

Guided Pathways Proposals for Tartar Success Teams

Guided Pathways Budget

STEM Week (May 17-21, 2021)

The STEM TST would like to collaborate with the STEM Center and STEM faculty on the annual STEM Week (May 17-21, 2021). In the past, about 200 STEM students participated in our annual STEM Week. Spring 2021’s STEM Week will include a transfer panel, professional panel, Zoomposium, and a virtual field trip. The STEM Week aligns with the mission and the vision of Compton College because it exposes current Compton College students to Compton alumni who have transferred and completed degrees in STEM. Students can also learn about the benefits of a STEM career, as expressed by the professional panel. The funds will be used to buy prizes for students who participate in the Symposium, small stipends for professional and student panelists.

Virtual Event
Prizes for Science Symposium: \$500
Recruitment flyers & postage mailing: \$100
Panelist: \$100 per panelist for 5 professional panelists = \$500
Student Panelist: \$300
Total Cost: \$1,400

Total Amount Requested:

<u>01.0-00000.0-00000-00000-0000-0000000</u>	<u>\$1,400.00</u>
Account Number	Requested Amount

Make it Happen: a STEM Hands-on Virtual Learning Project

Our recommendation to engage students in their learning during the pandemic is to implement the Make it Happen: a STEM Hands-on Virtual Learning Project for Spring 2021. This project will be a virtual academy where we will target all Compton College students enrolled in a STEM course. We will choose a group of 20-30 students. Students who participate in the Make It Happen Project will be divided into teams to work on projects of their choosing using Arduino as the main platform to build their projects. Students will attend a series of zoom workshops that will walk them through the engineering process and Arduino training. Students will be mailed Arduino kits and supplies to their homes. They will be asked to present their final projects to the campus community.

Students will practice what they are learning in many of their courses and work on their ability to communicate, be problem solvers, and critical thinkers. This will keep students engage in our campus community. Thus, students will want to **progress** in their courses and motivate them to **complete** their degrees while **transitioning** to four-year universities. Additionally, this type of exposure will help students narrow future careers and make them look competitive when applying to internships and other STEM activities. It may also provide them with projects to list on their resume and transfer applications.

We will be spending our budget on Arduino Kits, hiring a professional expert, and purchase extra supplies students will need to complete their project.

Item	Amount
Recruitment Flyers and postage mailing	\$100
Arduino Kits / Supplies (30)	\$75 (Kit) X 30 students = \$2,250
Professional Expert (\$40-\$75 hourly) <ul style="list-style-type: none"> • Will provide Arduino training 	\$40-\$75 (Hourly) X 20 = \$1,500
Total	\$3,850

Total Amount Requested:

01.0-00000.0-00000-00000-0000-00000000

Account Number

\$3,850.00

Requested Amount