



# Program Review

## Purpose

*“Program review is the process through which constituencies (not only faculty) on campus take stock of their successes and shortcomings and seek to identify ways in which they can meet their goals more effectively. It is important to note here that the task of identifying evidence-based successful practices, and sharing these practices college-wide, is far more important than the negative perspective of trying to ferret out ineffective practices” – Academic Senate for California Community Colleges*

## Data Driven Decision Making

*Continual improvement  
Evaluation of program resource needs  
Fiscal stewardship and transparency  
Culture of evidence*

## Reporting Cycle

Program Review will be conducted every two years beginning Fall semester 2021.

Reporting Cycle Activities	Timeline
Program Review forms posted on the <a href="#">Program Review website</a> :	August 22, 2023
Data is available on the ORPIE website:	
<ul style="list-style-type: none"> <li><a href="#">Instructional Program Review Dashboard</a></li> </ul>	Available now
<ul style="list-style-type: none"> <li>Student Services Program Review Dashboard</li> </ul>	Coming August 28, 2023
<ul style="list-style-type: none"> <li>State comparison data may be found on <a href="#">Data Mart</a> or <a href="#">Cal-Pass Plus</a></li> </ul>	Available now
Program Review Office Hours and Data Support offered in a hybrid format in the Language Arts (LA) Room 115 and by zoom.	See the Program Review website schedule information.
Program Review draft due via Dynamic Forms.	Friday, October 6, 2023
Review and Feedback Steps to Finalize Program Review:	
<ul style="list-style-type: none"> <li>Step 1a: <b>Technical Review</b> by IEC (for all) and Academic Senate (for any that include a faculty request).</li> <li>See the technical review rubrics.</li> </ul>	Friday, October 6, 2023
<ul style="list-style-type: none"> <li>Step 1b: <b>Content Review</b> by Deans/Director. Feedback due to author.</li> </ul>	Friday, October 6, 2023
<ul style="list-style-type: none"> <li>Step 2: <b>Completed Revisions</b> submitted by author for final approvals by Deans/Manager and Vice Presidents. Final draft will address technical and content review feedback.</li> </ul>	Friday, November 3, 2023
<ul style="list-style-type: none"> <li>Step 3: <b>Final Program Review Approvals</b> by Deans/ Manager, Vice Presidents, and IEC. ORPIE will post final draft to the website.</li> </ul>	Friday, December 1, 2023
<ul style="list-style-type: none"> <li>Step 4: Funding Requests proceed through governance structure.</li> </ul>	
<ul style="list-style-type: none"> <li>Depending on the request either the Vice President or the IEC will assign the Program Review to the appropriate committee(s), including Planning Council for prioritization.</li> </ul>	Friday, December 1, 2023
<ul style="list-style-type: none"> <li>Committees forward recommendations to the Budget Committee</li> </ul>	Friday, December 1, 2023

• Faculty Hiring timeline:	
• Academic Senate Q&A	Tuesday, November 14, 2023
• Senator Ratings due	Friday, November 17, 2023
• Academic Senate – Special Meeting to Review Rankings	Tuesday, November 28, 2023
• Prioritized requests for faculty positions will be provided by the Academic Senate to the Executive Team	Wednesday, November 29, 2023
<ul style="list-style-type: none"> <li>▪ President makes final faculty decisions and reports to Senate at Special Meeting.</li> <li>▪ Based on approved faculty positions, faculty submit search committee membership and supplemental questions to HR and the Academic Senate.</li> </ul>	Tuesday, December 5, 2023
• Hiring committee participants appointed by the Academic Senate.	Tuesday, December 12, 2023
• The Budget Committee forwards all recommended non-faculty requests to the Executive Committee	Tuesday, December 12, 2023
• President announces all funded recommendations campus-wide	Monday, April 1, 2024

## AUTHOR INFORMATION

Employee ID (E# or C#):  First Name  Last Name   
Wing  Email Address  Office Phone

Dean/Manager First Name  Last Name  Email   
Vice President First Name  Last Name  Email

### Program Review - Draft

\*Program-Review-Instruction-Astronomy.docx

### Program Review - Final Submission

\*Program-Review-Instruction-Astronomy-FinalVersion.docx

This Program Review includes the following:

*Pick all that apply.*

Faculty Request

Facilities, Technology, Equipment Request

Classified Request

This Program Review includes the following:

*Pick all that apply.*

**If the answer was "Yes" but one of the following is not picked it will affect the form's workflow and you will have to resubmit.**

Faculty Request

Facilities, Technology, Equipment Request

Classified Request

Faculty Requests (up to 3)  
One upload per request

Faculty Upload1  
Faculty Upload2  
Faculty Upload3

Faculty Requests (up to 3)  
One upload per request

Faculty Upload1  
Faculty Upload2  
Faculty Upload3

Facilities, Technology or Equipment Draft Requests (up to 5)

Facilities, Technology or Equipment Update

Requests (up to 5)

FTE Upload1  
Program-Review-Request-for-Funding-2023-24-Facilities,-Equipment,-Technology,-Other-Funding-Astronomy-CelestialStarGlobe.docx  
FTE Upload2  
FTE Upload3  
FTE Upload4  
FTE Upload5

FTE Upload1  
FTE Upload2  
FTE Upload3  
FTE Upload4  
FTE Upload5

Classified Personnel Draft Requests (up to 3)  
One upload per request

Classified Upload1  
Classified Upload2  
Classified Upload3

Classified Personnel Updated Requests (up to 3)  
One upload per request

Classified Upload1  
Classified Upload2  
Classified Upload3

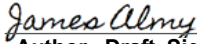
Supporting Materials (Optional)

Upload1 VWRQuotation\_8032238358 (002).pdf  
Upload2  
Upload3

Supporting Materials (Optional)

Upload1  
Upload2  
Upload3

...3230383234

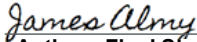


10/06/2023

Author - Draft Signature

Date

...3533333430



11/03/2023

Author - Final Signature

Date

Dean/Manager Draft Feedback

no concerns.  
Funding request is for Supplies and Not equipment. We can discuss this, but should use lotto funds for this expense.

FileUpload2

IEC Feedback

- Program's strengths- Include additional KPI discussion.  
- DEIA program support: Provide additional information. How did the faculty's training impact their course (e.g., pedagogy, instruction, class structure, etc.)  
- SLO: elaborate more on the results on how that lead to the weekly quiz decision.  
- The current Goal 1 metric measurement: Be specific about what you will track, i.e., what does achievement gap mean for your department.

FileUpload4

Program Review Rubric Upload

Academic Senate Executive Board Feedback

FileUpload1

Program Review Rubric Upload

Dean/Manager Final Feedback

FileUpload2

...3937363038

*Danny Johnson*

11/13/2023

Dean/Manager Signature

Date

Vice President Feedback

Empty text area for Vice President Feedback.

FileUpload3

...3430333033

*Kay Nguyen*

12/05/2023

Vice President Signature

Date

Downloaded to the following Committee Teams folder on:

-- Choose --

Empty text box for folder name.

...3535373035

*Lauren Davis Losenko*

12/11/2023

IEC Signature

Date

Dean/Manager -  
Feedback Signature

Electronically signed by Danny Johnson on 10/17/2023 2:33:41 PM

Academic Senate:  
Technical Review  
Signature

Signature not required

Academic Senate  
Signature

Signature not required

IEC: Technical Review  
Signature

Electronically signed by Jeannette Jaramillo Hernandez on 10/20/2023 4:41:17 PM



## Program Review Request Instruction

### Program Review Purpose

*“Program review is the process through which constituencies (not only faculty) on campus take stock of their successes and shortcomings and seek to identify ways in which they can meet their goals more effectively. It is important to note here that the task of identifying evidence-based successful practices, and sharing these practices college-wide, is far more important than the negative perspective of trying to ferret out ineffective practices” –Academic Senate for California Community Colleges, 2009*

### SUBMITTER INFORMATION

<b>First Name:</b>	James
<b>Last Name:</b>	Almy
<b>Email:</b>	<a href="mailto:jalmy@gwc.cccd.edu">jalmy@gwc.cccd.edu</a>
<b>ID:</b>	
<b>Phone Number:</b>	Ext 52150
<b>Who is your Dean/Supervisor?</b>	Danny Johnson
<b>Are you the Department Chair?</b>	Yes

### GENERAL PROGRAM QUESTIONS

<b>Name of Program</b> (Academic Programs should be listed per discipline):
Astronomy

<b>Please provide a brief description and any significant change in your program since the last Program Review cycle.</b>
<p>The astronomy program consists of two courses, Introduction to Astronomy and Introduction to Astronomy Lab. The Introduction to Astronomy course is intended to meet the needs of non-science majors who need to complete a science course for their major and have an interest in astronomy. The Introduction to Astronomy Lab course is intended to meet the needs of non-science majors by providing them an opportunity to meet their lab science degree requirement while gaining broad exposure to astronomy.</p> <p>We offered Introduction to Astronomy during the 2023 intersession. It was well-enrolled. Both Introduction to Astronomy and Introduction to Astronomy Lab will be offered during the 2024 intersession.</p> <p>One of the long-time instructors for this course is no longer teaching at GWC. While this necessarily</p>



## Program Review Request Instruction

leads to a loss of institutional familiarity and memory, it does provide the opportunity for fresh perspectives and approaches to teaching this course.

### **What are your program's strengths?** (Answers could include but not limited to KPI data)

Introduction to Astronomy Lab is the only lab class in our department that can be taught online, making it the most accessible of our lab classes. Introduction to Astronomy meets the needs of non-science majors by providing them an opportunity to meet their lab science degree requirement. Retention rates for the program have increased over the past three years.

### **What are the challenges for your program?** (If there are regulations or requirements for your program that require additional support, please note those here)

The astronomy courses typically have no full-time faculty teaching them, which leads to varying success rates due to differing expectations from different part-time faculty members and little coordination between sections. Finding competent astronomy instructors has proved difficult. Reducing the achievement gap for disproportionately impacted groups continues to be an issue.

### **Describe any trends and contributing factors related to enrollment, retention, and success for this past cycle.**

Enrollment was quite high in 2019-2020 and 2020-2021, but dropped significantly in 2021-2022. The cause for this drop is unknown. Success rates dropped significantly during the fall 2020 term, but have been steadily increasing since then. The reason for the fall 2020 decrease in success rates is unknown. Retention dropped significantly in 2020-2021, but has been increasing since then. The source of the retention decline in 2020-2021 is not known.

### **How does your department/program support the goals of diversity, equity, inclusion, and accessibility?** (Answers could include but not limited to gaps in success data, modality of course offerings, part/length of term (full-term, non full-term, etc.)

One of the part-time faculty who teaches in the program completed a professional development activity related to equitable teaching practices. For example, they learned about compliance regulations, including accessibility, that apply to online instruction and changed instructional materials to be in compliance with these regulations.

Introduction to Astronomy Lab is the only lab class in our department that can be taught online, making it the most accessible of our lab classes. Most of the Introduction to Astronomy sections are taught online in an asynchronous manner.

### **How does your department/program collaborate with other areas on campus to advance student success?**

The part-time faculty who previously taught the physical science course broached the idea of obtaining internships at local companies for science students with CTE.



# Program Review Request Instruction

**How does your department/program utilize technology to support student success?**

Technology is used extensively by the program. The classroom projectors and speakers are used for PowerPoint and video presentations. Canvas sites are used to disseminate course materials and announcements, for their gradebook capabilities, to facilitate student-to-instructor and student-to-student interactions via discussions, and for the assessment of students via quizzes. Simulations are extensively used for instruction. For example, all of the online Introduction to Astronomy Lab labs involve simulations. Laboratory equipment is used to provide students with hands-on exposure to the sorts of devices that astronomy relies on for its application, such as telescopes.

**Do any of the courses in your program have a CTE TOP code?**

No

## AWARDS

**What type of awards does your program offer?**

- Certificates
- Associate Degree
- Associate Dress for Transfer

**Please provide the information for the number of awards for Associate Degrees (CCI-approved), Associate Degrees for Transfer (State-approved), and Certificates of Achievement for this program. Please put N/A if an area is not applicable for your program.**

	3 years ago	2 years ago	1 year ago
<b>Certificates</b>	NA	NA	NA
<b>Associate Degrees</b>	NA	NA	NA
<b>Associate Degrees for Transfer</b>	NA	NA	NA

**Please comment on the trends for the number of awards. You may then comment on any other relevant information provided by the Office of Research and Planning, and Institutional Effectiveness (ORPIE).**

Introduction to Astronomy and Introduction to Astronomy Lab are the only two courses in this program, so there are no degrees or certificates awarded.

## FTES and FTEF



# Program Review Request Instruction

For the below questions, please provide your FTES (full-time-equivalent students, resident) divided by your FTEF (full-time-equivalent faculty). Please submit your rates from three years ago, two years ago, and this past year.

**Please note:** For programs with earned credit please use FTES (Res)/FTEF. For non-credit, please use FTES (Total)/FTEF.

	3 years ago	2 years ago	1 year ago (this past year)
<b>FTES/FTEF Ratio:</b>	1.13	0.98	0.84

**Outside of hiring new faculty or staff, please discuss the data trends above, and your plans for serving more students.**

Due to declining enrollment one of the Introduction to Astronomy sections that had previously been offered was canceled. Also, the return of on-campus instruction has decreased the efficiency of the program. The online Introduction to Astronomy classes have a larger maximum capacity (80) and a higher fill rate than the on-campus version (40 student maximum).

## CURRICULUM

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**After a thorough review of your courses in CurricUnet, with the assistance of your CCI representative, answer the following questions.**

If you do not currently have a representative on CCI, you may contact either:

Gary Kirby: [gkirbyjr@gwc.cccd.edu](mailto:gkirbyjr@gwc.cccd.edu)

Monica Jovanovich: [mjovanovich@gwc.cccd.edu](mailto:mjovanovich@gwc.cccd.edu)

**Do you have any courses that have not been updated to CCI, within the required timeframe (6 or more years for a transfer-level course, 3 years or more for a CTE course)?**

- Yes
- No

**Are there courses in your Program (Degree/Certificate) that have not been successfully offered since the last Program Review?** Please note, classes that were cancelled, they were not successfully offered)

- Yes
- No

**Do you have active courses that are not part of a degree or certificate?**

- Yes
- No

**Please indicate the name of the course(s) and the name(s) of the certificate(s) or degree(s) you intend to connect it to when you submit your revision to CCI.**

NA





## Program Review Request Instruction

### STUDENT LEARNING OUTCOMES

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**Do any of your SLOs use the exact wording as the course objectives?**

(SLOs should be written to reflect the course objectives while not using the exact same language as the course objectives).

- Yes  
 No

**How has your department/program utilized SLO (Student Learning Outcome) results to make changes or improvements to your Program?**

Students tailor their learning activities in order to do well on graded work, be that work assignments, quizzes, or exams. Instructors emphasize the importance of topics by selecting those topics for evaluation. If students are told that they'll be quizzed each week on data acquisition, they'll put more effort into developing their data acquisition skills. Since data acquisition skills were deemed an important learning outcome, weekly quizzes were implemented in order to emphasize the importance of data acquisition and incentive students to develop this skill.

### GOALS AND REQUESTS FOR FUNDING

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**Requests – If you are requesting any of the following, they MUST be addressed within your Department goals. These forms must be submitted separately from the Program Review.**

- Faculty
- Facilities, Equipment, Technology & Other
- Classified Personnel

**GWC Strategic Plan Goals Legend**

1. **Enrollment:** GWC will increase credit and noncredit enrollment while providing efficient academic programs and student services.
2. **Equity and Success:** GWC will support, enhance, and develop equity-minded services and academic programs that lead to student success.
3. **Completion:** GWC will ensure students' timely completion of degrees and certificates by providing high quality academic programs and student services.
4. **Workforce Preparation:** GWC will support student success by developing and offering academic programs and student services that maximize career opportunities.
5. **Facilities:** GWC will provide flexible, accessible, and sustainable learning environments that support the success of students, faculty, staff, and communities.
6. **Professional Development:** GWC will support the success of all employees by providing professional development opportunities that focus on the achievement of the College Goals.



## Program Review Request Instruction

7. **Communication:** GWC will effectively communicate and collaborate within the College and its communities.

### GOALS FROM PREVIOUS PROGRAM REVIEW CYCLE

*Please refer to your previous Program Review cycle and summarize all outcomes for each goal.*

#### **Summary and Outcomes of Previous Goals (from the last Program Review) including resource requests and if they were funded or not.**

The program had four goals for the previous program review cycle:

1. Improve our outreach activities.

While we have contacted the College outreach specialist regarding creating informational brochures describing our program and organizing on-campus outreach events, we've been unable to coordinate our schedules in order to accomplish anything substantive. We also planned to develop sets of science demonstrations for various age groups, but this work was meant to supplement on-campus outreach events and since no on-campus outreach events for various age groups were held, no progress on this was accomplished. Another aspect of our outreach work was the goal of identifying professional scientists, ideally individuals whose race, ethnicity, or special population status matches that of the groups we serve who are experiencing a disproportionate impact, willing to talk about their work on campus. This was accomplished, with our department partnering with the STEM Center to host speakers. The number of current and potential students who attended these outreach events was significant. One last action taken regarding this goal was the outfitting of the third-floor Math & Science display cases with items that better share the excitement and wonder that chemistry, physics, and astronomy can inspire. By better sharing the excitement and wonder of these programs, we hope to attract more student interest in them. This goal has been achieved.

2. Secure the quality of our stockroom operations.

A night stockroom manager was hired, dramatically decreasing the likelihood of turnover in this position. This goal has been satisfied.

3. Reduce the achievement gap observed in student success rates for Hispanic/Latinx students, the largest of our disproportionately impacted groups.

The Equity Squad had no advice for us regarding reducing our equity gaps. Part-time faculty who teach in the program completed professional development activities related to equitable teaching practices and altered their instruction in ways to include what they'd learned. Unfortunately, there has been an increase in the achievement gaps for Hispanic/Latinx students. This goal has not been accomplished.

4. Establish one or more partnerships with local businesses so that these local businesses see our students as their first choice for internships and jobs.



## Program Review Request Instruction

Little formal progress was made on this goal, mainly because the champion of this goal was a part-time faculty member who no longer works at GWC. Informally, however, several of our students have found positions with AQMD, a result of one of our faculty having a personal relationship with an AQMD employee. This goal has not been achieved.

### GOALS FOR CURRENT PROGRAM REVIEW CYCLE

*Current goals should be connected to GWC's Strategic Plan Goals.*

#### **GOAL 1 (Required)**

##### **Description of goal:**

Reduce the achievement gap observed in student success rates for Hispanic/Latinx students, the largest of our disproportionately impacted groups.

##### **What actions will be taken to accomplish the goal?**

We will continue pursuing professional development activities in order to learn relevant instructional techniques.

##### **What metric will you use to measure your goal?**

We will look for a reduction in the achievement gaps experienced by Hispanic/Latinx students. Specifically, we will look for reductions in the success rate percentage point gap (PPG) for Hispanic/Latinx students. The PPG compares the percentage in a particular outcome for a disaggregated subgroup to the percentage for all students.

#### **Which of the College's missions and goals does this goal support? (check all that apply)**

- Enrollment
- Equity and Success
- Completion
- Workforce Preparation
- Facilities
- Professional Development
- Communication

#### **GOAL 2 (Required)**

##### **Description of goal:**

Improve on-campus instruction in Introduction to Astronomy Lab.

##### **What actions will be taken to accomplish the goal?**



## Program Review Request Instruction

We will request the purchase of 30 celestial spheres, which will be used to provide students a 3-D visualization of celestial objects.

### What metric will you use to measure your goal?

The goal will be considered a success if it (1) leads to improved lab performance and (2) student satisfaction with their on-campus Introduction to Astronomy Lab experience.

### Which of the College's missions and goals does this goal support? (check all that apply)

- Enrollment
- Equity and Success
- Completion
- Workforce Preparation
- Facilities
- Professional Development
- Communication

### GOAL 3 (Required)

### Description of goal:

Improve the efficiency and organization of the stockroom.

### What actions will be taken to accomplish the goal?

The procedures used to prepare items necessary for experiments will be reviewed for their accuracy, ease of editing, and ability to be backed-up. The manner in which lab equipment is stored will be reviewed.

### What metric will you use to measure your goal?

Instructor satisfaction with the changes will be surveyed.

### Which of the College's missions and goals does this goal support? (check all that apply)

- Enrollment
- Equity and Success
- Completion
- Workforce Preparation
- Facilities
- Professional Development
- Communication



# Program Review Request Instruction

## OTHER INFORMATION

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**What additional information would you like to share about your program?**

Click or tap here to enter text.

**Submitter's Signature:** Click or tap here to enter text.

**Date:** Click or tap to enter a date.

### Supervisor's Review

As the supervisor of this program, I have reviewed this request.

- No concerns
- I have concerns

**Comments:** Click or tap here to enter text.

**Supervisor's Signature:** Click or tap here to enter text.

**Date:** Click or tap to enter a date.

**Vice President's Signature:** Click or tap here to enter text.

**Date:** Click or tap to enter a date.



# Program Review Request- Facilities, Equipment, Technology & Other

Golden West College

## FACILITIES, EQUIPMENT, TECHNOLOGY & OTHER FUNDING REQUEST

Submitter's First Name:	James
Submitter's Last Name:	Almy
Submitter's Email:	jalmy@gwc.cccd.edu
Submitter's Phone Number:	Ext 52150
Who is your Dean/Supervisor?	Danny Johnson
Are you the Department Chair?	Yes
Who is your Vice President?	Kay Nguyen
Program/Department:	Astronomy/Physical Sciences

### Type of Review:

Note: Library and Counseling should submit individual Program Reviews: one for Instruction and one for Student Services.

- Instruction
- Student Services
- Administrative

### Directions:

- Fill out the GOAL section, including narrative (required) and include supporting data (if necessary/desired).
- Fill out the REQUEST FOR FUNDING section, indicating a request for Facilities, Technology or Equipment, including description of the item(s) being requested and total dollar amount.
- Fill out one form per GOAL/REQUEST FOR FUNDING.

## GOAL

Description of Program's Goal (required):
<p>Improve on-campus instruction in Introduction to Astronomy Lab.</p> <p>The Celestial sphere for an astronomy class is almost like the Earth globe is for a geography or geology class. The location of all the celestial objects, such as stars, the Sun, moon, planets, constellations, galaxies, etc., are defined by coordinates in the sky, represented by a model called a celestial sphere. Also, the path of the Sun through the sky (ecliptic), location of zodiacal and other constellations, celestial equator, celestial north and south poles, etc., are defined on this model. Having a 3-D physical model and being able to interact with it makes understanding and visualization of these concepts much easier for students. There are several good lab exercises for a 3-D celestial sphere, but it can also be used in lecture classes to visualize the fundamental concepts that show up in early chapters of any astronomy course.</p>

Data to support the Program's Goal (if necessary/desired)
<p><a href="#">Data Dashboards</a></p> <p>If additional data is necessary/desired, fill out a <a href="#">Research Request</a> - May take up to 4 weeks</p>
<p>Click or tap here to enter text.</p>



# Program Review Request- Facilities, Equipment, Technology & Other

Golden West College

### What actions will the program take to accomplish this goal?

The program is requesting the purchase of 30 Celestial Star Globes. These Celestial Star Globes will be used multiple times each semester during the Introduction to Astronomy Lab.

### What metric will you use to measure this goal?

The goal will be considered a success if it (1) leads to improved lab performance and (2) student satisfaction with their on-campus Introduction to Astronomy Lab experience.

### Which of the College’s missions and goals does this goal support? (Vision 2030)

- Enrollment
- Equity and Success
- Completion
- Workforce Preparation
- Facilities
- Professional Development
- Communication

### Please describe how this goal supports the College’s missions and goals (Vision 2030).

Completion: GWC will ensure students’ timely completion of degrees and certificates by providing high quality academic programs and student services.

Funding this request will aid in the providing of a high-quality astronomy program.

## REQUEST FOR FUNDING

### Request: What do you need to accomplish this goal? (Mark one per request)

- Facilities (e.g. improvements/repairs to classrooms, offices and buildings)
- Technology
- Equipment
- Other (e.g. conferences, funding for professional development)

### Description of Item(s) / Cost

All requests must have a sales quote that includes:

1. Sales tax
2. Installation fee
3. Training fee
4. Service life agreement/fee

Please note: approved requests over 10k will need 3 quotes before purchase

Description of Item(s)	Total Dollar Amount Requested
30 Celestial Star Globes	\$2173.21



# Program Review Request- Facilities, Equipment, Technology & Other

Golden West College

Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.
Click or tap here to enter text.	Click or tap here to enter text.

**Do you have any existing funds in your budget to cover this expense? Please describe.**

Click or tap here to enter text.

**Will there be an on-going cost for this request? What is the total cost of ownership?**

No

**Supervisor's Review**

As the supervisor of this program, I have reviewed this request.

- No concerns
- I have concerns about this recommendation
- I believe department or wing funds exist to cover this request:  partial  full payment

**Comments:** Click or tap here to enter text.

**Supervisor's Signature:** Click or tap here to enter text.

**Date:** Click or tap to enter a date.

**Vice President's Signature:** Click or tap here to enter text.

**Date:** Click or tap to enter a date.

## OFFICE USE ONLY

**President's Recommendation:**

- Funding recommended
- Funding not recommended

**President's Signature:** Click or tap here to enter text.

**Date:** Click or tap to enter a date.



QUOTATION			
Quote Number	Valid From	Valid To	Page
8032238358	09/29/2023	10/29/2023	1 of 2
Currency	Sales Representative	Customer Reference	
USD	Debbie Potalivo		




To Place an Order	
Phone :	1-800-932-5000
Fax :	1-866-329-2897
Web :	www.vwr.com

Quote Prepared For	Contact Phone / Fax / E-Mail
Sean Suter	714-438-4685  ssuter@gwc.cccd.edu
Ship To :	Sold To :
80248646	80248646
GOLDEN WEST COLLEGE 15744 GOLDENWEST ST HUNTINGTON BEACH CA 92647-3103	GOLDEN WEST COLLEGE 15744 GOLDENWEST ST HUNTINGTON BEACH CA 92647-3103

When placing your order, please include your quotation number and account number to ensure you receive the correct price.

**THANK YOU FOR THE OPPORTUNITY TO EARN YOUR BUSINESS.**

Additional Information :
E & I contract

Row	VWR Catalog Number	Product Description	Qty	UOM	Unit Price	Extended Price
10	470324-780	12IN CELESTIAL STAR GLOBE	30	EA	63.60	1,908.00
		Celestial Star Globe Product Link : <a href="https://us.vwr.com/store/catalog/product.jsp?catalog_number=470324-780">https://us.vwr.com/store/catalog/product.jsp?catalog_number=470324-780</a> Shipping Dimensions Weight / Size (L*W*H) per UOM : 3.000 LB / 13.000*13.000*14.000 IN UOM Component Info : EA(1items) Availability : In Stock				
20	470230-182	SET OF SPECIFIC HEAT CYLINDERS	50	EA	28.02	1,401.00
		Specific Heat Cylinders Set Product Link : <a href="https://us.vwr.com/store/catalog/product.jsp?catalog_number=470230-182">https://us.vwr.com/store/catalog/product.jsp?catalog_number=470230-182</a> Shipping Dimensions Weight / Size (L*W*H) per UOM : 0.600 LB / 6.000*4.000*4.000 IN UOM Component Info : EA(1items) Availability : Product on Order. Estimated delivery date will be provided after order is placed				
30	470003-368	BLOCK WOOD 3X4X3/4IN	50	EA	2.26	113.00
		Blocks Product Link : <a href="https://us.vwr.com/store/catalog/product.jsp?catalog_number=470003-368">https://us.vwr.com/store/catalog/product.jsp?catalog_number=470003-368</a> Shipping Dimensions Weight / Size (L*W*H) per UOM : 0.128 LB / 4.000*3.000*0.600 IN UOM Component Info : EA(1items) Availability : Ordered Upon Request				

Item Total : 3,422.00  
Estimated Tax : 265.21  
Quote Total : 3,687.21



QUOTATION			
Quote Number	Valid From	Valid To	Page
8032238358	09/29/2023	10/29/2023	2 of 2
Currency	Sales Representative	Customer Reference	
USD	Debbie Potalivo		

Financing Available. Contact your VWR Representative for details about flexible financing programs.

VWR International's Terms and Conditions of Sale apply. A copy is available on our website ([https://us.vwr.com/store/content/externalContentPage.jsp?path=en\\_US/about\\_vwr\\_terms\\_conditions\\_product\\_sales.jsp](https://us.vwr.com/store/content/externalContentPage.jsp?path=en_US/about_vwr_terms_conditions_product_sales.jsp)), or by request. Customer represents that it has read and agrees to VWR International's Terms and Conditions of Sale.

Identified stock status is based on product availability at time of the quote and may change at time of order. Delivery dates are based on standard lead times from suppliers.

Charges displayed on the quotation including freight, tax and other charges are estimates and may vary at time of order.

Any images used are not necessarily representative of any product offering from VWR International and do not constitute the basis for purchase decisions.

Customer is responsible for unloading and providing standard receiving facilities for large and/or heavy shipments. Special unloading or delivery can be arranged, provided VWR International is notified at the time of order placement. For such arrangements, please contact VWR International for a quotation. All quotes for installation assume that services related to the equipment are in place at the Customer site (including, but not limited to, gas, plumbing, electrical and ventilation) as per the equipment manufacturer's specifications prior to the installation of the equipment. Installation or other services are not included in this quotation, unless otherwise noted on the quotation.

Customer has a limited amount of time to document and report any shipping damage. Please inspect all shipments upon receipt and refer to Section 4 of VWR International's Terms and Conditions of Sale for additional information.

Items prefixed with "MISC" are subject to regulatory approval once VWR International receives acceptance from the customer. They are special order, and as such may not be returnable. Please allow 6-8 weeks delivery from the time of your first order or acceptance of this quotation.