

# SPACE 581 001 FA 2020

Fall 2020 SYLLABUS

AEROSP/SPACE 581- Space Policy and Management

**Purpose of Course:** To provide students intending to pursue careers in aerospace, or science policy, with knowledge of how the space program, particularly the civil space program developed and what is its future, and to inform students with how the government procures and manages major space projects.

- **Policy: History**
- Formation of US Space Policy
- Gemini and Apollo
- Shuttle, Space Station
- Columbia accident & Bush Space Initiative
- Griffin Administration
- Bolden Administration
- **Policy: The Current Program**
- Bridenstine and Space Council
- New emphases of NASA
- Human space flight
- Artemis
- Planetary Protection
- Space and Earth Science
- Our Political Masters
- Military Space
- International Space
- Traditional Commercial Activities
- Major US Space Industries
- **Management**
- Setting Requirements
- RFP process
- Design Fundamentals
- Teaming Relationships
- Costing
- Contractual Vehicles
- Writing a winning proposal
- Organization
- Leadership of large organizations
- Project Management [Pete Tchoryk]