Proposal Approval Summary Form

This form must be completed, returned to the Grants Office, and reviewed by President's Cabinet before submitting a grant proposal. If you have any questions regarding this form or the proposal development process, please contact the Grants Office at grants@mtsac.edu.

Principal Investigator/Project Director

Name	Jaime Hooper	Department	Nursing
Email	jhooper1@mtsac.edu	Phone	909-274-5170

Other Project Collaborators

Name	Connie Kunkler	Department	HCRC/Tech & Health
Name		Department	
Name		Department	
Name		Department	

Funding Opportunity Details

Opportunity Name	Nursing Education Investment Grants Program
Sponsoring Agency	Foundation for California Community Colleges
Pass-through Entity (if applicable)	
Sponsor Type	☐ Local ☐ State ☐ Federal ☑ Private
Proposal Type	☑ New ☐ Renewal ☐ Resubmission ☐ Amendment
Submission Deadline	April 3, 2025, at 11:59 p.m.

Funding Amount	$160,154	Project Duration	2 years
Proposed Start Date	7/1/2025	Proposed End Date	6/30/2027

Does the opportunity require 501(c)(3) status?	☐ Yes ☑ No	If yes, the project team must coordinate the submission with the Mt. SAC Foundation.

Are indirect costs allowed? (check appropriate box)	☑ Yes ☐ No	Indirect Cost Rate (if applicable)	15% of total direct costs

Is match required? (check appropriate box)	☐ Yes ☑ No	Match Amount (if applicable)	
If match is required, how do you intend to satisfy this requirement?			

Project Summary

Use the following prompts to provide an overview of the proposed project. If desired, attach additional information to this form.

Project Description What need will the project address? What activities will be implemented?	This project will enhance its VR technology and develop and implement a variety of scenarios for Nursing and other allied health students to practice their skills. This will include hiring technical experts to provide additional support for simulation and VR equipment, developing in-house scenarios with live actors, purchasing avatar-based scenarios, and training faculty on the use of these innovative technologies. New VR and simulation scenarios may address topics such as suicide risk assessment, nursing fundamentals, and maternal-neonatal complications, among others.

Expected Outcomes What are the project's expected benefits/ outcomes?	In a simulated environment, students can practice their skills and improve self-efficacy in a variety of clinical scenarios. VR technology allows students to experience real-life situations in a safe environment, enabling them to learn and practice without risking any harm. These simulated opportunities provide students with opportunities to develop new health-related skills and knowledge, enhancing previously unlearned clinical skills, and participating in simulated clinical activities. This ensures that students receive hands-on, high-quality training that prepares them for clinical experiences and long-term job placements.

Partners If applicable, list partners and their roles in the project. Will Mt. SAC issue sub-awards?	While this funding source is designed to support the Nursing program, other allied health programs will benefit from grant activities, including Psychiatric Technician, EMT, Paramedic, Repiratory Therapy, and others that access the HCRC and VR/simulation equipment. This project does not involve external partnerships or sub-awards.

Budgetary Needs Describe the project's budgetary needs. For personnel, specify type(s). For faculty reassignment/ overload requests, specify the names and planned allocation of time.	The project's budgetary needs include faculty salaries at hourly noninstructional rate, professional expert wages, student wages, fringe benefits, supplies and materials to support VR production, VR headsets, contracted services for VR scenario development, travel/professional development, software, digital storage, and indirect costs. Also see attached draft budget spreadsheet.

Sustainability Plan What is the plan for continuing grant activities beyond the project period?	After successfully developing and implementing VR scenarios, the use of innovative technology can be sustained across the health programs. Expanding scenarios can be beneficial to all healthcare professions. Once scenarios are developed, the ongoing costs are minimal and include digital storage and monthly software subscription, which can be sustained through collaboration with various programs using their department budgets and/or funding through Strong Workforce or other categorical funding.

Assurances

☑ As the Project Lead, I acknowledge the responsibility associated with this role and will conduct the proposed project in accordance with the terms and conditions of the sponsoring agency and the policies of the College.

☑ If the proposal described herein is funded and accepted by the College, I will be responsible for meeting the requirements of the award, including, but not limited to, providing the proper stewardship of sponsored funds and submitting all required progress reports and deliverables on a timely basis.

☑ If sponsored funds are used for personnel, I understand that the College makes no ongoing commitment beyond the project period.

☑ Where funds are requested for lecture hour equivalents, I have reviewed this request with my Educational Administrator, and they support the reassignment/overload request.

Jaime Hooper Digitally signed by Jaime Hooper Date: 2025.03.21 10:29:13 -07'00'		Director, Nursing Program
Signature of Project Lead	*Date*	*Title*

Approval

Approvals represent general approval of details outlined in the project summary, but they do not represent specific approval of personnel titles, classifications, salary rates, or other issues governed by College policy and collective bargaining agreements.

Lance Heard Digitally signed by Lance Heard Date: 2025.03.21 10:37:41 -07'00'		Dean
Signature of Responsible Administrator	*Date*	*Title*
Kelly Fowler Digitally signed by Kelly Fowler Date: 2025.03.21 12:31:34 -07'00'		Vice President, Instruction
Signature of Responsible Vice President	*Date*	*Title*

Review by President's Cabinet

Date of Review	☐ Approved ☐ Conditionally Approved ☐ Denied

Comments	

DRAFT - Nursing Education Invesment Grants Budget Request

Personnel	Year 1	Year 2	Total
Faculty Facilitators to plan and write scripts for virtual reality (VR) scenarios: 5 facilitators x 48 hours/facilitator x $69.13/hour	$ 16,591	$ 16,591	$ 33,182
Technical Expert, Level III, to provide technical support and in-serving training for VR simulations: 48 weeks x 12 hours/week x $45/hour	$ 25,920	$ 25,920	$ 51,840
Total Personnel	***$ 42,511***	***$ 42,511***	***$ 85,022***

Fringe Benefits	Year 1	Year 2	Total
Faculty Facilitators: 19.1% California State Teachers' Retirement System, 1.45% Medicare, 0.05% state unemployment insurance (SUI), 1.31% workers' compensation (WC)	$ 3,635	$ 3,635	$ 7,270
Technical Expert: 3% alternative retirement plan, 1.45% Medicare, 0.05% SUI, 1.31% WC	$ 1,506	$ 1,506	$ 3,012
Total Fringe Benefits	***$ 5,141***	***$ 5,141***	***$ 10,282***

Supplies	Year 1	Year 2	Total
VR headset cases: 15 cases x $27.36/case	$ 410	$ -	$ 410
Supplies and materials to support VR production	$ 500	$ 500	$ 1,000
Total Supplies	***$ 910***	***$ 500***	***$ 1,410***

Equipment	Year 1	Year 2	Total
Headsets to operate VR software: 15 headsets x $600/headset	$ 9,000	$ -	$ 9,000
Total Equipment	***$ 9,000***	***$ -***	***$ 9,000***

Contractual	Year 1	Year 2	Total
VR scenario development	$ 16,000	$ 12,000	$ 28,000
Octobionic VR software support	$ 15,000	$ -	$ 15,000
Total Contractual	***$ 31,000***	***$ 12,000***	***$ 43,000***

Other	Year 1	Year 2	Total
Professional development for Simulation Technician	$ 5,000	$ 5,000	$ 10,000
Arbor XR: 12 months x $60/month	$ 720	$ 720	$ 1,440
Total Other	***$ 5,720***	***$ 5,720***	***$ 11,440***

	Year 1	Year 2	Total
Total Costs	**$ 94,282**	**$ 65,872**	**$ 160,154**