

Artemis & Apollo: From One Small Step to the Next Giant Leap **Fall 2026 Syllabus**

Thursday, 9 am – 10:30 am

In-person, MAB 2, Room 155

Fred Peters (fredpeters1@cox.net)

- Sept 10: Introduction
 - Logistics
 - Course coordinator: Fred Peters, NASA (Ret)
 - Course description
 - Review the syllabus
 - Video
- Sept 10 Session 1: Racing the Moon—Historical Context and Political Motivation.
- Sept 17 Session 2: What We Know Now—Lunar Science Then and Today.
- Sept 24 Session3: Rockets—Saturn V vs. Space Launch System.
- Oct 1 Session 4: Crew Vehicles—Command Module vs Orion.
- Oct 8 Session 5: Landing on the Moon—Lunar Module vs. Starship HLS and Blue Moon.
- Oct 15 Session 6: Getting There and Back—Mission Architecture Compared.
- Oct 22 Session 7: The Gateway That Wasn't: When Architectures Changed
- Oct 29 Session 8: Boots on the Ground: Artemis as a Surface-First Program
- Nov 5 Session 9: It takes a Village—International and Commercial Partnerships after Gateway
- Nov 12 Session 10: The Next Giant Leap: Building a Permanent Human Presence on the Moon