

ASEN 5158
SPACE HABITAT DESIGN

Fall 2022
Tuesday/Thursday 10:00-11:15
Room Aero N240

Lecture notes and recordings will be available on Canvas shortly after class

Instructor: Prof. David Klaus

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Course Objectives

Utilize systems engineering methods to design and analyze a spacecraft intended for human occupancy with functional knowledge of the technologies used to sustain life. Emphasis placed on deriving requirements from stated mission goals and objectives, developing integrated functional schematics into a conceptual design, and analyzing design options by mass/volume estimation, including launch vehicle selection.

Office Hours

TBD, will be set after first week of class

Policies on Disabilities, Absences, Behavior and other Guidelines
