**ADD COURSE**

**AI 101 Introduction to the World of AI (3)** Introduction to foundational 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 tools, 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 gain experience through hands-on activities using no-code AI platforms.

Prerequisite(s): None.
Corequisite(s): None.

Rationale: AI is an emerging technology that is becoming ubiquitous in all aspects of modern life. Given AI’s prevalence across all domains, it is beneficial for all students, regardless of focus of study and level of technical proficiency, to develop an understanding of AI and put this knowledge in the context of real-world applications within their areas of expertise. This course is intended to fill this need by providing a foundational understanding of AI to students across UTK’s campus, in a non-technical context. UTK is launching a new college to enable campus-wide course offerings on convergent topics such as this course. This is the first course developed for the new AI Tennessee Initiative, led by Dr. Lynne Parker, to assist students in developing a working knowledge of AI in an interdisciplinary setting. Impact on Other Units: None. Financial Impact: None.

**ADD COURSE**

**AI 401 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. Introduces students to AI-relevant programming through hands-on coding projects. This is an undergraduate and graduate course (AI 501) taught concurrently, where graduate students will have additional requirements and assignments.

Prerequisite(s): None.
Corequisite(s): None.

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

Rationale: This course has similar designs and goals as AI 101 but provides an opportunity for students with familiarity with technical tools to have a more involved experience in creating and appreciating AI systems. This class hopes to attract more ambitious or higher-level students who want to learn how to code and create their own AI applications. Impact on Other Units: None. Financial Impact: None.