

**STATE BOARD OF COMMUNITY COLLEGES**  
**Allocation for Sub-Orbital Student Competition**  
**FY 2018-19**

**Request:** The State Board is asked to approve \$19,250 to be allocated to seven community colleges from the North Carolina Space Grant (NC Space Grant) budget.

**Strategic Plan References:**

Theme: Student Interest and Access

Goal #2: Provide a continuum of education, training, advising, and support to help learners make informed decisions that lead to credentials and careers.

- Objective 2.1: Provide timely and accurate career exploration and academic planning opportunities.
  - Strategy 2.1.1: Integrate career exploration and employer outreach for all audiences from the moment they engage.

**Background:** The NC Space Grant is a consortium of universities, industries, government agencies, and non-profit organizations committed to addressing the Nation's science, technology, engineering, and mathematics workforce development needs. The NC Community College System Office, as an affiliate institution of the State's NC Space Grant, is supporting a high-altitude balloon payload student-design competition for the fifth year. Launch occurs in April and will be in association with the Gravity Games held in Lenoir, NC. The participating colleges typically recruit student teams of six to eight members, and require funding for small equipment (Go Pro cameras, GPS units) and consumables (Helium, spare balloons).

**Rationale:** The past four years of conducting the competition has provided data necessary to determine that the cost to field a team is between \$2,000 and \$3,000 per college.

**Method of Allocation:** Each will be allocated \$2,750 for development of prototype payload for balloon launch, travel to track and retrieve payload, and supplies needed to participate in launch activities.

<b>College Name</b>	<b>Amount of Funding</b>
Durham Technical CC	\$2,750
Catawba Valley CC	\$2,750
Edgecombe CC	\$2,750
Nash CC	\$2,750
Pitt CC	\$2,750
Rowan-Cabarrus CC	\$2,750
Wake Technical CC	\$2,750
<b>Total</b>	<b>\$19,250</b>

**Allocation Amount and Time Period:** The allocation of funding is for the period of October 19, 2018 - April 30, 2019.

**Fund Source and Availability:** These funds are available through the North Carolina Space Grant Affiliate program.

**Contact Person:**

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