

Course List (Selected)

Degree: Master of Engineering Major: Aeronautical and Astronautical Science and Technology Institute: Harbin Institute of Technology

Dynamics & Control

- System Identification and Adaptive Control
- Neural Networks for Modeling and Control
- Modern Control Theory (Linear System Theory)

Astronautics

- Guidance Navigation and Control of Spacecraft
- Computer-Aided Design and Simulation of Spacecraft
- Intelligent Fault Diagnosis for Spacecraft
- Small Satellite Technology
- Autonomous Navigation for Deep Space Explorer
- Integrated Navigation System of Spacecraft
- Thermal Control System of Spacecraft
- Mission-Oriented Orbit Design

Mathematics

- Numerical Analysis
- Optimal Control and Calculus of Variations