PHY2048\_CMB-25Fall 00137 Course Overview

This is a mix-mode course. The majority of “knowledge ingestion” happens outside of the classroom, and the class time is designated for presentation, communication and discussion.

## Platforms:

***Micorosoft Course Team:*** For announcements, communications, announcements, documents and learning resources. Doesn’t contain anything that is graded for credit.

***Webcourse:***For all graded assignments. Anything that generates a grade can be found on webcourses.

## Tasks and Assignments:

### Weekly Learning Guide and Learning Summary

This is how you get exposed to the basic concepts and skills required each week. Each week, you will find a list of questions/tasks in the form of a “learning guide”. You are expected and strongly encouraged to answer all of those questions and complete the tasks, with the help of Generative AI. The questions on the learning summary represent all the concepts that a student is required to master for a given week. Refer to the “Weekly Learning Summary” document for detail.

#### Generative AI services available to you:

Microsoft Co-pilot (UCF recommended): [http://portal.office.com](https://nam02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fportal.office.com%2F&data=05%7C02%7Czhongzhou.chen%40UCF.EDU%7C87a969812e4f4f8307e108dddb9bdefb%7Cbb932f15ef3842ba91fcf3c59d5dd1f1%7C0%7C1%7C638908184728165562%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=4e%2BqPIl9ldbfjDeK%2BV6gCuK7WDGcn%2FpHazidM1cKfwA%3D&reserved=0)

Note: Conversations and Data on Co-pilot remain on UCF owned servers and will not be shared back with Microsoft.

Google Gemini Pro: [Gemini for Students — get free Google AI Pro for a year](https://gemini.google/students/?utm_source=sem&utm_medium=paid-media&utm_campaign=students_sem_bts-sem-bkws_generic__text&gclsrc=aw.ds&gad_source=1&gad_campaignid=22867540490&gbraid=0AAAAAC_C9PQOmWLWTWIug0zFLSn1d0Pbi&gclid=CjwKCAjwtfvEBhAmEiwA-DsKjtH7Z4rioftRPH1wbikjkBtcJtPhFbkMi07k0D5Hpl1BRL5dwL4v1hoC7pcQAvD_BwE)

Claude: [Claude](https://claude.ai/new)

ChatGPT: [ChatGPT](https://chatgpt.com/)

Grok: [Grok](https://grok.com/?referrer=website)

Note: A “Thinking” model gives slower but mostly more accurate answers to questions.

#### Lecture Videos by Dr Chen:

An alternative method of learning is the video lectures in Microsoft Teams (found under homepage). This is only recommended if you are strongly against utilizing Generative AI for learning. Notes used in lecture videos can be found in OneNote Class Notebook.

### Classroom Activities

Each week during class time, students will volunteer or be selected to elaborate on the questions in the learning summary of the previous week, and discuss their answers with the class and the instructor. See “Weekly Learning Summary” for details.

### Homework

Homework are in the form of learning modules on Webcourses. Refer to “how to complete online homework document” in Webcourses for details. It is recommended to complete homework on your own, but you are allowed to use Generative AI to help you.

### Recitation

Weekly recitation activities are conducted by the recitation TAs. Questions regarding recitation should be directed to recitation TAs

### Exams:

## Communication with Dr. Chen

* The preferred method of communication is Microsoft Teams chat. You can also mention Dr. Chen by “@” his name (Zhongzhou Chen) in the Teams channels.
* Email is also acceptable but may take longer to get a response.
* Longer questions, especially those involving diagrams, can be asked via OneNote class notebook. Refer to “How to ask a question using OneNote” document for details.
* Attend in-person office hours (time to be announced) to communicate with Dr. Chen one on one in his office in PSB-153.