

# Personalized Learning Plan

## Create Study Schedule

**\*\*Study Plan for CSD 4151 - Applied Artificial Intelligence\*\***

**\*\*Week 1-2:\*\***

**\*\*Module I - Introduction to AI Technology\*\***

- Overview of computer graphics, robotics, image processing, and natural language processing.
- Introduction to high-performance computing.

**\*\*Week 3-4:\*\***

**\*\*Module II - AI in Business, Finance, and Medicine\*\***

- Understanding electronic commerce technology and financial calculus.
- Exploring fraud detection, marketing analytics, and medical image analysis.

**\*\*Week 5-6:\*\***

**\*\*Module III - AI in Smart City\*\***

- Studying urban development theories and smart building infrastructure.
- Introduction to geographic information systems and waste management.

**\*\*Week 7-8:\*\***

**\*\*Module IV - AI in Neurocognitive Science\*\***

- Learning about cognitive science, emotion recognition, and brain imaging analysis.
- Exploring brain-computer interfaces and neural data analysis.

**\*\*Week 9-10:\*\***

### **\*\*Module V - AI for Government Processes\*\***

- Deep learning and intelligent robots in the government sector.
- Analyzing sentiment, public reactions to COVID-19 vaccine, and the development of AI-based solutions for public administration.

### **\*\*Week 11-12:\*\***

#### **\*\*Review and Assessment\*\***

- Reviewing key concepts from all modules.
- Assessment of learning outcomes and practical applications.

**\*\*Note:\*\*** The study plan covers all modules over a 12-week period to ensure a comprehensive understanding of applied artificial intelligence concepts and their practical implementations.

## **End of Plan**

Thank you for using Aura's Learning Plan Generator!