



Hartnell College - Office of Institutional Advancement

Grant Concept Form

November 2020

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

Title: Growing Grading for Growth in STEM

Website: https://callearninglab.org/projects/?_campus=csu-monterey-bay RFP: <https://drive.google.com/file>

Abstract: Fill in Abstract below:

This is a two-year scaling project for the Prototype "Grading for Growth in Calculus I, 2021-2022" developed and implemented as a collaboration between CSU Monterey Bay and Hartnell College. Our project intends to further strengthen the first-year STEM pathway via: 1) Continue to improve and scale our Standard Based Grading(SBG) for Calculus I at both institutions 2) Scale to Precalculus courses by adopting the SBG assessment models at both institutions 3) Scale by providing financial support and professional development for instructors beyond the two courses to further strengthen the Calculus pathway and 4) improve data analysis to gather stronger evidence of the impact of our work on our students' learning as well as our instruction

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](#)

This project will promote access, learning, development, achievement, leadership, and success in STEM fields. Standards-based grading is a commitment to excellence in teaching that embraces and celebrates differences in learning among all students. We are developing a strategic relationship with CSUMB. We seek to create new techniques that improve student learning, student achievement and learning opportunity.

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 | 5 |
| 5) Low demand on resources (space, equipment, etc.) | 5 |
| 6) Capable of sustaining project after grant ends | 4 |

Total: ⁹ _____ (Total should not exceed 30)

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

[Link to Accreditation Standards](#)

I.A; I.B; II.A; II.B; II.A; III.C;



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

N/A

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.

- STEM programs access and success
- MESA programs: Math Engineering Science Achievement.
- STEM Guided Pathways and Meta Major, including entering the STEM path, stating n the path, and completion/transfer.
- Salinas Valley Promise
- Equity Rubric for Student Success
- President's Task Force for Racial Justice Recommendations



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5. Grant Type		Due Date	
New		03/01/2023	
x Continuation		03/01/2023	
Funding Source		Agency/Organization	
Public: x State Federal	in 2018, Assembly Bill 1809 established the California Education Learning Lab (CELL) in order to improve learning outcomes and close equity gaps across California's public higher education segments, particularly in STEM disciplines. Learning Lab is part to grow and sustain a highly educated workforce that can meet the challenges of our changing world.		
Private: Foundation Corporation Individual			
6. Fiscal Information - Fiscal Agent			
College	Foundation	Indirect Cost Rate: 8	Grant Amount: 300,000
7. Does the proposed project require matching funds or in-kind contributions?			
x No Yes If yes, explain: N/A			
8. Intellectual Property			
<i>Will the proposed project include the development of intellectual property?</i>			
x No Yes If yes, explain: N/A			
9. Grant Timeline			
Grant Start Date: 07/01/2023		Grant Ending Date: 06/30/2025	
10. Proposal Lead			
• Proposal Lead:	Senorina Vazquez/ Dr. Jennifer Moorhouse		
• Title:	Chair Student Success & Equity Committee/Math Instructors		
• College Department:	Math / STEM		
• Phone:	8317556895		
• Email:	svazquez@hartnell.edu / jmoorhouse@hartnell.edu		



11. Additional Partners

Will this project include other agencies?

No Yes

If yes, explain: This is in collaboration with CSUMB. They will provide the capacity to lead the overall management, assessment, evaluation, and reporting activities.

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.

Minimal to none, no more than the regularly provided data from the IR & IT, as that work will be led by CSUMB.

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:

N/A



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.

Use of existing office, classroom, collaborative, and learning spaces, as well as existing furniture, equipment, and technologies. Nothing additional will be needed.

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?

No new resources. Current resources will be used.



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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.)

Minimal to none, no more than the regularly provided data from the IR & IT, as that work will be led by CSUMB.

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

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

N/A

15. Budget Plan – over the term of the grant

	Grant	HCCD Match	Match Other
Personnel Instructional	200,000		
Personnel Non-Instructional	40,000		
Operating	36,000		
Equipment	0		
Indirect	24,000		
Total	300,000		

Budget Notes:

\$300,000 funding for this project. In our current planning, this is the amount needed to make this project successful and sustainable across the two institutions. This is a scaling grant for our previous Prototype grant called "Grading for Growth in Calculus I" which was a collaboration between the two campuses 2021-2022. This grant is to expand our successful work in Calculus I to other STEM courses. The following list gives an overview of where and how the funds will be spent on this project: Faculty time/effort (paid SPA) to implement the project; External/ internal faculty professional, development; Travel for Conference presentations/Articulation; Social Cohort events planning and implementation to build a community of STEM learners; The evaluation Team.



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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.

Newly redesigned courses, learning support, and STEM activities for access and success integrated with current practice and services, including with MESA, Guided Pathways/College Redesign, Math Academy, STEM Internships, Salinas Valley Promise, and other equity-minded teaching initiatives.

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

Fiscal Year:			
Personnel Instructional			
Personnel Non-Instructional			
Operating			
Other			
Total	0	0	0

Budget Notes:

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: 04/08/2025

List faculty members involved in development:

Senorina Vazquez, Jennifer Moorhouse, Leticia Contreras, Miguel-Angel Manrique, and Nicholas Pasquale

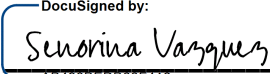
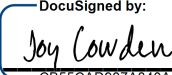
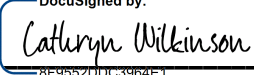


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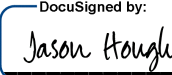
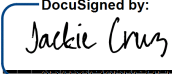
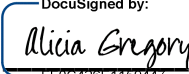
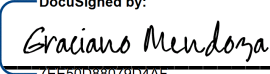
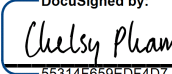
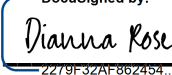
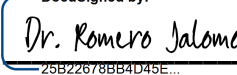
18. The proposed project supports the goals and objectives of Hartnell College

The following signatures are the responsibility of the Proposal Lead:

Support X	Do Not Support	DocuSigned by:  <small>AB490BEDB68F418...</small> Proposal Lead	02/16/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>CB55CAD987A840A...</small> Dean	02/21/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>8F9552DDC3964E1...</small> VP	02/23/2023 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 X	Do Not Support	DocuSigned by:  <small>9981D56969C8422...</small> Academic Senate	02/24/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>8DADC543DB574EE...</small> Vice President of Advancement and Development	02/24/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>FF0C426E115947...</small> Accounting Manager	02/24/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>7EE50D88079D4AF...</small> Vice President of Administrative Services	02/27/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>55314F659EDF4D7...</small> Vice President of Information Technology	03/13/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>2279F32AF862454...</small> Vice President of Human Resources	03/13/2023 Date
Support X	Do Not Support	DocuSigned by:  <small>25B22678BB4D45E...</small> Director/Vice President (as required)	02/27/2023 Date



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20 . Approval

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

Support

Do Not Support

X

DocuSigned by:

Michael Gutierrez

2535BA35663347C

Superintendent/President

03/13/2023

Date