# Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
CO-E 682	Digital media management	1	3	0	0	3	6

Prerequisites	
Admission Requirements	

Admission Requirements	
Language of Instruction	Turkish
Course Type	Compulsory
Course Level	
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: Rey Concepts   A Historical Overview: 0 Human-Computer Interaction (HCI) 0 Graphical User Interface (GUI) 0 Natural User Interface (NUI)   Usability 0 Why does usability matter? 0 An overview on e-commerce ecosystem through the usability perspective 0 How do we measure usability?   User Experience (UX) 0 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 0 Ux as part of organizations ? Organizational challenges ? Organizational challenges ? Organizational Responsibilities   UX as a profession ? New Roles and Responsibilities   UX as a process 0 Evolution of Design Processes: Waterfall vs. Agile vs. Lean UX 0 A New UX Centered Design and Development Process based on Iterative Workflow  3. Week: Universal Usability: Key Concepts, Guidelines, Standarts   Web for All? 0 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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8 User Research

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## **Theory Topics**

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