



# Generative AI *Pathway Program*

Build a robust AI programming foundation and specialize in generative AI to create cutting-edge, AI-driven content and innovations.

🕒 144 Total Clock Hours

📄 2 Obtainable Certificates

🚀 Start Today



## What you will learn

# This is what you will experience in the Pathway

The pathway includes 2 instructor-led classes for you to learn technical skills and applicable examples to prepare you for technical certifications and training towards Generative AI.



Taught by Industry Veterans & World Class Instructors

## Potential Career Options

AI Strategist AI DevOps Engineer

AI Research Scientist Applied Data Scientist

Solutions Architect AI Strategist

## Introduction to the Generative AI Pathway

### Overview

This program is designed for individuals looking to build a strong foundation in artificial intelligence programming and advance their skills specifically in generative AI. By combining comprehensive programming language instruction with specialized generative AI coursework, this program is ideal for those aiming to enter the rapidly evolving world of AI-driven content creation and innovation.

Through this program, students will gain the following skills/objectives:

Fundamentals and skills in Generative AI

Prompt Engineering

Data Analysis and Visualization of AI models

Experimentation and Experiment Design

Multimodal AI Systems implementation

Optimization of AI model performance and systems

## Available Courses

🕒 144 Total Clock Hours

Courses consist of one class from the Foundation Course category and one class from the Intermediate Course category.

### Foundational Course



Generative AI & LLMs

📄 Class & Skill Application

36 Class Hours • 36 Skill App Hours

### Intermediate Course



Multimodal Generative AI

📄 Class & Skill Application

36 Class Hours • 36 Skill App Hours