

**ДЕРЖАВНИЙ ТОРГОВЕЛЬНО-ЕКОНОМІЧНИЙ
УНІВЕРСИТЕТ**

СИСТЕМА УПРАВЛІННЯ ЯКІСТЮ

**Система забезпечення якості освітньої діяльності та якості вищої
освіти**

сертифікована на відповідність ДСТУ ISO 9001:2015 / ISO 9001:2015


Кафедра сучасних європейських мов

ЗАТВЕРДЖЕНО

вченою радою ФМТП

(пост. п. 12 від «25» 06 2024 р.)

Декан

 Юлія ГОНЧАРОВА

**ІНОЗЕМНА МОВА В ІНФОРМАЦІЙНИХ
ТЕХНОЛОГІЯХ /
FOREIGN LANGUAGE IN INFORMATION
TECHNOLOGY**

**РОБОЧА ПРОГРАМА /
COURSE OUTLINE**

освітній ступінь	магістр / master
галузь знань	12 Інформаційні технології / Information Technology
спеціальність	122 Комп'ютерні науки / Computer Science
освітня програма	Комп'ютерні науки / Computer Science

Київ 2024

**Розповсюдження і тиражування без офіційного дозволу ДТЕУ
заборонено**

Автори: Г. О. Строганова, кандидат філологічних наук, доцент кафедри сучасних європейських мов, А.П. Дурдас, доктор філософії з галузі "Освіта. Педагогіка" доцент кафедри сучасних європейських мов.

Робочу програму розглянуто і затверджено на засіданні кафедри сучасних європейських мов 01.05.2024 р., протокол № 16.

Рецензенти: Т.В. Гарбуза, кандидат педагогічних наук, доцент, завідувач кафедри сучасних європейських мов ДТЕУ.
О.І. Пурський, доктор фізико-математичних наук, професор, завідувач кафедри комп'ютерних наук та інформаційних систем ДТЕУ;
С.П. Кудрявцева, кандидат технічних наук, провідний науковий співробітник Міжнародного науково-навчального центру інформаційних технологій та систем НАН та МОН України.

**ІНОЗЕМНА МОВА В ІНФОРМАЦІЙНИХ
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1. СТРУКТУРА ДИСЦИПЛІНИ ТА РОЗПОДІЛ ГОДИН ЗА ТЕМАМИ (ТЕМАТИЧНИЙ ПЛАН)

Назва теми	Кількість годин					Форми контролю
	Усього годин / кредитів	з них			самостійна робота студентів	
		лекції	Практичні заняття / МК	лабораторні заняття		
1	2	3	4	5	6	7
Змістовний модуль 1. Introduction to Computer Systems						
Тема 1. The Role of the Computer and its History			8		14	УО, Д, ЗПУМ, ЗППМ, ТК
Тема 2. Elements and Functions of Computer Systems			8		14	УО, Д, ЗПУМ, ЗППМ, ТК
Тема 3. Programming			8		14	УО, Д, ЗПУМ, ЗППМ, ТК
Тема 4. Information and Communication Technologies			8		16	УО, Д, ЗПУМ, ЗППМ, ТЗ
Змістовний модуль 2. Information Technology in Business						
Тема 5. How Computers Help Businesses			4		10	УО, Д, ЗПУМ, ЗППМ, ТК
Тема 6. Management Information Systems (MIS)			6		12	УО, Д, ЗПУМ, ЗППМ, ТК
Тема 7. The Internet			4		10	УО, Д, ЗПУМ, ЗППМ, ТК, ТЗ
Тема 8. Electronic Commerce			4		10	УО, Д, ЗПУМ, ЗППМ, ТК
Тема 9. Multimedia			4		10	УО, Д, ЗПУМ, ЗППМ, ТК
Тема 10. Cybersecurity Module Test			6		10	УО, Д, ЗПУМ, ЗППМ,

						ТЗ, МКР
Разом	180/6		60		120	
Підсумковий контроль – екзамен						

Умовні скорочення:

УО – усне опитування;

Д – дискусія;

ЗПУМ – завдання для перевірки усного мовлення;

ЗППМ – завдання для перевірки писемного мовлення;

ТЗ – творче завдання;

ТК – тестовий контроль;

МКР – модульна контрольна робота

2. ТЕМАТИКА ТА ЗМІСТ ПРАКТИЧНИХ ЗАНЯТЬ ТА САМОСТІЙНОЇ РОБОТИ СТУДЕНТІВ

Результати навчання	Навчальна діяльність*	Робочий час студента, год
1	2	3
Змістовний модуль 1. Introduction to Computer Systems		
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 1. The Role of the Computer and its History</p> <p style="text-align: center;">Lesson 1</p> <p style="text-align: center;">In-class activity</p> <p><i>Starting up:</i> Course Structure Explanation</p> <p><i>Discussing</i> the role of computers</p> <p><i>Reading</i> and discussing the text about the role of computers;</p> <p>-guessing the contextual meaning of the unknown words and expressions from the text;</p> <p>-understanding the specific information provided in the text.</p> <p>Vocabulary</p> <p>Words and expressions for talking about the role of computers:</p> <p>-introduction of professional vocabulary to the topic;</p> <p>-memorizing new words concerning the role of computers;</p> <p>- using professional vocabulary while doing exercises;</p> <p>-developing key vocabulary through a variety of</p>	4

<p>concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p style="text-align: center;">Lesson 4</p> <p style="text-align: center;">In-class activity</p> <p><i>Starting up</i> Homework revision <i>Reading and discussing</i> the text “Elements of Computer Systems” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p><i>Speaking</i> Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p><i>Vocabulary</i> Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p><i>Grammar Review</i> Futures (1) -developing knowledge through a variety of exercises.</p> <p><i>Speaking</i> <i>Preparing to the presentation of the topic “Computer Components”</i></p> <p>Список рекомендованих джерел: <i>Основний:</i> 1, 2, 3 <i>Додатковий:</i> 5, 7, 8 <i>Інтернет-ресурси:</i> 3, 4, 5, 9, 11,13</p>	2
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of</p>	<p>Topic 2. Elements and Functions of Computer Systems</p> <p style="text-align: center;">Lesson 5</p> <p style="text-align: center;">In-class activity</p> <p><i>Starting up</i> Homework revision <i>Reading and discussing</i> the text “Computer Hardware and Software” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem</p>	2

<p>view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>of the text. Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs. Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. <p style="text-align: center;">Further work</p> Grammar Review Futures (2) -developing knowledge through a variety of exercises. Speaking <i>Preparing to the presentation of the topic “Computer Hardware and Software”</i> Список рекомендованих джерел: <i>Основний: 1 [с. 25-29], 2 [с. 12-13], 3 [с. 30-37]</i> <i>Додатковий: 5 [с. 6-13], 6 [с. 10-17], 7 [с. 12-20], 8 [с. 6-19]</i> <i>Інтернет-ресурси: 2, 3, 4, 5, 9, 11</i></p>	4
<p>To know: basic professional concepts and terminology on relevant topics in English. To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation</p>	<p>Topic 2. Elements and Functions of Computer Systems</p> <p style="text-align: center;">Lesson 6 In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Input and Output Devices” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs. Vocabulary</p>	2

	<p>Past Perfect -developing knowledge through a variety of exercises. Speaking <i>Preparing to the presentation of the topic “Batch versus On-Line Processing”.</i> Список рекомендованих джерел: <i>Основний: 1 [с. 25-29], 2 [с. 12-13], 3 [с. 30-37]</i> <i>Додатковий: 5 [с. 6-13], 6 [с. 10-17], 7 [с. 12-20], 8 [с. 6-19]</i> <i>Інтернет-ресурси: 2, 3, 4, 5, 9, 11</i></p>	
<p>To know: basic professional concepts and terminology on relevant topics in English. To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 3. Programming Lesson 8 In-class activity Starting up Homework revision Reading and discussing the text “Computer Programs” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs. Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. Further work Grammar Review Past Perfect Continuous -developing knowledge through a variety of exercises. Speaking <i>Preparing to the presentation of the topic “Computer Languages”</i> Список рекомендованих джерел: <i>Основний: 1 [с. 34-37], 2 [с. 14-15], 3 [с. 40-</i></p>	<p>2</p> <p>4</p>

	45] <i>Додатковий: 1 [с. 10-18], 7 [с. 57-64]</i> <i>Интернет-ресурси: 2, 3, 5, 10, 11</i>	
To know: basic professional concepts and terminology on relevant topics in English. To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.	<p>Topic 3. Programming</p> <p>Lesson 9</p> <p>In-class activity</p> <p><i>Starting up</i> Homework revision <i>Reading and discussing</i> the text “New Directions in Computer Programs”</p> <ul style="list-style-type: none"> -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. <p><i>Speaking</i> Developing skills through a variety of tasks:</p> <ul style="list-style-type: none"> -giving full answers to the questions; -making comparisons; - making dialogs. <p><i>Vocabulary</i> Developing key vocabulary on the topic through a variety of tasks</p> <ul style="list-style-type: none"> -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. <p style="text-align: center;">Further work</p> <p><i>Grammar Review</i> Passives (1)</p> <ul style="list-style-type: none"> -developing knowledge through a variety of exercises. <p><i>Speaking</i> <i>Preparing to the presentation of the topic “New Directions in Computer Programs”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 34-37], 2 [с. 14-15], 3 [с. 40-45]</i> <i>Додатковий: 1 [с. 10-18], 7 [с. 57-64]</i> <i>Интернет-ресурси: 2, 3, 5, 10, 11</i></p>	2
To know: basic professional concepts and terminology on relevant topics in	<p>Topic 3. Programming</p> <p>Lesson 10</p> <p>In-class activity</p> <p><i>Starting up</i> Homework revision <i>Reading and discussing</i> the text “Multimedia</p>	4
To know: basic professional concepts and terminology on relevant topics in	<p>Topic 3. Programming</p> <p>Lesson 10</p> <p>In-class activity</p> <p><i>Starting up</i> Homework revision <i>Reading and discussing</i> the text “Multimedia</p>	2

<p>English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Computing”</p> <ul style="list-style-type: none"> -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. <p>Speaking Developing skills through a variety of tasks:</p> <ul style="list-style-type: none"> -giving full answers to the questions; -making comparisons; - making dialogs. <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks</p> <ul style="list-style-type: none"> -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. <p style="text-align: center;">Further work</p> <p>Grammar Review Passives (2)</p> <ul style="list-style-type: none"> -developing knowledge through a variety of exercises. <p>Speaking <i>Preparing to the presentation of the topic “Multimedia Computing”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 34-37], 2 [с. 14-15], 3 [с. 40-45]</i> <i>Додатковий: 1 [с. 10-18], 7 [с. 57-64]</i> <i>Інтернет-ресурси: 2, 3, 5, 10, 11</i></p>	4
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional</p>	<p>Topic 3. Programming</p> <p style="text-align: center;">Lesson 11</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision</p> <p>Reading and discussing the text about object-oriented programming.</p> <ul style="list-style-type: none"> -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. <p>Speaking Developing skills through a variety of tasks:</p> <ul style="list-style-type: none"> -giving full answers to the questions; 	2

<p>terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>-making comparisons; - making dialogs. Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Passives: Present, Past and Future -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Parallel Computing”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 34-37], 2 [с. 14-15], 3 [с. 40-45] Додатковий: 1 [с. 10-18], 7 [с. 57-64] Інтернет-ресурси: 2, 3, 5, 10, 11</i></p>	4
<p>To know: basic professional concepts and terminology on relevant topics in English. To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 4. Information and Communication Technologies</p> <p style="text-align: center;">Lesson 12</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Information System” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p>	4

	<p style="text-align: center;">Further work</p> <p>Grammar Review Modal Verbs (1) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “The Concept of Information System”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 44-48], 2 [с. 16-17], 3 [с. 46-50]</i> <i>Додатковий: 5 [с. 4-5], 6 [с. 108-115], 8 [с. 20-21]</i> <i>Інтернет-ресурси: 1, 3, 5, 9, 12, 13</i></p>	4
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 4. Information and Communication Technologies</p> <p style="text-align: center;">Lesson 13</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Types of Information Technologies”</p> <ul style="list-style-type: none"> -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. <p>Speaking Developing skills through a variety of tasks:</p> <ul style="list-style-type: none"> -giving full answers to the questions; -making comparisons; - making dialogs. <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks</p> <ul style="list-style-type: none"> -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. 	2
	<p style="text-align: center;">Further work</p> <p>Grammar Review Modal Verbs (2) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Types</i></p>	4

	<p><i>of Information and Communication Technologies”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 44-48], 2 [с. 16-17], 3 [с. 46-50]</i> <i>Додатковий: 5 [с. 4-5], 6 [с. 108-115], 8 [с. 20-21]</i> <i>Інтернет-ресурси: 1, 3, 5, 9, 12, 13</i></p>	
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 4. Information and Communication Technologies</p> <p style="text-align: center;">Lesson 14</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision</p> <p>Reading and discussing the text “Digitization” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Modal Verbs (3) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Digitization”</i></p> <p>Writing <i>Research and systematization of data on the topic “Introduction to Computer Systems”. Search for information in scientific databases Scopus, Web of Science.</i></p> <p>Список рекомендованих джерел:</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">6</p>

	<p><i>Основний: 1 [с. 44-48], 2 [с. 16-17], 3 [с. 46-50]</i></p> <p><i>Додатковий: 5 [с. 4-5], 6 [с. 108-115], 8 [с. 20-21]</i></p> <p><i>Інтернет-ресурси: 1, 3, 5, 9, 12, 13</i></p>	
Змістовний модуль 2. Information Technology in Business		
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 5. How Computers Help Businesses</p> <p style="text-align: center;">Lesson 15</p> <p style="text-align: center;">In-class activity</p> <p><i>Starting up</i> Homework revision</p> <p><i>Reading and discussing</i> the text “How Computers Help Businesses”</p> <ul style="list-style-type: none"> -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. <p><i>Speaking</i> Developing skills through a variety of tasks:</p> <ul style="list-style-type: none"> -giving full answers to the questions; -making comparisons; - making dialogs. <p><i>Vocabulary</i> Developing key vocabulary on the topic through a variety of tasks</p> <ul style="list-style-type: none"> -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. 	2
	<p style="text-align: center;">Further work</p> <p><i>Grammar Review</i> Conditionals (1)</p> <ul style="list-style-type: none"> -developing knowledge through a variety of exercises. <p><i>Speaking</i> <i>Preparing to the presentation of the topic “Information Technology in Business”</i></p> <p>Список рекомендованих джерел</p> <p><i>Основний: 1 [с. 30-33], 2 [с. 18-19], 3 [с. 51-57]</i></p> <p><i>Додатковий: 1 [с. 18-22], 5 [с. 16-19], 6 [с. 18-23], 8 [с. 34-44]</i></p> <p><i>Інтернет-ресурси: 1, 3, 4, 7, 11, 12</i></p>	6
To know:	Topic 5. How Computers Help Businesses	2

<p>basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p style="text-align: center;">Lesson 16</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Decision Support Systems” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Conditionals (2) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Decision Support Systems”</i></p> <p>Список рекомендованих джерел <i>Основний: 1 [с. 30-33], 2 [с. 18-19], 3 [с. 51-57]</i> <i>Додатковий: 1 [с. 18-22], 5 [с. 16-19], 6 [с. 18-23], 8 [с. 34-44]</i> <i>Інтернет-ресурси: 1, 3, 4, 7, 11, 12</i></p>	4
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from</p>	<p style="text-align: center;">Topic 6. Management Information Systems</p> <p style="text-align: center;">Lesson 17</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Management Information Systems” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text;</p>	2

<p>professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>- discussing the general idea / the main problem of the text. Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs. Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. <p style="text-align: center;">Further work</p> Grammar Review Conditionals (3) -developing knowledge through a variety of exercises. Speaking <i>Preparing to the presentation of the topic “Distinction between Data and Information”</i> Список рекомендованих джерел <i>Основний: 1 [с.18-21], 2[с. 20-21], 3 [с. 58-62]</i> <i>Додатковий: 1 [с. 23-25], 2 [с. 17-26], 7 [с. 21-29]</i> <i>Інтернет-ресурси: 1, 3, 4, 7, 11, 13</i></p>	4
<p>To know: basic professional concepts and terminology on relevant topics in English. To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation</p>	<p style="text-align: center;">Topic 6. Management Information Systems Lesson 18</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Database” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs. Vocabulary Developing key vocabulary on the topic through a variety of tasks</p>	2

	<p><i>Preparing to the presentation of the topic “The MIS in Decision Making”</i></p> <p>Список рекомендованих джерел <i>Основний: 1 [с.18-21], 2[с. 20-21], 3 [с. 58-62]</i> <i>Додатковий: 1 [с. 23-25], 2 [с. 17-26], 7 [с. 21-29]</i> <i>Інтернет-ресурси: 1, 3, 4, 7, 11, 13</i></p>	
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 7. The Internet</p> <p style="text-align: center;">Lesson 20</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “The Internet” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Phrasal Verbs (2) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Internet Service Providers”</i></p> <p>Список рекомендованих джерел <i>Основний: 1 [с. 48-52], 2 [с. 22-23], 3 [с. 63-64]</i> <i>Додатковий: 1 [с. 23-26], 3 [с. 224-242], 6 [с. 80-87], 8 [с. 50-55]</i> <i>Інтернет-ресурси: 2, 3, 4, 7, 12, 13</i></p>	2
	<p>Topic 7. The Internet</p>	4
<p>To know:</p>	<p>Topic 7. The Internet</p>	2

<p>basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p style="text-align: center;">Lesson 21</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “E-Commerce” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Phrasal Verbs (3) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topics “Product and Service Transactions” / “Auctions”.</i></p> <p>Writing <i>Research and systematization of data on the topic “Information Technology in Business”. Search for information in scientific databases (incl. Scopus and Web of Science).</i></p> <p>Список рекомендованих джерел <i>Основний: 1 [с. 48-52], 2 [с. 22-23], 3 [с. 63-64] Додатковий: 1 [с. 23-26], 3 [с. 224-242], 6 [с. 80-87], 8 [с. 50-55] Інтернет-ресурси: 2, 3, 4, 7, 12, 13</i></p>	6
<p>To know: basic professional concepts and terminology on</p>	<p style="text-align: center;">Topic 8. Electronic Commerce</p> <p style="text-align: center;">Lesson 22</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision</p>	2

<p>relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Reading and discussing the text “Electronic Commerce”</p> <ul style="list-style-type: none"> -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. <p>Speaking Developing skills through a variety of tasks:</p> <ul style="list-style-type: none"> -giving full answers to the questions; -making comparisons; - making dialogs. <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks</p> <ul style="list-style-type: none"> -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic. <p style="text-align: center;">Further work</p> <p>Grammar Review Gerund (1)</p> <ul style="list-style-type: none"> -developing knowledge through a variety of exercises. <p>Speaking <i>Preparing to the presentation of the topic “The Future of E-Commerce”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 53-58], 2 [с. 26-27], 3 [с. 78-85]</i> <i>Додатковий: 1 [с. 40-44], 7 [с. 48-56], 8 [с. 23-24, 56-57]</i> <i>Інтернет-ресурси: 1, 3, 4, 6, 12, 13</i></p>	4
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use</p>	<p style="text-align: center;">Topic 8. Electronic Commerce Lesson 23 In-class activity</p> <p>Starting up Homework revision</p> <p>Reading and discussing the text “Advantages and Disadvantages of E-Commerce”</p> <ul style="list-style-type: none"> -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text. <p>Speaking</p>	2

<p>appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Gerund (2) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Current Trends in E-Commerce”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 53-58], 2 [с. 26-27], 3 [с. 78-85] Додатковий: 1 [с. 40-44], 7 [с. 48-56], 8 [с. 23-24, 56-57] Інтернет-ресурси: 1, 3, 4, 6, 12, 13</i></p>	6
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 9. Multimedia</p> <p style="text-align: center;">Lesson 24</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Multimedia” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the</p>	2

	<p>topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Infinitive (1) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Types of Multimedia”</i></p> <p>Список рекомендованих джерел: Основний: 1 [с. 64-76], 2 [с. 28-29], 3 [с. 86-87] Додатковий: 1 [с. 45-48], 5 [с. 30-31], 6 [с. 60-67] Інтернет-ресурси: 1, 3, 4, 6, 12, 13</p>	6
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 9. Multimedia</p> <p style="text-align: center;">Lesson 25</p> <p style="text-align: center;">In-class activity</p> <p>Starting up Homework revision Reading and discussing the text “Multimedia applications”</p> <p>-reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p style="text-align: center;">Further work</p> <p>Grammar Review Infinitive (2) -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic</i></p>	2
		4

	<p><i>“Application of Multimedia Technologies in the Educational Process”</i></p> <p>Список рекомендованих джерел: <i>Основний: 1 [с. 64-76], 2 [с. 28-29], 3 [с. 86-87]</i> <i>Додатковий: 1 [с. 45-48], 5 [с. 30-31], 6 [с. 60-67]</i> <i>Інтернет-ресурси: 1, 3, 4, 6, 12, 13</i></p>	
<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 10. Cybersecurity</p> <p>Lesson 26</p> <p>In-class activity</p> <p><i>Starting up</i> Homework revision</p> <p><i>Reading and discussing</i> the text “Cybersecurity” -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p><i>Speaking</i> Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p><i>Vocabulary</i> Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p>Further work</p> <p><i>Grammar Review</i> Participle I -developing knowledge through a variety of exercises.</p> <p><i>Speaking</i> <i>Preparing to the presentation of the topic “The Concept of Cybersecurity”</i></p> <p>Список рекомендованих джерел <i>Основний: 1 [с. 58-64], 2 [с. 24-25], 3 [с. 65-67]</i> <i>Додатковий: 1 [с. 28-32], 6 [с. 124-138], 8 [с. 58-59]</i> <i>Інтернет-ресурси: 1, 3, 4, 6, 12, 13</i></p>	<p>2</p> <p>4</p>

<p>To know: basic professional concepts and terminology on relevant topics in English.</p> <p>To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.</p>	<p>Topic 10. Cybersecurity Lesson 27 In-class activity</p> <p>Starting up Homework revision Reading and discussing the text about Viruses, Worms and Trojan Horses. -reading for specific information; -guessing the contextual meaning of the unknown words and expressions from the text; - discussing the general idea / the main problem of the text.</p> <p>Speaking Developing skills through a variety of tasks: -giving full answers to the questions; -making comparisons; - making dialogs.</p> <p>Vocabulary Developing key vocabulary on the topic through a variety of tasks -introduction of new vocabulary to the topic; - exercises for memorizing new words on the topic.</p> <p>Further work</p> <p>Grammar Review Participle II -developing knowledge through a variety of exercises.</p> <p>Speaking <i>Preparing to the presentation of the topic “Anti-Virus Programs”</i></p> <p>Writing <i>Research and systematization of data on the topic “Cybersecurity”. Search for information in scientific databases (incl. Scopus and Web of Science).</i></p> <p>Список рекомендованих джерел <i>Основний: 1 [с. 58-64], 2 [с. 24-25], 3 [с. 65-67] Додатковий: 1 [с. 28-32], 6 [с. 124-138], 8 [с. 58-59] Інтернет-ресурси: 1, 3, 4, 6, 12, 13</i></p>	<p>2</p> <p>6</p>
<p>To know: basic professional concepts and</p>	<p>Topic 10. Cybersecurity Lesson 28 In-class activity</p>	<p>2</p>

terminology on relevant topics in English. To be able: to get necessary information from professional texts; to express own point of view; to use appropriate professional terminology in oral and written communication; to hold a conversation within relevant professional topics.	<p>Starting up Homework revision</p> <p>Review: Information Technology in Business</p> <p>MODULE TEST</p> <p>Список рекомендованих джерел <i>Основний:</i> 1 [с. 58-64], 2 [с. 24-25], 3 [с. 65-67] <i>Додатковий:</i> 1 [с. 28-32], 6 [с. 124-138], 8 [с. 58-59] <i>Інтернет-ресурси:</i> 1, 3, 4, 6, 12, 13</p>	
	<p>Усього:</p> <p>Аудиторна робота</p> <p>Самостійна робота</p>	<p>180</p> <p>60</p> <p>120</p>

*Інтерактивний вид роботи виділено курсивом

3. СПИСОК РЕКОМЕНДОВАНИХ ДЖЕРЕЛ*

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