Videos: Space Mission and Spacecraft Design
Space and Astronautics

Satellite orbits
- Global Positioning System GPS Constellation (5 min 15 sec)
- Geostationary Orbit GEO (8 min 54 sec)
- Regression of Nodes (4 min 20 sec)
- Prograde, Retrograde, and Sun-Synchronous Orbits (5 min 30 sec)
- Rotation of Apsides (5 min 40 sec)
- Molniya Orbit (5 min 10 sec)
- Molniya Communications Relay (4 min 15 sec)
- Orbit Circularization by Atmospheric Drag (3 min 50 sec)
- Effects of Solar Radiation Pressure on Satellite Orbits (6 min 30 sec)

Current events
- Satellite Launch by North Korea in 2012 (18 min)
- International Space Station: Hole and Leak, August 2018 (9 min)

Space and rocket history
- Space: From Firecrackers to Interstellar Flight
  - Part 1. The First Thousand Years (71 min); Part 2. Space in 21st century (78 min)
- The Road to Space. The First Thousand Years (1 hr 10 min)
- Ary Sternfeld. A Forgotten Space Pioneer (25 min)

Space science
- Interstellar Helium Atom Flux at 1 AU (8 min 09 sec)
- Energetic Neutral Atom (ENA) Imaging: The Next Step (15 min)

Ice ages
- Ice Ages, Solar System Dynamics and Global Climate Change (3 min 30 sec)

USC Astronautics
- USC Master of Science in Astronautical Engineering: Overview (53 min)

History
- History of the United States in Two Minutes (2 min 20 sec)

http://astronauticsnow.com/vp/