Medicinski fakultet u Rijeci

IZVEDBENI NASTAVNI PLAN
2023/2024

Za kolegij

Introduction to E-learning

Studij:	**Medical Studies in English (R)** (izborni)
	Sveučilišni integrirani prijediplomski i diplomski studij
Katedra:	**Katedra za bioinformatiku i razvoj djelatnika i studenata**
Nositelj kolegija:	**doc. dr. sc. Gligora Marković Maja, prof. mat. i inf.**

Godina studija:	**1**
ECTS:	**1.50**
Stimulativni ECTS:	**0.00 (0.00%)**
Strani jezik:	**Mogućnost izvođenja na stranom jeziku**

Podaci o kolegiju:

The course Introduction to E-Learning is an elective in the first year of the Integrated Undergraduate and Graduate Medical Studies, which takes place in the winter semester (first semester) and consists of 25 seminar hours (1.5 ECTS).

The goal of the course is to enable the use of available tools for visual communication and learning (such as Canva, Mind Map, Camtasia, etc. depending on previous experience in working with these tools, it is possible to use some other tools that will become available over time) and to learn tools for maintaining the network of teaching methods (Merlin system, Big Blue Button, Adobe Connect) and their functionality in formal, non-formal and informal learning and to learn about the process of teaching and learning adapted to the digital age and to guide the development of a critical attitude towards the abundance of information available through the network. The content of this course focuses on the application of network technologies and tools (for visual communication and learning) in daily work. In a broader context, it is connected to all other subjects as it complements the learning process through the application of digital technologies.

The content of the course is as follows:
Understanding the process of traditional and e-learning and becoming familiar with the online teaching system Merlin as a formal e-learning platform in the Republic of Croatia, based on the open system Moodle, which is used in many universities in the world.
The system is used to perform tasks related to material acquisition, source search, use of multimedia files, presentation, self-evaluation and assessment of learning.
The content of the course is organized as a process of mastering assignment acceptance, planning, creation, collaboration, active participation, and communication using the tools available on the platform and researching other tools, evaluating and using them, and presenting what is learned. This process includes searching, evaluating, and using scientific information available online, using wiki technology, electronic notebooks, organizers, etc.
Ultimately, it is about mastering digital skills in the areas of learning, communication and mutual collaboration that enable the acceptance of new technologies in creating experts to meet the needs of the digital society.

LEARNING OUTCOMES FOR THE COURSE:
I. COGNITIVE DOMAIN - KNOWLEDGE
1. Compare the advantages and disadvantages of e-learning compared to traditional forms of learning and in the context of digital society.
2. Analyze the possibilities of tools for communication and collaboration in a virtual learning environment.
II. PSYCHOMOTOR DOMAIN - SKILLS
1. Present the use of the selected e-learning tool for the needs of organization and timing in the
learning process and self-assessment of learning success and fulfillment of the learning plan.
2. Present the use of the selected e-learning tool for the purposes of communication with teachers
and fellow students, especially in teamwork and joint project tasks.
3. Apply new learning skills using e-learning tools.

The list of seminars:
Seminar 1 - Seminar 5: Introduction to e-learning and application of digital technologies in learning and teaching.
Learning Outcomes: Compare the advantages and disadvantages of e-learning compared to traditional forms of learning and in the context of a digital society.

Seminar 6 -Seminar 10: Systems for e-learning.
Learning Outcomes: Compare the advantages and disadvantages of e-learning systems.

Seminar 11. - Seminar 15.: E-Tools
Learning Outcomes: Analyze the capabilities of tools for communication and collaboration in a virtual learning environment.

Seminar 16 - Seminar 20: E-tools for organization and time management in the study process.
Learning Outcome: Present the use of the selected e-learning tool for the needs of organization and scheduling in the study process and self-assessment of learning success and fulfillment of the learning plan.

Seminar 21 - Seminar 23: E-tools for the needs of communication with teachers and fellow students.
Learning Outcome: To present the use of the selected e-learning tool for the purposes of communication with teachers and fellow students, especially in teamwork and joint project tasks.

Seminar 24 and Seminar 25: Presentation of the use of the selected e-learning tool for learning purposes.
Learning Outcome: Application of new learning skills using the selected e-learning tool.

Popis obvezne ispitne literature:

Bates, A.W. (2019). Teaching in a Digital Age – Second Edition. Vancouver, B.C.: Tony Bates Associates Ltd. Retrieved from https://pressbooks.bccampus.ca/teachinginadigitalagev2/

Popis dopunske literature:

Nastavni plan:

Seminari popis (s naslovima i pojašnjenjem):

S1-S5 Uvod u e-učenje i primjena digitalne tehnologije u učenju i poučavanju

Ishodi učenja: Usporediti prednosti i nedostatke e-učenja u usporedbi s klasičnim oblicima učenja, a u kontekstu digitalnog društva.

S6-S10 Sustavi za e-učenje

Ishodi učenja: Usporediti prednosti i nedostatke sustava za e-učenje.

S11-S15 E-alati

Ishodi učenja: Analizirati mogućnosti alata za komunikaciju i suradnju u virtualnom okruženju za učenje.

S16-S20 E-alati za organizaciju i planiranje vremena u procesu studiranja

Ishodi učenja: Prezentirati uporabu odabranog alata e-učenja za potrebe organizacije i planiranja vremena u procesu studiranja i samoprocjene uspješnosti učenja i ispunjavanja plana učenja.

S21-S23 E-alati za potrebe komunikacije s nastavnicima i s kolegama studentima

Ishodi učenja: Prezentirati uporabu odabranog alata e-učenja za potrebe komunikacije s nastavnicima i s kolegama studentima, napose u timskom radu i zajedničkim projektnim zadatcima.

S24-S25 Prezentiranje uporabe odabranog e-alata u svrhu učenja

Ishodi učenja: Primijeniti nove vještine učenja primjenom odabranog alata e-učenja

Obveze studenata:

During online classes, students are required to regularly attend online lectures (webinars, video lectures), use interactive teaching materials, actively participate in the use of online tests for self-monitoring and/or verification of acquired knowledge, actively participate in guided discussions, complete set tasks either independently or in teams, prepare the final project presentation, which involves the use of the selected e-learning tool for the purpose of learning content from the scientific field they attended and which also constitutes the final exam.

Ispit (način polaganja ispita, opis pisanog/usmenog/praktičnog dijela ispita, način bodovanja, kriterij ocjenjivanja):

ECTS credit rating system:
Evaluation of students is carried out according to the valid Rulebook on studies of the University of Rijeka, and according to the Rulebook on evaluation of students at the Faculty of Medicine at the University of Rijeka (adopted by the Faculty Council of the Faculty of Medicine in Rijeka).

The students' work will be evaluated and evaluated during the course and in the final exam. Out of a total of 100 points, a student can get 70 points during classes, and 30 points in the final exam.
I. During the class, the following are assessed (maximum 70 points):
The evaluation of the student's work will be carried out continuously (formative and summative evaluation) in such a way that the activities during classes will be evaluated, such as following online lectures (synchronously and asynchronously), the use of interactive teaching materials, the activity of applying online tests for self-checking and/or checking the acquired knowledge. knowledge, activity in guided discussions, creation of set tasks, either independently or in a team, in the evaluation of which other participants can also be included (peer evaluation).
II. Final exam (up to 30 points)
The final exam consists of the presentation of the final project, which includes the application of the selected e-learning tool for the purpose of learning content from the scientific field of study that the students are attending, and a maximum of 30 evaluation points can be achieved. The student has passed if he has achieved at least 15 grade points on the final exam.
Who can take the final exam:
A student who has collected at least 35 grade points during classes can take the final exam.

Who cannot take the final exam:
Students who obtained 0 to 34.9 points during the class cannot take the final exam. Such a student is unsuccessful (1) F and cannot take the final exam.

The final grade is the sum of the ECTS grade obtained during the course and the final exam:
Final grade
A (90-100%) excellent (5)
B (75-89.9%) very-good (4)
C (60-74.9%) good (3)
D (50-59.9%) sufficient (2)
F (students who obtained less than 34.9 points during classes or did not pass the final exam) insufficient (1)

Ostale napomene (vezane uz kolegij) važne za studente:

Course content, all course information, and communication channels are available in the Merlin e-learning system for the current academic year.
Students can also contact the instructors by e-mail, namely Prof. Lidija Bilić-Zulle at lidija.bilic.zulle@medri.uniri.hr and Maja Gligora Marković at majagm@medri.uniri.hr.
Online consultations are offered during the course.

SATNICA IZVOĐENJA NASTAVE 2023/2024
Introduction to E-learning

Seminari (mjesto i vrijeme / grupa)

Popis predavanja, seminara i vježbi:

SEMINARI (TEMA)	Broj sati	Mjesto održavanja
S1-S5 Uvod u e-učenje i primjena digitalne tehnologije u učenju i poučavanju	5	
S6-S10 Sustavi za e-učenje	5	
S11-S15 E-alati	5	
S16-S20 E-alati za organizaciju i planiranje vremena u procesu studiranja	5	
S21-S23 E-alati za potrebe komunikacije s nastavnicima i s kolegama studentima	3	

S24-S25 Prezentiranje uporabe odabranog e-alata u svrhu učenja	2	

ISPITNI TERMINI (završni ispit):