

# SPACE PAYLOAD SPECIALIST TRAINING

## Aim

This program is designed to provide researchers, scientists, and graduate students with the knowledge and skills to design, plan, and conduct experiments on commercial suborbital spaceflights.

## Content

- Space Research Types
- Environmental Considerations
- Payload Safety Considerations
- Vehicle Types and Operating Environments
- Vehicle Payload Interface
- Operational Considerations in Space
- Time/Distracton Management
- Emergency Procedures & Contingency Planning
- Design and Conduct Experiment in Simulated Space Environment
- Simulated Space Flights to Conduct Experiment in Phoenix Centrifuge

## Duration

1 Day

## Equipment

Phoenix Centrifuge

## Prerequisites

- Completion of Basic Space Training Course (2 Days)
- FAA Class 3 Medical Certificate or equivalent
- Trainees are expected to be in a good state of health and physically capable of taking part in all course activities

## Certification

All persons who successfully complete the program based on performance standards will receive a NASTAR Center certificate of completion and NASTAR course card

## Registration

NASTAR Training Center located at 125 James Way in Southampton, PA. 18966, USA. To schedule, please contact us at 866.482.0933 or email us at [info@nastarcenter.com](mailto:info@nastarcenter.com)