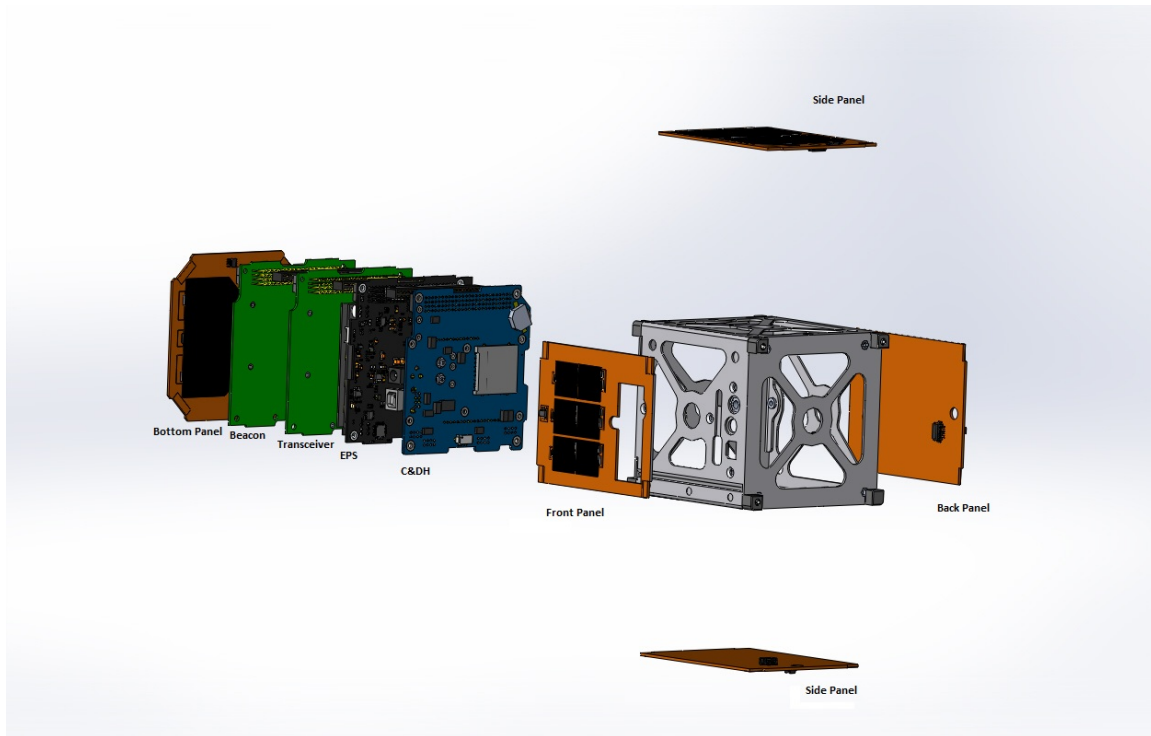


CUNYSAT CubeSat Description

Medgar Evers College – 1U



CUNTSAT Expanded View

CUNYSAT-1 is a pathfinder Cubesat with the objectives of workforce development for students and building faculty capability for research using small satellites. The project was initiated with funding from the National Space Grant Consortium Minority Serving Partners award with Cornell University as a co-investigator.

The mission involves the design, assembly and integration of basic subsystems: Structure, Electrical Power System, Communications, Command and Data Handling, and Control for a 1U Cubesat in preparation for a launch.

CUNYSAT-1 utilizes a UHF/VHF communication system which is necessary to uplink commands and downlink data containing spacecraft health as well as payload test results.