

GENERATIVE AI ENTREPRENEURSHIP PROGRAM - CERTIFICATE OF ACHIEVEMENT

The Generative AI Entrepreneurship Program Certificate is a two-semester program designed to welcome students with no prior technical background into the rapidly evolving field of AI-driven innovation. Through engaging, hands-on coursework, participants explore core AI and generative AI concepts, while also learning to design, develop, and deploy applications across full-stack environments. Emphasizing ethical and entrepreneurial practices, the program fosters critical problem-solving skills, collaborative teamwork, and responsible decision-making. Students gain proficiency in using no-code and low-code platforms, integrating cloud computing services, and leveraging prompt engineering to build cutting-edge AI solutions. They learn how to create viable market strategies, conduct product ideation, and pitch ideas to stakeholders, preparing them for careers at the intersection of technology and innovation. Upon successful completion, graduates are equipped with the technical expertise, professional soft skills, and adaptive mindset necessary to thrive in the dynamic landscape of AI entrepreneurship. Students must complete each course with a "C" grade or better to be awarded the certificate.

Program Learning Outcomes

- Apply entrepreneurial, ethical, and collaborative practices in complex problem-solving to ensure responsible and market-viable AI solutions.
- Integrate frontend, backend, and cloud services using version control and testing methods to create scalable, secure, and responsive applications.
- Evaluate fundamental concepts of generative AI through an ethical, legal, and cultural lens to propose responsible real-world applications.
- Develop AI-driven solutions by utilizing no-code, low-code, and coding platforms, applying prompt engineering and industry best practices.

Course	Title	Units
AI 101	Generative AI Foundations	3
AI 102	Generative AI Software Foundations	3
AI 103	Prompt Engineering	3
AI 104	Cloud Foundations for Generative AI	3
AI 105	Generative AI Frontend Development	3
AI 106	Generative AI Backend Development	3
AI 110	Generative AI Entrepreneurship Capstone	3
BUS 009	Introduction to Entrepreneurship	3
Total Units		24