I. COURSE CHANGES

ADD NEW SUBJECT CODE AND COURSE

(AI) Artificial Intelligence

AI 501 Exploring the World of AI (3) Detailed study of concepts, techniques, and applications of Artificial Intelligence (AI) relevant for all disciplines – especially across non-computer science fields. Explores the history and current scope of AI, data sources and procedures for attaining and working with data, and fundamental components of AI solutions. Special attention will be placed on the strengths and weaknesses of the methods as well as on identifying bias, social impacts, and other ethical considerations of AI. Students will investigate state-of-the-art AI used within their fields of research. Introduces students to AI-relevant programming through hands-on coding projects.

Credit Restriction: students cannot receive credit for both AI 401 and AI 501.

Rationale: The instructor believes offering a graduate level course in interdisciplinary AI will allow graduate students to discover how AI is being used in their own fields of research and facilitate them using these powerful tools to further their research goals. Impact on Other Units: None. Financial Impact: None.

Two undergraduate courses are also coming forward for approval: AI 101 and AI 401.

Proposal submitted by Interim Vice Provost for Academic Affairs, Dr. Ozlem Kilic.