Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
CO-E 682	Digital media management	2	3	0	0	3	6

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	As being a popular topic in integrated marketing communications management in recent years, usability can be defined as "the extent to which a product can be used by specified users to achieve specified goals with effectiveness, efficiency, and satisfaction in a specified context of use". Recent studies show that the average business metrics improvement – ROI- after a usability redesign is 83%. In this context, it is crucial for the digital media professionals to acquire an extensive knowledge /skill set in order to manage user-research integrated design and development processes. This course aims to provoke the awareness on relevant themes and to provide knowledge and skills to analyze a user interface with solid guidelines.
Content	1. Week: Introduction 2. Week: Key Concepts ¦ A Historical Overview: o Human-Computer Interaction (HCI) o Graphical User Interface (GUI) o Natural User Interface (NUI) ¦ Usability o Why does usability matter? o An overview on e-commerce ecosystem through the usability perspective o How do we measure usability? ¦ User Experience (UX) o UX as a phenomenon ? User Diversity vs. Technological Diversity ? UX in the New Cross-Channel World ? UX in the New Multi-Screen world ? Good UX: Context/Convenience vs. Taste/Appeal o Ux as part of organizations ? Organizational challenges ? Organizational goals o UX as a profession ? New Roles and Responsibilities ¦ UX as a process o Evolution of Design Processes: Waterfall vs. Agile vs. Lean UX o A New UX Centered Design and Development Process based on Iterative Workflow 3. Week: Universal Usability: Key Concepts, Guidelines, Standarts ¦ Web for All? o User Diversity o Technological Diversity

¦ Strategies for Universal Usability
o Web Accessibility and Assistive Technologies
o Universal Design

4. Week:
Culturalization and "Global Digital Media"
¦ Internationalization
¦ Localization
¦ Parameters to design "Global Digital Media"
¦ Case Studies

5. Week:
Investigating User Interface Design through Usability: Patterns and Guidelines
¦ Information Architecture
o Organizing Information
o Presenting the Information Architecture
o Search Engine Optimization (SEO)

Studio Session: UI Analysis

6. Week:
Investigating User Interface Design through Usability: Patterns and Guidelines
¦ Page Structure and Design for Desktop Environments

Studio Session: UI Analysis

7. Week:
Investigating User Interface Design through Usability: Patterns and Guidelines
¦ Page Structure and Design for Mobile Environments

Studio Session: UI Analysis

8. Week:
Investigating User Interface Design through Usability: Patterns and Guidelines
¦ Use of Typography, Graphics and Multimedia in UI Design

Studio Session: UI Analysis

9. Week:
Investigating User Interface Design through Usability: Patterns and Guidelines
¦ Form Design

Studio Session: UI Analysis

10. – 14. Week: Presentation of the Case Analysis

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Theory Topics

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