Hartnell College - Office of Institutional Advancement
Grant Concept Form

March 2020

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

Title: Improving Learning Outcomes for All General Chemistry Students through Adaptive Hybrid Courses.

Website: https://opr.ca.gov/learninglab/

Abstract:

This project aims to improve learning outcomes, decrease achievement gaps, and optimize the balance between the online and face-to-face components in the General Chemistry course sequence. The intersegmental team of professors will use Open Learning Initiative (OLI) resources to provide active learning pedagogy deepening student understanding of curriculum through computer simulations. The team includes 5 Community Colleges, 1 University of California campus, and 1 California State University campus, who will collect data to determine the most effective instructional methods. The project will impact up to 10,000 students across the grant.

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2. Alignment with the College Strategic Plan and Feasibility

[Link to Hartnell College Strategic Plan]

50
____ % **Goal 1 -** Increase Student Completion

40
____ % **Goal 2 -** Increase Student Completion Efficiency

10
____ % **Goal 3 -** Increase Student Transfer to 4 Year Institute

0
____ % **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]
Academic and Service Excellence; Diversity, Equity, and Inclusion; Alliances; Innovation

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	4
2) Compelling need in college or community	5
3) Strong business/community/education partnerships	4
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: _27_____ **(Total should not exceed 30)**

List Accreditation Standards (i.e.; II.A.):   [Link to Accreditation Standards]
IIA.

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

This is not an institutional capacity building grant, rather it is designed to improve teaching and learning in chemistry.

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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.

This grant will colonize fairly new territory for grants at Hartnell. It is highly aligned with current needs under COVID closure.

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5. Grant Type		Due Date	
x	New		
	Continuation		
Funding Source		**Agency/Organization**	
Public: x State Federal		The California Education Learning Lab	
Private: Foundation Corporation			
Individual			

6. Fiscal Information - Fiscal Agent
x College   Foundation   Indirect Cost Rate:0   Grant Amount: 56,940

7. Does the proposed project require matching funds or in-kind contributions?
x No   Yes   If yes, explain: NA

8. Intellectual Property *Will the proposed project include the development of intellectual property?*
x No   Yes   If yes, explain: NA

9. Grant Timeline
Grant Start Date: 07/14/2020   Grant Ending Date: 7/15/2023

10. Proposal Lead

- Proposal Lead: Michael McCarthy
- Title: Faculty
- College Department: Chemistry
- Phone: 6005
- Email: mmcarthy@hartnell.edu

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| **11. Additional Partners** |
| *Will this project include other agencies?* |

No   x   Yes   If yes, explain: Mt. San Antonio College,

| **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.* |

No new positions will be created.

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

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

No new positions will be created.

13a. Facilities, Furniture and Equipment Resources to Support the Grant
What new and/or remodeled space will be needed? (e.g. offices, lab and activity space, etc.)
What furniture will be needed? (e.g. workstations for staff, tables, and chairs, etc.)
What equipment will be needed? (e.g. computers/laptops for staff, phones, etc.)
Please describe below and include estimated cost and source of funding:

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

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

NA

14a. Impact on Student Affairs and its resources?
What current resources will be used to implement this grant?
What new resources will be needed?

None

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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 research is anticipated, existing data sets may be used.

Software planned for this project is open resource and coordinates smoothly with Canvas.

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

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

NA

15. Budget Plan – over the term of the grant

	Grant	HCCD Match	Match Other
Personnel Instructional	54000		
Personnel Non-Instructional	0		
Operating	2940		
Equipment	0		
Indirect	0		
Total	56940		

Budget Notes:
The three chemistry faculty will incorporate the OLI courseware into upcoming chemistry 1 A/B courses, implement the project's interventions, contribute to course materials and resources, and provide feedback on the progress of the project.

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.

As software is open access, sustainability should be seamless.

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

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

Budget Notes:
none

17. Academic Senate - New Programs, Curriculum and/or Faculty
Does the proposal include new programs, curriculum, or faculty?

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

List faculty members involved in development:
Wendy Lampart
Michael McCarthy
Lawrence Yee

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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	Do Not Support	DocuSigned by: *Shannon Bliss for Michael McCarthy*	07/24/2020
X		DEF85D1F5AE3422... **Proposal Lead**	**Date**
Support	Do Not Support	DocuSigned by: *N/A*	07/24/2020
		05E3B95A6C4F480... **Dean**	**Date**
Support	Do Not Support	DocuSigned by: *Cathryn Wilkinson*	07/27/2020
X		8F9552DDC3964E1... **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	Do Not Support	DocuSigned by: *Cheryl O'Donnell*	07/29/2020
X		E80E80D7B7AA498... **Academic Senate**	**Date**
Support	Do Not Support	DocuSigned by: *Jackie Cruz*	08/04/2020
		8DADC543DB574EE... **Vice President of Advancement and Development**	**Date**
Support	Do Not Support	DocuSigned by: *[signature]*	08/04/2020
		33EC38DA7C054E0... **Accounting Manager**	**Date**
Support	Do Not Support	DocuSigned by: *[signature]*	08/06/2020
X		EB5ED6340A7C4DC... **Vice President of Administrative Services**	**Date**
Support	Do Not Support	DocuSigned by: *N/A*	08/06/2020
		05E3B95A6C4F480... **Director/Vice President (as required)**	**Date**

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

Support	Do Not Support	
		_____
		Superintendent/President **Date**