



Hartnell College - Office of Institutional Advancement

Grant Concept Form

November 2020

1. New/Renewal Grant Project - What do you want to do?

Title: Soar with STEM

Website: <https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7B8C1E23C1-D050-66C8-54F>

Abstract: Fill in Abstract below:

Soar with STEM supports 4th-8th grade students with the science of aviation and the innovation of space flight and hands-on Engineering lessons supported by NASA STEM curriculum . It will support both teachers and pre service teachers along with students from the surrounding areas.

2. Alignment with the College Strategic Plan and Feasibility

30 _____ % **Goal 1** - Increase Student Completion

[Link to Hartnell College Strategic Plan](#)

30 _____ % **Goal 2** - Increase Student Completion Efficiency

30 _____ % **Goal 3** - Increase Student Transfer to 4 Year Institute

10 _____ % **Goal 4** - Improve Student Employment Subsequent to Training or Completion

100 _____ % **Total (should equal 100)**

Please provide a list of the Hartnell values that this grant fulfills: [Hartnell College's Values](#)

focus on education and workforce development, needs of the community, student access, learning ,development, and success; excellence in teacher and student services that develop the intellectual, personal, and social competence; equity, inclusion; develop strategies relation to grow knowledge and strengthen impact; leadership and empowerment; innovation through collaboration, stewardship of resources.

Be prepared to provide data to support scoring below such as Labor Market Data.

*** Scoring Criteria (1-5 WEAK to STRONG)**

- | | |
|---|------------|
| 1) Staff expertise/experience in similar projects | 5
_____ |
| 2) Compelling need in college or community | 5
_____ |
| 3) Strong business/community/education partnerships | 5
_____ |
| 4) Aligns with new funding formula | 4
_____ |
| 5) Low demand on resources (space, equipment, etc.) | 5
_____ |
| 6) Capable of sustaining project after grant ends | 5
_____ |

Total: 29 _____ (Total should not exceed 30)

List Accreditation Standards (i.e.; II.A.):

[Link to Accreditation Standards](#)

A1, A2, B2,

**3. If the project is for broad institutional capacity building, what are the plans for institution-wide development & implementation of proposed activities?**

It will support and develop the capacity of the K-12 STEM program and support students learning about the Guided Pathways offered at Hartnell College.

4. Does the project align with or overlap with current activities or events? If yes, please provide information about activities and how current directors and program staff are involved in developing this new project/grant proposal.

K-12 current activities, Engineering pathways, MakerSpace
This program will target middle school students to support access to STEM and Engineering pathways they may not have during their regular school year. It will support Hartnell College and CSUMB's new Engineering pathway beginning in 2022. It will also allow K-12 STEM to leverage resources and partners like the Central Coast Fab Lab adding more student access to programs and classes they offer. Hartnell STEM students, CSN3 students, and Maestro students also have an opportunity to be hired by K-12 STEM to become a Student Ambassador to support classroom teachers with their lessons and be in charge of supplies and materials for a school site. Students interested in the teaching field are given opportunities to work in classrooms with students and support the classroom teacher with the STEM lesson. Hartnell's Concurrent and Dual enrollment will be discussed with middle school students so they will be aware of their choices beginning in high school.



Hartnell College - Office of Institutional Advancement

Grant Concept Form

November 2020

5. Grant Type		Due Date
<input checked="" type="checkbox"/> New		07/19/2021
Continuation		
Funding Source		Agency/Organization
Public: State <input checked="" type="checkbox"/> Federal		NASA
Private: Foundation Corporation		
Individual		
6. Fiscal Information - Fiscal Agent		
<input checked="" type="checkbox"/> College	Foundation	Indirect Cost Rate: 30 Grant Amount: 800,000
7. Does the proposed project require matching funds or in-kind contributions?		
<input checked="" type="checkbox"/> No	Yes	If yes, explain: N/A
8. Intellectual Property		
<i>Will the proposed project include the development of intellectual property?</i>		
<input checked="" type="checkbox"/> No	Yes	If yes, explain: N/A
9. Grant Timeline		
Grant Start Date: 02/01/2022	Grant Ending Date: 01/31/2024	
10. Proposal Lead		
• Proposal Lead:	Julie Stephens Carrillo	
• Title:	Director K-12 STEM	
• College Department:	STEM	
• Phone:	831-269-9280	
• Email:	jstephenscarrillo@hartnell.edu	



11. Additional Partners

Will this project include other agencies?

No Yes

If yes, explain:

Our partners include: MCOE, CSUMB, UCSC, MESA, NASA AMES, Central Coast Fab Lab, Salinas Science workshop, Chevron, Fab Lab Foundations, Computer History Museum, The Tech, RAFT, Bob Hoover Academy

12a. Human Resources - Staffing Positions to Support the Grant

What new/continuing positions will be created to meet the proposed project objectives?

Please list the proposed titles and one-sentence job description below; include cost detail and a source of funding.

.5 of the K-12 STEM director will be paid from this grant. 1 part-time program support position will also be covered by the grant. K-12 teachers from districts may be hired as professional experts.

12b. Will the proposed project require HCCD to eventually absorb the cost of staffing for the project?

No Yes

If yes, explain below and complete 16a and 16b:

In order to sustain the K-12 Director position, 50% would need to be absorbed by the college, however the department is looking at alternative funding arrangements to help cover the cost.



13a. Facilities, Furniture and Equipment Resources to Support the Grant

Will new/remodeled space be needed? (e.g. offices, lab and activity space, etc.)?

If so, please confer with Facilities to review the underutilized space map and describe plans below.

Will furniture and equipment be needed (e.g. workstations for staff, computers, phones, chairs, etc.)?

If so, include the estimated cost and source of the funding below.

N/A

13b. Will proposed facilities, furniture and equipment needs continue after grant?

No Yes If yes, explain below and complete 16a and 16b:

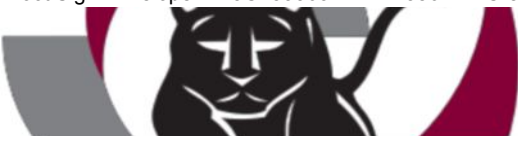
N/A

14a. Impact on Student Affairs and its resources?

What current resources will be used to implement this grant?

What new resources will be needed?

It may increase the number of students signing up for bridging activities during the summer with Upward Bound as well as concurrent and dual enrollment as the middle school students enter high school.



Hartnell College - Office of Institutional Advancement Grant Concept Form

November 2020

14b. Impact on Institutional Resource and Information Technology resources?

What new institutional research will be needed? (e.g. evaluation, new data sets, new reports.)

What new informational technology will be needed? (e.g. new or additional software.)

N/A

14c. Will proposed institutional research and IT needs continue after grant?

No Yes If yes, explain below and complete 16a and 16b:

15. Budget Plan – over the term of the grant

	Grant	HCCD Match	Match Other
Personnel Instructional	12,495		
Personnel Non-Instructional	249,773		
Operating	296,578		
Equipment	78,000		
Indirect	163,154		
Total	800,000		

Budget Notes:



Hartnell College - Office of Institutional Advancement Grant Concept Form

November 2020

16a. If proposed activities will continue after grant funding ends, what are the plans for sustainability?

Indicate years and activities that will be included in Program Planning and Assessment (PPA) and Resource Requests.

Hartnell K-12 STEM will be working with district partners to secure contracts for services rendered from local schools, after school programs, and agencies.

16b. Budget Plan – HCCD institutional commitment – after grant term ends

Fiscal Year:	2025	2026	
Personnel Instructional	6,294	6,294	
Personnel Non-Instructional	113,607	113,607	
Operating	72,000	72,000	
Other	24,000	24,000	
Total	\$215,901	215,901	

Budget Notes:

The above figures include the cost of salaries and benefits for the director plus support staff and professional experts. In order to sustain the K-12 Director position, at least 50% of the position would need to be absorbed by the college. However, the department is look for alternative funding arrangements to help cover the costs. "Other" includes compensation for participating teachers.

17. Academic Senate - New Programs, Curriculum and/or Faculty

Does the proposal include new programs, curriculum, or faculty?

No Yes Proposed date to present to the Academic Senate: _____

List faculty members involved in development:

Mo Yahdi, Tito Polo, Hassel Painter, Melissa Hornstein


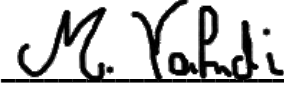



Hartnell College - Office of Institutional Advancement Grant Concept Form

November 2020







18. The proposed project supports the goals and objectives of Hartnell College

The following signatures are the responsibility of the Proposal Lead:

Support <input checked="" type="radio"/>	Do Not Support <input type="radio"/>	<u></u> Julie Stephens Carrillo (Jul 26, 2021 08:52 PDT)	07/20/2021
		Proposal Lead	Date
Support <input checked="" type="radio"/>	Do Not Support <input type="radio"/>	<u></u>	Jul 26, 2021
		Dean	Date
Support <input checked="" type="radio"/>	Do Not Support <input type="radio"/>	<u></u> Cathryn Wilkinson-Thompson (Aug 3, 2021 11:53 PDT)	Aug 3, 2021
		VP	Date

19. The proposed project supports the goals and objectives of Hartnell College

The following signatures are the responsibility of the Office of Institutional Advancement:

Support <input checked="" type="radio"/>	Do Not Support <input type="radio"/>	<u></u> Cheryl O'donnell (Aug 6, 2021 13:03 PDT)	Aug 6, 2021
		Academic Senate	Date
Support <input checked="" type="radio"/>	Do Not Support <input type="radio"/>	<u></u> Jackie Cruz (Aug 6, 2021 14:48 PDT)	Aug 6, 2021
		Vice President of Advancement and Development	Date
Support <input checked="" type="radio"/>	Do Not Support <input type="radio"/>	<u></u> Alicia Gregory (Aug 9, 2021 10:55 PDT)	Aug 9, 2021
		Accounting Manager	Date
Support <input type="radio"/>	Do Not Support <input type="radio"/>	<u></u> Steven Crow (Aug 9, 2021 11:03 PDT)	Aug 9, 2021
		Vice President of Administrative Services	Date
Support <input checked="" type="radio"/>	Do Not Support <input type="radio"/>	<u></u> David Phillips (Aug 10, 2021 20:10 PDT)	Aug 10, 2021
		Vice President of Information Technology	Date
Support <input type="radio"/>	Do Not Support <input type="radio"/>	<u></u>	Aug 11, 2021
		Vice President of Human Resources	Date
Support	Do Not Support		
		Director/Vice President (as required)	Date



Hartnell College - Office of Institutional Advancement

Grant Concept Form

November 2020

20 . Approval

The proposed project is approved and supports the goals and objectives of Hartnell College.

Support

Do Not Support


[Raul Rodriguez](#) (Aug 11, 2021 10:31 PDT)

Aug 11, 2021

Superintendent/President

Date












Grant Concept Form-NASA-TEAMII-STAT


Final Audit Report

2021-08-11


Created:	2021-07-24
By:	Michele Peregrin (mperegrin@hartnell.edu)
Status:	Signed
Transaction ID:	CBJCHBCAABAAFS3J8brWK0kcSd8G49rSG9TDnWgqoxzl

"Grant Concept Form-NASA-TEAMII-STAT" History


-  Document created by Michele Peregrin (mperegrin@hartnell.edu)
2021-07-24 - 3:04:07 AM GMT- IP address: 198.189.134.111
-  Document emailed to Julie Stephens Carrillo (jstephenscarrillo@hartnell.edu) for signature
2021-07-24 - 3:10:41 AM GMT
-  Email viewed by Julie Stephens Carrillo (jstephenscarrillo@hartnell.edu)
2021-07-24 - 3:33:50 PM GMT- IP address: 47.27.244.222
-  Document e-signed by Julie Stephens Carrillo (jstephenscarrillo@hartnell.edu)
Signature Date: 2021-07-26 - 3:52:58 PM GMT - Time Source: server- IP address: 47.27.244.222
-  Document emailed to Mohammed Yahdi (myahdi@hartnell.edu) for signature
2021-07-26 - 3:53:01 PM GMT
-  Email viewed by Mohammed Yahdi (myahdi@hartnell.edu)
2021-07-26 - 10:29:40 PM GMT- IP address: 66.249.84.87
-  Document e-signed by Mohammed Yahdi (myahdi@hartnell.edu)
Signature Date: 2021-07-26 - 10:32:59 PM GMT - Time Source: server- IP address: 35.132.90.187
-  Document emailed to Cathryn Wilkinson-Thompson (cwilkinson@hartnell.edu) for signature
2021-07-26 - 10:33:01 PM GMT
-  Email viewed by Cathryn Wilkinson-Thompson (cwilkinson@hartnell.edu)
2021-07-27 - 11:36:41 PM GMT- IP address: 66.249.84.93
-  Document e-signed by Cathryn Wilkinson-Thompson (cwilkinson@hartnell.edu)
Signature Date: 2021-08-03 - 6:53:31 PM GMT - Time Source: server- IP address: 198.189.134.111
-  Document emailed to Cheryl O'donnell (codonnell@hartnell.edu) for signature
2021-08-03 - 6:53:33 PM GMT

 Email viewed by Cheryl O'donnell (codonnell@hartnell.edu)


2021-08-06 - 8:00:59 PM GMT- IP address: 66.249.84.95

 Document e-signed by Cheryl O'donnell (codonnell@hartnell.edu)

Signature Date: 2021-08-06 - 8:03:52 PM GMT - Time Source: server- IP address: 73.231.81.251

 Document emailed to Jackie Cruz (jcruz@hartnell.edu) for signature

2021-08-06 - 8:03:56 PM GMT

 Email viewed by Jackie Cruz (jcruz@hartnell.edu)

2021-08-06 - 9:47:39 PM GMT- IP address: 107.77.213.40

 Document e-signed by Jackie Cruz (jcruz@hartnell.edu)

Signature Date: 2021-08-06 - 9:48:13 PM GMT - Time Source: server- IP address: 107.77.213.40

 Document emailed to Alicia Gregory (agregory@hartnell.edu) for signature

2021-08-06 - 9:48:14 PM GMT

 Email viewed by Alicia Gregory (agregory@hartnell.edu)


2021-08-06 - 9:48:18 PM GMT- IP address: 66.249.84.67

 Document e-signed by Alicia Gregory (agregory@hartnell.edu)

Signature Date: 2021-08-09 - 5:55:24 PM GMT - Time Source: server- IP address: 198.189.134.66

 Document emailed to Steven Crow (scrow@hartnell.edu) for signature

2021-08-09 - 5:55:26 PM GMT

 Email viewed by Steven Crow (scrow@hartnell.edu)

2021-08-09 - 5:57:51 PM GMT- IP address: 66.249.84.67

 Document e-signed by Steven Crow (scrow@hartnell.edu)

Signature Date: 2021-08-09 - 6:03:47 PM GMT - Time Source: server- IP address: 198.189.134.66

 Document emailed to David Phillips (dphillips@hartnell.edu) for signature

2021-08-09 - 6:03:48 PM GMT

 Email viewed by David Phillips (dphillips@hartnell.edu)

2021-08-11 - 3:10:08 AM GMT- IP address: 66.249.84.95

 Document e-signed by David Phillips (dphillips@hartnell.edu)


Signature Date: 2021-08-11 - 3:10:52 AM GMT - Time Source: server- IP address: 198.189.134.66


 Document emailed to Linda Beam (lbeam@hartnell.edu) for signature


2021-08-11 - 3:10:54 AM GMT


 Email viewed by Linda Beam (lbeam@hartnell.edu)


2021-08-11 - 3:48:26 AM GMT- IP address: 66.249.84.86

 Document e-signed by Linda Beam (lbeam@hartnell.edu)
Signature Date: 2021-08-11 - 5:25:44 PM GMT - Time Source: server- IP address: 198.189.134.66

 Document emailed to Raul Rodriguez (rrodriguez@hartnell.edu) for signature
2021-08-11 - 5:25:47 PM GMT

 Email viewed by Raul Rodriguez (rrodriguez@hartnell.edu)
2021-08-11 - 5:30:56 PM GMT- IP address: 66.249.84.85

 Document e-signed by Raul Rodriguez (rrodriguez@hartnell.edu)
Signature Date: 2021-08-11 - 5:31:04 PM GMT - Time Source: server- IP address: 198.189.134.111

 Agreement completed.
2021-08-11 - 5:31:04 PM GMT