UČNI NAČRT PREDMETA / COURSE SYLLABUS	
Predmet:	Družba in tehnologija
Course title:	Society and Technology

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Informatika v sodobni družbi, visokošolski strokovni študijski program prve stopnje	/	Prvi	Prvi
Informatics in Contemporary Society the first cycle Professional Study Programme	/	First	First

Vrsta predmeta / Course type　　　　　Obvezni / Obligatory

Univerzitetna koda predmeta / University course code:　1-ISD-VS-DT-2015-06-21

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
30	0	45	0	0	75	5

Nosilec predmeta / Lecturer:

Jeziki / **Languages:**	**Predavanja /** **Lectures:**	Slovensko, angleško / Slovenian, English
	Vaje / Tutorial:	Slovensko, angleško / Slovenian, English

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	**Prerequisits:**
Uvodni predmet. Ni dodatnih pogojev.	Introductionary course. No additional conditions.

Vsebina:	**Content (Syllabus outline):**
Predmet obravnava kompleksna medsebojna razmerja med družbo in tehnologijo. S perspektive sociološke teorije se ukvarja z vprašanji tako intenzitete kot smeri determinizma med družbenimi, kulturnimi, ekonomski in političnimi vidiki na eni strani ter tehnološkimi vidiki na drugi strani. Namesto osredotočanja samo na informacijsko družbo nudi širši sociološki pregled o tem, kako družba in tehnologija vplivata druga na drugo na različnih področjih in skozi različna	The course deals with the complex interrelationship between society and technology. From the perspective of social theory it addresses the issues both of intensity and direction of determinism between social, cultural, economic and political aspects on the one hand and technological aspects on the other hand. Instead of focusing on the information society only, it provides a broader sociological overview of how society and technology have influenced each other in various fields and through

zgodovinska obdobja ali stopnje družbene evolucije. Namesto pretirano poenostavljenih in enostranskih pristopov poudarja kompleksnost socio-tehničnih razmerij, izpostavlja odprte dileme in k vprašanjem dosledno pristopa z vidika različnih socioloških teorij. Čeprav je tematika predmeta večinoma organizirana v smislu tematskih področij in zgodovinskega razvoja, so je jasno povezuje z relevantnimi družbenimi teorijami od socioloških klasikov (Karl Marx, Emile Durkheim, Max Weber) do pogledov Walterja Benjamina, Michela Foucaulta, Norberta Eliasa, Marshala McLuhana, frankfurtske šole, feminizma, urbanizma, družbene konstrukcije tehnologije, postmodernizma, aktersko-omrežne teorije, posthumanizma itd. kot tudi s kritičnimi refleksijami nanje.

Kratek oris predmeta vključuje naslednje:
- Družba in tehnologija: opredelitve ključnih konceptov in njihovih medsebojnih razmerij
- Ekonomski vidiki – tehnologije produkcije: od neolitske revolucije do industrijske revolucije in njenih postindustrijskih premikov
- Politični vidiki – tehnologije moči: glavni premiki v vojskovanju, nadzorovanju, kaznovanju, biopolitiki (plemena, mestne države, imperiji, nacionalne države, kolonializem, globalizacija)
- Sociokulturni vidiki: tehnologije prostora (zgradbe, arhitektura, javna infrastruktura, transport, okolje) in tehnologije komunikacije (pisava, tisk, množični mediji, svetovni splet)
- Humanistični in posthumanistični vidiki: tehnologije človeških osebnosti in organizmov (osebni pripomočki in naprave, biotehnologija, implantati itd.)
- Sklepne refleksije in dileme

different historical periods or stages of societal evolution. Instead of simplistic and one-sided approaches the course emphasises the complexity of social-technological relations, puts forward the open dilemmas and consistently approaches the issues from the perspective of various sociological theories. Though the course topics are mostly organised in terms of thematic fields and historical developments, they are clearly linked to the relevant social theories from the sociological classics (Karl Marx, Emile Durkheim, Max Weber) to the perspectives of Walter Benjamin, Michel Foucault, Norbert Elias, Marshal McLuhan, Frankfurt School, feminism, urban studies, social construction of technology, postmodernism, actor-network theory, posthumanism, etc. as well as critical reflections on them.

The brief outline of the course includes:
- Society and technology: definition of key concepts and their interrelations
- Economic aspects – technologies of production: from Neolithic Revolution to Industrial Revolution and its post-industrial shifts
- Political aspects – technologies of power: major shifts in warfare, control, punishment, biopolitics (tribes, city-states, empires, nation states, colonialism, globalisation)
- Socio-cultural aspects: technologies of space (buildings, architecture, public infrastructure, transport, environment) and technologies of communication (writing, press, mass media, www)
- Humanist and Post-humanist aspects: technologies of human personalities and organisms (personal gadgets and devices, biotechnology, implants etc.)
- Concluding reflections and dilemmas

Temeljni literatura in viri / Readings:

Izbrana poglavja iz:

- Haralambos, Michael; Holborn, Martin (2005): Sociologija: Teme in pogledi. Ljubljana: DZS.
- Matthewman, Steve (2011): Technology and Social Theory. New York: Palgrave Macmillan.
- Oosterlaken, Ilse (2015): Technology and Human Development. New York: Routledge.
- Zajc, Melita (2000): Tehnologije in družbe. Ljubljana : ISH Fakulteta za podiplomski humanistični študij.

Cilji in kompetence:

Učna enota prispeva k razvoju naslednjih splošnih in predmetno-specifičnih kompetenc:

- poznavanje in razumevanje družbenih procesov ter sposobnost za njihovo analizo, sintezo in predvidevanje rešitev in njihovih posledic
- poznavanje in razumevanje širokega nabora aplikacij informacijsko komunikacijske tehnologije v sodobni družbi
- razvoj (samo)kritične presoje
- razvoj veščin in spretnosti pri uporabi znanja na področju družbenih ved s pomočjo reševanja teoretičnih ali empiričnih problemov
- sposobnost pridobivanja, selekcije, ocenjevanja in umeščanja novih informacij in zmožnost interpretacije v kontekstu družboslovja
- razumevanje in uporaba metod kritične analize in njihova uporaba v reševanju konkretnih družbenih in delovnih problemov
- poznavanje in razumevanje temeljnih družboslovnih disciplin in sicer s področja sociologije, politologije, komunikologije, ekonomije in menedžmenta, družboslovne informatike, družboslovne statistike in metodologije
- sposobnost interdisciplinarnega pristopa, ki se kaže kot razumevanje splošne strukture družbenih ved ter povezanosti med njenimi posameznimi disciplinami in pod-disciplinami

Objectives and competences:

The instructional unit contributes to the development of the following general and subject-specific competences:

- familiarity with and understanding of social processes and competence for their analysis, synthesis and prediction of solutions as well as consequences thereof
- knowledge and understanding of a wide range of applications of information communication technology in the modern society
- development of (self)critical judgement
- development of skills for the usage of knowledge in the social sciences with the help aid of solving theoretical or empirical problems
- the ability to acquire, select, evaluate and place new information and the ability to interpret within the context of social sciences
- understanding and use of methods of critical analysis and their use in the solving of actual social and work problems
- knowledge and understanding of basic social sciences, specifically, sociology, political science, communication science, economy and management, social informatics, law, social science statistics and methodology
- ability for an interdisciplinary approach, shown as an understanding of general structure of social sciences and interconnections between its individual scientific

• razumevanje odnosov med posamezniki, organizacijami in družbenim okoljem, zmožnost za kompleksno sistemsko gledanje in delovanje	disciplines and sub disciplines • understanding of relationships between individuals, institutions and the social environment, the ability to perceive and function at a complex, systemic level

Predvideni študijski rezultati:

Znanje in razumevanje:
Študent mora:

- Razumeti koncepte družbe in tehnologije ter njune medsebojne odnose
- Razumeti in reflektirati odnos med tehnološko in družbeno spremembo ter njuno (cirkularno) kavzalnost
- Razumeti odnos med ekonomijo in tehnologijo na podlagi sociološke teorije
- Razumeti odnos med političnimi in tehnološkimi vidiki na podlagi sociološke teorije
- Razumeti odnos med skupnostjo in kulturo ter tehnologijo na podlagi sociološke teorije
- Razumeti odnos med tehnologijo in ljudmi kot organizmi in osebnostmi na podlagi sociološke teorije

Intended learning outcomes:

Knowledge and understanding:
The student should:

- Understand the concepts of society and technology and their interrelations
- Understand and reflect on the relation between technological and social change and their (circular) causality
- Understand the relationship between economy and technology based on sociological theory
- Understand the relationship between political and technological aspects based on sociological theory
- Understand the relationship of community and culture with technology based on sociological theory
- Understand the relationship between technology and humans as organisms and personalities based on sociological theory

Metode poučevanja in učenja:

- predavanja in vaje na podlagi intenzivnih refleksij in diskusij v skupini in manjših skupinah študentov
- individualni študij literature in posameznih primerov
- ustne prezentacije ugotovitev in refleksij posameznih študentov s kritičnimi odzivi drugih študentov
- preučevanje primerov, ki ponazarjajo teorijo v skupinah in individualno: samostojno in/ali s pomočjo učitelja in/ali asistenta

Learning and teaching methods:

- lectures and tutorisals based on intensive reflections and discussions within the group and smaller groups of students
- Individual study of literature and particular cases
- oral presentations of findings and reflections by individual students with critical responses by other students
- exploring the examples illustrating the theory in groups and individually: independently and/or assisted by the teacher and/or teaching assistant

Načini ocenjevanja:	Delež (v %) / Weight (in %)	Assessment:
Način (pisni izpit, ustno izpraševanje, naloge, projekt):		Type (examination, oral, coursework, project):
• sprotno projektno delo	50	• project based coursework
• ustni ali pisni izpit	50	• oral or written examination