SYLLABUS – A COURSE DESCRIPTION

I. General information

1. Course name: **Information Technology**
2. Course code: **15-TI-ES-12/22** (Link USOSWeb)
3. Course type (compulsory or optional): **compulsory**
4. Study programme name: **English Studies: Literature and Culture**
5. Cycle of studies (1st or 2nd cycle of studies or full master's programme): **1st cycle**
6. Educational profile (general academic profile or practical profile): **academic**
7. Year of studies (if relevant): **first**
8. Type of classes and number of contact hours (e.g. lectures: 15 hours; practical classes: 30 hours): **30h p classes (15+15)**
9. Number of ECTS credits: **2 (1+1)**
10. Name, surname, academic degree/title, email address of the course lecturer / other teaching staff*: **Kamil Malarski (kamil.malarski@amu.edu.pl).** Group instructors – as per current assignment in USOSWeb.
11. Language of instruction: **English**
12. Online learning - yes (partially / fully) / no : **no**

*please underline course coordinator's name

II. Detailed information

1. Course aim (aims)

1. To acquaint the Students with computer systems working the cloud
2. Practical knowledge of creating, editing and sharing documents in the cloud (documents, spreadsheets, presentation applications, surveys)
3. Understanding the right ethics of collaborative projects in the cloud
4. Learning and implementing the techniques for cyber security while working online.

2. Pre-requisites in terms of knowledge, skills and social competences (if relevant)

none

3. Course learning outcomes (EU) in terms of knowledge, skills and social competences and their reference to study programme learning outcomes:

Course learning outcome symbol (EU)	**On successful completion of the course and validation of its learning outcomes, a student:**	**Reference to study programme learning outcomes**
TI_W01	knows and understands the mechanics behind storing documents in the cloud, how they are edited; knows and understands IoT systems	K_W08, K_W09
TI_W02	knows and understands the measures for assuring cybersecurity (e.g. against hacks or data leaks)	K_W08, K_W09
TI_W03	Knows and understands how IT projects are run and managed	K_W08, K_W09

TI_U01	is able to create, collaborate on, edit, filter and sort documents stored in the cloud	K_U09
TI_U02	is able to edit, mix, normalize etc. various audio files	K_U09
TI_U03	is able to work on projects in methodologies widely used in IT	K_U09
TI_K01	is ready to work safely online in the academic, future-job and everyday-life contexts	K_K03, K_K04

4. Learning content with reference to course learning outcomes (EU)

Course learning content:	**Course learning outcome symbol(s) (EU)**
Computer systems in the cloud (security, IoT, servers, technologies)	TI_W01
Documents in the cloud (providers, working with documents, spreadsheets, presentations, surveys, collaborative work on them)	TI_W01
IT workflows and management	TI_W01
Prototyping mobile applications	TI_W03, TI_U03
Introduction to scripting, writing tags and expressions and simple code (HTML, CSS, R)	TI_W01
Introduction to audio editing	TI_U02

5. Reading list

Lisdorf, Anders. 2021. Cloud Computing Basics: A Non-Technical Introduction. [SI]: Apress.

Staiano, Fabio. 2022. Designing and Prototyping Interfaces with Figma: Learn essential UX/UI design principles by creating interactive prototypes for mobile, tablet, and desktop. Birmingham: Packt Publishing.

Wickham, Hadley and Garrett Grolemund. 2017. R for Data Science: Import, Tidy, Transform, Visualize, and Model Data. Farnham: O'Reilly UK Ltd.

III. Additional information

1. Teaching and learning methods and activities to enable students to achieve the intended course learning outcomes (please indicate the appropriate methods and activities with a tick and/or suggest other methods.)

Teaching and learning methods and activities	**X**
Wykład z prezentacją multimedialną wybranych zagadnień	
Interactive lecture	
Problem-based lecture	
Discussions	
Text-based work	
Case study work	
Problem-based learning	X
Educational simulation / game	
Task-solving learning (e.g.: calculation, programming, tech-related)	X
Experiential work	
Laboratory work	
Scientific inquiry method	
Workshop method	
Project work	X
Demonstration and observation	
Sound and/or video demonstration	X
Creative methods (e.g.: brainstorming, SWOT analysis, decision tree method, snowball technique, concept maps)	
Group work	X
Other – please specify	
…	

2. Assessment methods to test if learning outcomes have been achieved (please indicate with a tick the appropriate methods for each learning outcome (EU) and/or suggest different methods)

Assessment methods	**Course learning outcome symbol**									
	TI_W01	TI_W02	TI_W03	TI_U01	TI_U02	TI_U03	TI_K01			
Written exam										
Oral exam										
Open book exam										
Written test										

Oral test										
Multiple choice test										
Project	X	X	X	X	X	X	X			
Essay										
Report										
Individual presentation										
Practical exam (performance observation)										
Portfolio										
Other (please specify) -										
…										

3. Student workload (ECTS credits)

Activity types		**Mean number of hours spent on each activity type**
Contact hours with the teacher as specified in the study programme		30
Students' self-study*	Preparation for classes	2
	Reading for classes	2
	Essay / report / presentation / demonstration preparation, etc.	16
	Project preparation	10
	Term paper preparation	
	Exam preparation	
	Other (please specify) -	
	…	
TOTAL HOURS		60
Total ECTS credits for the course		2

* please indicate the appropriate activity types and/or propose different activities

4. Assessment criteria in accordance with AMU in Poznan's grading system:

Very good (bdb; 5.0): Excellent knowledge of creating and editing documents in the cloud, spreadsheets, presentations, surveys, graphics editing, creating UX prototypes; excellent ability to collaborate on digital, web and tech projects ; excellent social competences with regard to group work, finding, indicating and preventing possible threats connected with storing data in the cloud, good work ethics.

Good plus (+db; 4.5): 1-2 learning outcomes attained at level slightly below excellent.

Good (db; 4.0): All or nearly all learning outcomes attained at least at a good level

Satisfactory plus (+dst; 3.5): 1-2 learning outcomes attained at a satisfactory level, others - at a good level

Satisfactory (dst; 3.0): All or nearly all learning outcomes attained at a satisfactory level. Overall course pass mark: 60%. Credit requirements … .

Unsatisfactory (ndst; 2.0): Most learning outcomes not attained at a satisfactory level