

СИЛАБУС ДИСЦИПЛІНИ «ECONOMIC INFORMATICS»

Ступінь вищої освіти - Bachelor Спеціальність 075 «Marketing» Освітня програма «07 Management and administration» Рік навчання 1, семестр 1 Форма навчання денна Кількість кредитів ЄКТС 4 Мова виклалання англійська

Лектор курсу

к.е.н, доцент кафедри інформаційних систем і технологій

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Сторінка курсу в eLearn

https://elearn.nubip.edu.ua/course/view.php?id=2749

ОПИС ДИСЦИПЛІНИ

The course "Economic Informatics" highlights the main principles and methods of applying modern information technologies in solving economic problems. The purpose of the course is to form in future professionals the necessary level of information and computer culture, the acquisition of practical skills in PC and the use of modern information technology to solve various problems in the process of learning and working in the specialty. The acquired skills of working on a personal computer with an operating system and major software packages such as MS Word, MS Power Point, MS Excel and online systems will enhance the performance of the tasks by future specialists.

The course provides the formation of a number of general and program competencies:

General Competences (GC)

GC 8 Skills in the use of information and communication technologies.

GC 10. Ability to conduct research at the appropriate level.

Program Competences (PC)

PR 21. Demonstrate the ability to use information and communication technologies to search, process, analysis and use of information from various sources.

СТРУКТУРА КУРСУ

Тема	Години (лекції/ Лабора- торні)	Результати навчання	Завдання	Оціню- вання
	Module 1	Theoretical basis of economic inform	atics	
Topic 1. Theoretical	2/6	To know the role and place of IT in	Tasks of	10
basics of economic		human life. Data, their types and	laboratory works.	
informatics		structure. To understand what is	Independent	
		Information, its types and	work.	
		quantitative dimension. To know	Answers to	
		the difference between information	questions	
		technology (IT) and information		
		system (IS). Stages of development		
		of IT. Industry and market IT. To		
		be able of classification of		
		economic information. To know the		
		latest trends in IT, main directions		
		of computer science development.		

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tables. Create and remove tables. Edit the table. Formatting tables.					
Calculations in the table. Creating					
Formulas. Editing formulas.					
Placement of formulas in the text.					

		Tables and charts in MS Word.		
		Insert chart and graph documents.		
		Editing charts. Types of charts.		
		Insert pictures. Import graphic		
		objects. Create an organizational		
	0.12	chart. Edit organizational chart.		
Module 1 (practical	0/2		Practical	45
assignment, quiz)			assignment and final test in the	
			electronic course	
	Module 2	 Introduction to spreadsheets of MS I		
Topic 5. Introduction to	2/6	To know the main tools of	Tasks of	15
MS Excel	2,0	spreadsheet toolbars, moving to	laboratory works.	10
		worksheet, cell ranges, rows,	Independent	
		columns, data entry. To know the	work.	
		difference between absolute and	Answers to	
		relative cell references. Entering	questions	
		sequences of numbers, dates and		
		text. Using AutoFill. Format cells:		
		number format, alignment, frame		
		creation and background fill. Mathematical operators. To know		
		how to How to Add, Subtract,		
		Multiply, Divide in Excel. Date and		
		time formula. Errors in formulas.		
		Replacing the formula with its		
		calculated value. To be able to		
		create different types of formulas.		
		To know how to create of graphics		
		from one variable $y = f(x)$ and		
		from two variables $z = f(x, y)$. Use		
Tonia (Franctions of MC	2/8	of the built-in functions.	Tasks of	15
Topic 6. Functions of MS Excel	2/8	To understand the logical and financial functions (operators) and	laboratory works.	15
Excer		conditions in MS Excel. Use logical	Independent	
		functions when their values are text	work.	
		based on certain conditions.	Answers to	
		Calculation of values of logic	questions	
		functions with four and more		
		conditions. Visualizing data using		
T	2/7	charts in Excel	TD 1 C	25
Topic 7. «Data	3/7	To be able how to create Pivot Table in MS Excel. The main	Tasks of laboratory works.	25
Analysis», «Pivot tables» and «Solver» tools in MS		features of the Pivot tables in MS	Independent	
Excel		Excel. Objects of the Pivot tables.	work.	
Lacci		Organization of the database.	Answers to	
		Create lists. Data entry. Search	questions	
		records. Arranging records. Using	1	
		Auto Filter. Using AutoFormat.		
		Advanced filter. Functions for		
		working with databases. Generation		
		of consolidated tables. Data		
		consolidation. To know how to automate the execution of		
		procedures in MS Excel by creating		
		macros and applying a package of		
		analysis for financial and scientific		
		data.		
Module 2 (practical	0/2		Practical	45
assignment, quiz)			assignment and	
			final test in the	
Par are as some		<u> </u>	electronic course	70
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Всього за курс	<u>I</u>	1	l	100
Deboi o sa Rype				100

політика оцінювання

Політика щодо дедлайнів та перескладання:	Роботи, які здаються із порушенням термінів без поважних причин, оцінюються на нижчу оцінку. Перескладання модулів відбувається із дозволу лектора за наявності поважних причин (наприклад, лікарняний).
Політика щодо академічної доброчесності:	Списування під час контрольних робіт та екзаменів заборонені (в т.ч. із використанням мобільних девайсів). Курсові роботи, реферати повинні мати коректні текстові посилання на використану літературу
Політика щодо відвідування:	Відвідування занять є обов'язковим. За об'єктивних причин (наприклад, хвороба, міжнародне стажування) навчання може відбуватись індивідуально (в он-лайн формі за погодженням із деканом факультету)

ШКАЛА ОЦІНЮВАННЯ СТУДЕНТІВ

Рейтинг здобувача	Оцінка національна за результати складання екзаменів заліків		
вищої освіти, бали	екзаменів	заліків	
90-100	відмінно	зараховано	
74-89	добре		
60-73	задовільно		
0-59	незадовільно	не зараховано	