

Phys 399: Introduction to Scientific Programming

Fall semester 2025

Instructor

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Class Information

- **Classroom/Lab:** KUY213
- **Class Hours:**
 - **Mon:** 1:30 PM – 3:20 PM
[Lecture + Lab]
 - **Wed:** 1:30 PM – 3:20 PM
[Lecture + Lab]



Course Goals

This course is designed for beginners who want to acquire practical programming skills and apply them in scientific contexts. Students will gain essential skills in:

- Python and C++ Programming
- Data Analysis and Visualization
- AI/ML (including LLM) Applications
- Problem-solving skills
- Scientific communication



Syllabus