Course Overview and Prerequisites

📚 Learning Objectives

- Understand medical LLM architectures
- Master clinical NLP techniques
- Deploy healthcare AI systems
- Ensure HIPAA compliance
- Evaluate model performance

📋 Prerequisites

- Python programming
- Machine learning basics
- Medical terminology
- Neural networks fundamentals

PyTorch   Hugging Face   FHIR   Docker

📊 Assessment Breakdown

40%	30%	30%
Project	Assignments	Exam

🎯 Course Structure

- 20 comprehensive lectures
- Hands-on coding sessions
- Real-world case studies
- Industry expert guest lectures