Detailed Course Syllabus

Academic Year				**Semester**	
Study Program	Undergraduate	**Specialization / Major in**	Engineering, Communication Studies, Sociology, History	**Year of Study**	1-3

I. BASIC COURSE INFORMATION

Name	Contemporary Ethical Issues of AI		
Abbreviation	**RAČIZB2**	**Code**	**280460**
Status		**ECTS**	**4**
Prerequisites	None		
Total Course Workload			
Teaching Mode	**Total Hours**	**Teaching Mode**	**Total Hours**
Lectures	30	Seminars 15	45
Class Time and Place	CUC according to published timetable		

II. TEACHING STAFF

Course Holder

Name and Surname	Odilon-Gbènoukpo Singbo		
Academic Degree	PhD	**Professional Title**	Assistant professor
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Office Hours	According to published timetable	Office	322

Course Collaborator

Name and Surname	Nuno Moniz		
Academic Degree	PhD	**Professional Title**	Associate research professor
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Office Hours	According to published timetable	Office	online

Course Collaborator

Name and Surname	Jasna Ćurković Nimac		
Academic Degree	PhD	**Professional Title**	Full professor
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Office Hours	According to published timetable	Office	205

III. DETAILED COURSE INFORMATION

Teaching Language	English
Course Description	The rapid advancement of AI is undoubtedly reshaping how we perceive humanity across various fields. This course will explore a range of topics related to the ethical implications of AI, with a particular focus on how AI is transforming our understanding of reality, decision-making process, our relation to the collective and individual past, and other complex concepts. One of AI's most significant influences is on decision-making, which necessitates human involvement to ensure greater responsibility and transparency. The course will also examine the interaction between humans and machines, investigating the potential for artificial moral agents.
Expected Educational Outcomes	1. Review the development of AI and it societal impact 2. Apply some ethical theories to AI-related challenges 3. Analyse the influence of AI on collective memory 4. Assess models for the responsible use and application of AI

Textbooks and Materials

Required	- M. Liao, (2020). Ethics of Artificial Intelligence, Oxford, I., II. and III. Chapters - P. Benanti, (2018). Homo Faber: The Techno-Human condition, EDB - Edizioni Dehoniane Bologna. - M. Dubber, F. Pasquale, S. Das, (2021). Oxford Handbook of Ethics of AI, Oxford University Press. - A.Hoskins (ed.), 2018. Digital memory studies, Routledge, New York.
Supplementary	M. Kearns, (2020). The ethical algorithm, Oxford Jr. Michael J. Paulus, Michael D. Langford, (2022). AI, Faith, and the Future: An Interdisciplinary Approach, Pickwick Publications V. Dignum, (2019). Responsible Artificial Intelligence. How to develop and Use AI in a Responsible way, Springer

Examination and Grading

To Be Passed	**Exclusively Continuous Assessment**	**Included in Average Grade**
Prerequisites to Obtain Signature and Take Final Exam	Students are expected to attend lectures, and read required reading in advance and participate in class activities, particularly discussions. Students should be active in pursuing the questions for discussion, searching the internet or using AI tools, exploring ethical issues related to the contents they search.	
Examination Manner	Course activities: Midterm Exam 1 (written essay), Midterm Exam 2 (written essay), Seminar (oral), Final Exam (oral)	
Grading Manner		

Numerical gradation:
Fail (1) – 0 up to 49,9 %
Pass (2) – 50 up to 64,9 %
Lower second (3) – 65 up to 79,9 %
Upper second (4) – 80 up to 89,9 %
First (5) – 90 up to 100 %

Evaluation:
a) **Class activities** – 70 % of the grade
• mid-term exam – 50 %
• seminar presentation – 20 %
b) **Final exam** – 30 %
• final oral exam – 30 %

	ACTIVITY TYPE	ECTS Student Workload Coefficient	GRADE PERCENTAGE (%)
Detailed Overview of Grading within ECTS	Class Attendance	1.2	0
	Seminar Presentation	0.6	20
	Midterm Exam	0.7	25
	Midterm Exam	0.7	25
	Total in Class	**3.2**	**70**
	Final Exam	0.8	30
	TOTAL ECTS (Classes + Final Exam)	**4**	**100**

Midterm Exam Dates	Midterm Exam 1: Midterm Exam 2
Final Exam Dates	According to published timetable

IV. WEEKLY CLASS SCHEDULE

Lectures

Week	Topic
1.	Introduction to the course and students' responsibilities
2.	The history of intelligence: from human to AI
3.	The history of intelligence: historical path of AI
4.	The challenge of technological power – Some theories
5.	Ethical issues – ethics in Natural and Artificial
6.	Consciousness and Freedom
7.	Mid-term exam 1
8.	The challenges of decision-making
9.	Responsible, transparent, valuable research in AI
10.	Anthropological limitations of AI
11.	The ethics of AI in education

12.	Contrasting AI and human memory
13.	AI narratives and collective memory
14.	AI, faith and the future of Christianity
15.	Mid-term exam 2

Seminars	
Week	**Topic**
1.	Discussion on the topic of the lecture
2.	Discussion on the topic of the lecture
3.	Discussion on the topic of the lecture
4.	Discussion on the topic of the lecture
5.	Discussion on the topic of the lecture
6.	Discussion on the topic of the lecture
7.	Mid-term exam 1
8.	Discussion on the topic of the lecture
9.	Discussion on the topic of the lecture
10.	Discussion on the topic of the lecture
11.	Discussion on the topic of the lecture
12.	Discussion on the topic of the lecture
13.	Discussion on the topic of the lecture
14.	Discussion on the topic of the lecture
15.	Mid-term exam 1

Exercises	
Week	**Topic**
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	