Built by Bama
General Education

PATHWAYS

Pathway 4: Digital Literacy
Definitions, Course Eligibility Requirements, Student Learning Objectives

Definition:

The Pathway in Digital Literacy and Practice Pathway is designed to cultivate informed, ethical, and skilled digital citizens who can navigate the evolving technological ecosystems of the modern work place and of global society. This pathway emphasizes both the theoretical and practical dimensions of digital literacy, enabling students to become proficient in navigating and using digital tools while understanding their broader ethical implications.

Course Eligibility Requirements (A course must fulfill three of the following requirements)**:**

1. Include activities or assignments that encourage students to critically assess digital content in terms of credibility, accuracy, relevance, value, or cultural impact.
2. Explore the ethical and social implications of using digital tools and methods in a specific field of study.
3. Include assignments or activities that focus on the creation of digital content that is socially, ethically, economically, and culturally informed, emphasizing responsible communication and the potential impacts of digital content on audiences. This can include considerations of data privacy, misinformation, cultural sensitivity, the revolution in artificial intelligence, and ethical storytelling.
4. Explore ethical considerations in the design of accessible digital content (e.g., adherence to WCAG standards or understanding TEI).[1]
5. Demonstrate hands-on engagement with digital tools, platforms, or technologies relevant to the course's subject matter.
6. Include at least one project-based assignment or activity that uses digital tools to produce scholarly, practical, or creative outcomes.
7. Provide opportunities for students to work in collaborative teams using digital tools (e.g., project management platforms like Microsoft Teams, Google Workspace, Jira, or Slack, or collaborative writing tools like Etherpad, Notion, and Google Docs).

[1] WCAG = Web Content Accessibility Guidelines; TEI = Text Encoding Initiative.

8. Engage with emerging digital technologies (e.g., AI, machine learning, IoT) and their potential applications within a specific field of study.
9. Include activities or projects that require students to use digital tools to analyze data, model solutions, or simulate scenarios to support strategic decision-making.

Student Learning Objectives (Students will meet three of the following learning objectives):

1. Critically assess the credibility, accuracy, and relevance of sources derived from digital research.
2. Demonstrate informed, ethical, digitally-based research leading to scholarly, practical, or creative outcomes.
3. Create digital content that is socially, ethically, and culturally informed.
4. Identify, select, or evaluate digital tools relevant to a specific field of study, demonstrating an understanding of tools' capabilities, limitations, privacy considerations, and appropriate applications.
5. Show understanding of the intellectual issues associated with the use of artificial intelligence. For example, this could include understanding large language modelling, how to write a prompt, issues connected to AI and accessibility, and questions associated with intellectual property.
6. Show mastery of practical skills in using digital tools specific to the needs of a particular field or course. In addition to tools used in the sciences and engineering, this can include AI-powered technologies, databases, digital archives, social media, and applications associated with digital scholarship.
7. Use digital tools and platforms to effectively communicate a specific idea, argument, problem, or phenomenon.
8. Understand and design accessible digital content. This should include an understanding of Web Content Accessibility (WCAG) standards and/or the Text Encoding Initiative (TEI).
9. Utilize digital tools and platforms to enhance team collaboration, ensure effective communication, and manage projects efficiently.
10. Explore and apply emerging digital technologies (e.g., artificial intelligence, machine learning, IoT) to innovate solutions to real-world challenges.