гос. ун-т. - Саранск: Изд-во Мордов. ун-та, 2010. - 120 с. 5. Наумкин Н. И., Грошева Е. П., Фролова Н. Н. Подготовка студентов национальных исследовательских университетов к инновационной деятельности на основе компетентностного подхода // Интеграция образования. - 2010. - № 4 (61). - С. 28-33. 	
Assessment methods and criteria	<p>Final exam with 20-point grade.</p> <p>To successfully complete this course, students must achieve a passing grade of 50% or higher on the overall course and on the mandatory final project. Under final project students should develop a research proposal.</p>	

