



The University of Texas at Austin  
**Aerospace Engineering  
and Engineering Mechanics**

## NEIL ARMSTRONG

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### Neil Armstrong

Professor

Endowed Chair Title in Engineering

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## COURSES

### ASE 366K - Spacecraft Dynamics

This undergraduate class covers the fundamentals of spacecraft motion. This includes solutions to the two-body problem and works up to interplanetary mission design using simple patched conics.

### ASE 396 - Fundamentals of Estimation

This graduate level class covers the basics of estimation theory, which may be later applied to orbit determination, autonomous navigation, and other areas.

### ASE 396 - Orbital Debris

Covers elements of the orbital debris problem. The material includes general subjects related to orbital debris (e.g., mitigation requirements/strategies), and extends to topics specific to space situational awareness.

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