



Request for Appropriation of Funding Non-Board of Trustee Item Request

Note: All request must be submitted 6 weeks prior to event date

Submit to Student Life Office and email to lhennings@mtsac.edu. Upon receipt, confirmation of item and agenda date will follow.

For Office Use Only	
Request #:	7
Date Received:	9/21/22
Agenda Date:	10/4/22

Amount Requested per item

I. Type of Appropriation Requested (Select all that apply):

- Catering: (ex. Sodexo, off-campus restaurants and caterers) \$ _____
- Conference & Travel: (ex. Registration, transportation, lodging, meal allowance) \$ _____
- Food Supplies: (ex. Pre-packaged food items like chips and candy, etc.) \$ _____
- Supplies: (ex. Streamers, paper cups, plastic utensils, decorations, etc.) \$ 1544.16

If you are requesting funding for an Independent Contractor or Contract, you will require the Board of Trustees approval. You must complete a separate "Request for Appropriation of Funding Board of Trustee Item Request."

TOTAL AMOUNT REQUESTED: \$ 1544.16

II. Additional Sources of Funding

Are you considering other sources of funding? (Circle one) Yes / No

If so, please indicate the Source: Student Fee (\$30/person) Amount: \$ 450

III. Event Information

Recognized Student Club/ Organization (RSCO) or Department: Engineering Club

Name of Event: Rocket Workshop

25 Live Reservation Reference Code: ~~2202-AAKJBG~~ ~~2202-AAKJBG~~ 2022-AAKJBG

Event Location: Friends of Amateur Rocketry

Event Date: 11/5

Event Start to End Time: 6am - 4pm

NOTE: Associated Students has the purview of requiring certain events to prove all participants to have paid their current Student Activities Fee. Fees are subject to electronic verification, via the Associated Students website.

2022 Engineering Club Event

Title	Rocket Workshop Program
Date	Intro section: 9/28 Workshop: 9/30, 10/5, 10/12, 10/26, 11/2, 11/16 Launch: 11/5, 11/19
Time	Intro section: 6pm - 8pm at bldg 44 Workshop: 6pm - 8pm at bldg 11/ Makerspace Launch: 6am - 2pm at FAR(Friends of Amateur Rocketry)
Est. Participant	15
Purpose	Introduce engineering students to rocketry, with a series of hands-on workshops, letting students learn engineering in a different way than in class.
Event Detail	<ul style="list-style-type: none"> ● Intro Section <ul style="list-style-type: none"> ○ The intro section will introduce the components of a rocket and their purpose and function. It can give students a brief understanding of every part's functions and role during a launch. The section will include a launch of a small rocket in the school parking lot. ● Workshop <ul style="list-style-type: none"> ○ We will teach about different components of making a rocket each week. We will also teach how different sizes, shapes, materials, and mounting methods will affect the rocket's performance. After students design their own rocket, the workshop will then move to the Mountie MakerSpace. Students will fabricate and assemble their rocket with the equipment at the Makerspace. Students will learn various techniques on Laser cutter, 3D printer, and hand tools in the process, making them more capable than other students. ● Launch <ul style="list-style-type: none"> ○ Students who complete the workshop and finish a rocket can launch it on the launch dates. The first launch for every student

	<p>will be a test launch with a mid-power motor(F class), so they can learn the procedure from setting up a launch to the recovery of the rocket. The second launch will be using a high-power motor(H class), students can choose to attempt the NAR Level 1 Certificate if they want to continue with rocketry.</p>
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Budget Breakdown

Activity/Item	Quantity	Flat Fee	Price
Intro section			
SD Rocket	1	\$20	\$20
Workshop			
Plywood	3	\$34.88	\$106.64
3D printing filament	1 kg	\$25	\$25
Epoxy	3	\$20	\$60
4X36" Cardboard Tube	25	\$2.68	\$67
1½X12" Cardboard Tube	50	\$1.05	\$52.5
Lead shot	4 lb	\$39.99/4	\$39.99
U bolt	15	\$1.98	\$29.7
3/8" Washer	15	\$9.59/140	\$9.59
3/8" Eyebolt	15	\$27.06/20	\$27.06
Parachute	5	\$18.95	\$94.75
Nylon Webbing	150 ft	\$57/150	\$57
Launch			
Rocket motor	15 15	F class: \$35.99/2 H class: \$44.99	\$955.59
Total			\$1544.16