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HUMAN-CENTERED TECHNOLOGY DESIGN

PRICE: \$2,235

COURSE DESCRIPTION:

This course is tailored for designers, product managers, and technologists eager to develop technology solutions that prioritize user needs and experiences. In an era dominated by technology, adopting a human-centered approach ensures that products not only solve problems but also enhance daily life and are accessible to all users. Participants will delve into the principles of human-centered design, mastering techniques for user research, empathy development, prototyping, testing, and ensuring accessibility and inclusivity in technology solutions.

WEEK 1: PRINCIPLES OF HUMAN-CENTERED DESIGN

- Introduction to human-centered design principles
- Understanding human needs, behaviors, and experiences
- Case studies and examples of successful human-centered design projects

WEEK 2: RESEARCH AND EMPATHY

- Techniques for conducting user research
- Developing empathy with users
- Persona development and user journey mapping

WEEK 3: PROTOTYPING AND TESTING

- Introduction to prototyping tools and techniques
- Conducting usability testing with users
- Iterative design processes and incorporating user feedback

WEEK 4: ACCESSIBILITY AND INCLUSIVITY

- Understanding accessibility guidelines and standards
- Designing for diverse user groups
- Addressing inclusivity in technology solutions



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WEEK 5: PROJECT WORK AND PRESENTATIONS

- Applying course concepts to a real-world project
- Group project work and peer feedback
- Final presentations of technology solutions with emphasis on human-centered design principles

ASSESSMENT:

- Participation in class discussions and activities
- Completion of assigned readings and project tasks
- Final project presentation and submission