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| | UČNI NAČRT PREDMETA/COURSE SYLLABUS |
| Predmet | Informacijski sistemi v zdravstvu |
| Course title | <i>Information Systems in Health Care</i> |

| Študijski program in stopnja Study programme and level | Študijska smer Study field | Letnik Academic year | Semester Semester |
|---|---|---------------------------------------|------------------------------------|
| Vzgoja in menedžment v zdravstvu/2. stopnja | Ni smeri študija | 2. letnik | 3. |
| <i>Education and Management in Health Care / 2nd Cycle</i> | No study field | 2 nd year | 3 rd |

Vrsta predmeta/Course type

modularni / module

Univerzitetna koda predmeta/University course code

VMZ2 M4 UN1

| Predavanja Lectures | Seminar Seminar | Sem. vaje Tutorial | Lab. vaje Laboratory work | Teren. vaje Field work | Samost. delo Individ. work | ECTS |
|--------------------------------------|----------------------------------|-------------------------------------|--|---|---|-------------|
| 30 | | 30 | | | 180 | 8 |

Nosilec predmeta/Lecturer:

izr. prof. dr. Ivan Gerlič

Jeziki/ Predavanja/Lectures:
Languages:

slovenski/Slovenian

Vaje/Tutorial:

slovenski/Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Prerequisites:

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| <ul style="list-style-type: none"> • Vpis v drugi letnik študijskega programa. • Študent mora pred izpitom pripraviti in predstaviti ter zagovarjati projektno/raziskovalno nalogo. | <ul style="list-style-type: none"> • A prerequisite for inclusion is enrolment in the second year of study. • Student has to prepare, present and defend a project/research paper before the exam. |
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Vsebina:

Content (Syllabus outline):

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| <ul style="list-style-type: none"> • Informacijski sistemi in informacijski sistemi v zdravstvu. • Razvoj informatike in uporaba informacijske tehnologije v zdravstvu. • Standardizirana terminologija in podatkovni standardi v zdravstvu. • Uporaba informacijske tehnologije pri izobraževanju zdravstvenih delavcev in bolnikov. • Internet in iskanje informacij, zdravstvo na daljavo. | <ul style="list-style-type: none"> • Information systems and information systems in health care. • The development of informatics and the use of information technology in health care. • Standardized terminology and data standards in health care. • The use of information technology in the education of health professionals and patients. |
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| <ul style="list-style-type: none"> • Načrtovanje in modeliranje informacijskih sistemov. • Testiranje in ocenjevanje uporabnosti informacijskih sistemov v zdravstvu. • Uvajanje informacijskih sistemov v klinično okolje. • Načrtovanje in modeliranje informacijskega sistema za podporo procesom v zdravstvu. • Uporaba informacijske tehnologije pri izobraževanju. | <ul style="list-style-type: none"> • The Internet and searching for information, health care at a distance. • Designing and modelling of information systems. • Testing and assessing the usefulness of information systems in health care. • Introducing information systems into the clinical environment. • Planning and modelling the information system to support the processes in health care. • The use of information technology in education. |
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Temeljna literatura in viri/Readings:

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| <ul style="list-style-type: none"> • Burke, L., Weill, B. (2009). Information technology for the health professions, 3rd ed. Upper Saddle River: Prentice Hall. • Gradišar, M., Resinovič, G. (1998). Informatika v organizaciji. Skripta. Kranj: Moderna organizacija. • Hebda, T. et al. (2004). Handbook of informatics for nurses and health care professionals. 3rd ed. Upper Saddle River: Prentice Hall. • Saba, V. K., McCormick, K. A. (2006). Essentials of nursing informatics. 4th ed. New York [etc.]: McGraw-Hill. |
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Cilji in kompetence:

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| <p><i>Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc:</i></p> <ul style="list-style-type: none"> • poznavanje temeljnih spoznanj, razvoja in definicij v informatiki na splošno in povezava s področja informatike v zdravstvu, • poznavanje pomembnosti informacije, informacijskih sistemov in informacijske tehnologije v zdravstvu, • razumevanje pomembnosti vloge zdravstvenih delavcev pri razvoju zdravstvenih informacijskih sistemov, • uporaba teorij razvoja zdravstvenih informacijskih sistemov v praksi. | <h4>Objectives and competences:</h4> <p><i>The learning unit mainly contributes to the development of the following general and specific competences:</i></p> <ul style="list-style-type: none"> • knowledge of fundamental findings, development and definitions in informatics in general and the link with the informatics in health care, • knowledge of the importance of a piece of information, information systems and information technology in health care, • understanding the importance of the health professionals' role in the development of health information systems, • application of the health information systems development theories in practice. |
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Predvideni študijski rezultati:

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| <i>Študent/študentka:</i> | <i>Students:</i> |
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| <ul style="list-style-type: none"> lahko aktivno sodeluje pri razvoju informacijskih sistemov v zdravstvu. | <ul style="list-style-type: none"> can actively participate in the development of information systems in health care. |
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Metode poučevanja in učenja:

Learning and teaching methods:

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| <ul style="list-style-type: none"> <i>predavanja</i> z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov), <i>seminarske vaje</i>: priprava, predstavitev in uspešen zagovor projektne/raziskovalne naloge, <i>konzultacije</i>. | <ul style="list-style-type: none"> <i>lectures</i> with active student participation (explanation, discussion, questions, examples, problem solving); <i>tutorial</i>: preparation, presentation and a successful defence of a project/research paper, <i>consultations</i>. |
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Načini ocenjevanja:

Delež (v %)

Weight (in %)

Assessment:

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| <p>Načini:</p> <ul style="list-style-type: none"> 100 % udeležba na predavanjih in vajah: priprava, predstavitev in zagovor projektne/raziskovalne naloge – 100 % ocene; če študent ni 100 % udeležen na predavanjih in vajah: <ul style="list-style-type: none"> izpit – 60 % ocene, priprava, predstavitev in zagovor projektne/raziskovalne naloge – 40 % ocene. <p>Ocenjevalna lestvica: ECTS.</p> | <p>100 %</p> <p>ali / or</p> <p>60 %</p> <p>40 %</p> | <p>Types:</p> <ul style="list-style-type: none"> 100 % attendance at lectures and tutorials: preparation, presentation and defence of project/research paper – 100 % of the grade; if the students' attendance at lectures and tutorials is not 100%: <ul style="list-style-type: none"> exam - 60% of the grade, preparation, presentation and defense of the project/research paper – 40% of the grade. <p>Grading scheme: ECTS.</p> |
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