



Water Resources Management - Division 50 - Career Technical Education - Water Resources Management

Main

Overview

Academic Year 2024 - 2025

Originator Miettinen Ames, Catherine

Division Division 50 - Career Technical Education

Department Water Resources Management

Programs

Co-Contributors

Questions? Find answers in [CurricUNET User Manual](#).

Contributor

Open the Form Properties to select co-contributors and assign permissions.

Annual Update

1. Academic Year 2024 - 2025

New Goal

Increase the number of students who participate in WTRM internships.

End of Year Status In Progress

Please describe your status (No more than 200 words)

Currently, the students have experience of mock job interviews and resume writing that has been embedded into several courses and continues to date.

Progress has been made with getting the Gavilan Water Apprenticeship DAS approval to allow for more internships. See goal "Facilitate the logistics of the Water Resource Management Apprenticeship Program (grant)" for status

Additionally, the Lead Faculty has proposed an *Evening Job Fair Workshop* that will directly connect students with employers actively seeking skilled workers in these fields, thereby aligning education with workforce needs and improving student job readiness. To support the startup costs, a proposal uses the Perkins V Non-Traditional Careers and Training (Grant) Plan, which Dean Chacko is supporting.

Planning

Night Job Fair events are intended to provide invaluable learning experiences, practical training, and real-world career connections for our non-traditional student population and create internships.

Overview of the Night Job Fair may include:

- **Evening Job Fair Events** connecting students to industry employers
- **Industry Panels** discussing current trends, job roles, and skills required in Water Resources
- **Workshops** on soft skills, including resume writing and interview preparation
- **Networking opportunities** with industry professionals and alumni

Proposed Activity to Achieve Goal Create a Night Job Fair

Responsible Party WTRM Department & Gavilan Outreach

Total Three Year Resource Allocation Request 5

Timeline to Completion Month / Year 06/2030

How Will You Evaluate Whether You Achieved Your Goal 06/2026

Additional Comments

2. **Academic Year 2024 - 2025**

New Goal

Complete the assessment of all PLOs for the WTRM degrees and certificates, map them, and align them to the ILOs.

End of Year Status In Progress

Please describe your status (No more than 200 words)

The Water Resources Management Degrees and Certification have begun and that streamlines the certification program and shall ultimately allow for effective pathway alignment.

Currently, the WTRM degrees and certifications have been mapped and awaiting final review, based off of email by James Ghiorzi (Curriculum Specialist - CurriQunet) as of 4/22/25:

- Water Environment (A.A. Degree) - submitted to COCI waiting for approval.
- Water Environment (Certificate of Achievement) - will submit as soon as board approves.
- Water Resource Management (A.A. Degree) -Degree is active, but modification has not been submitted yet as COCI is down until the 31st of March. Will submit after that date. Unfortunately approval will take more time than you have.
- Water Resource Management (Certificate of Achievement) - Certificate is active. - Degree is active, but modification has not been submitted yet as COCI is down until the 31st of March. --

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Planning

Once degrees and certifications have been fully approved. The MAC has noted on their agenda for the following: **Timeline for mapping SLOs to PLOs and ILOs** (CurriQunet can help with this! Some of it is already embedded at the curriculum level. They can help us systematize intentional mapping (what I mean by that is, they can create some magic inside our Gavilan CurriQunet "website" that can report on which courses have been mapped to which PLOs and ILOs....)

Proposed Activity to Achieve Goal Work with CurriQunet to achieve the goals

Responsible Party MAC

Total Three Year Resource Allocation Request 5**Timeline to Completion Month / Year** 06/2030**How Will You Evaluate Whether You Achieved Your Goal** Will be completed during the 5 year updates**Additional Comments**3. **Academic Year 2024 - 2025****New Goal**

Complete the SLO assessments for all courses that have been taught and have not been assessed, including mapping them to the PLOs and ILOs

End of Year Status In Progress**Please describe your status (No more than 200 words)**

The FT Faculty has joined the Meaningful Assessment Committee (MAC) that has been creating training and informational materials for the SLO & Assessment Handbook, so faculty may complete this goal.

Planning

For many years, SLO reporting software has been down for the last few years, which has made it difficult for Gavilan Faculty to consistently assess and track student learning outcomes (SLOs) at the college level. Currently, CurriQunet, is now fully functional at this time. To support everyone in getting back into the swing of assessment, the MAC Committee is inviting all faculty to attend *Assessment Parties*. These events are designed to give you a dedicated space and time to complete your assessments with colleagues, enjoy some refreshments, and get help troubleshooting any CurriQunet questions that might come up.

Proposed Activity to Achieve Goal Attend Assessment Party**Responsible Party** Lead Faculty**Total Three Year Resource Allocation Request 1****Timeline to Completion Month / Year** 06/2030**How Will You Evaluate Whether You Achieved Your Goal** By inputted into within the 5 year update**Additional Comments**

Each time a course is required for their 5-year update, SLO assessment should be included.

4. **Academic Year 2024 - 2025**

Previous Goals Facilitate the logistics of the Water Resource Management Apprenticeship Program (grant) with budgeting and funding.

Proposed Activity to Achieve Goal:

Hire Grant assistant who has knowledge and understanding of the logistics of the Apprenticeship program funding.

Responsible Party:

Dean

Total Three Year Resource Allocation Request:

75000

Timeline to Completion Month / Year:

12 / 2024

How Will You Evaluate Whether You Achieved Your Goal:

Budgeting and payment invoices will be completed and submitted to the state in a timely manner.

End of Year Goal Status In Progress**Please describe your status (No more than 200 words)**

Emily Courtney of Good Green Work (GGW) was contracted to assist Gavilan College WTRM Apprenticeship Program to address identifying all relevant local employers, establish productive working relationships to support the placement of students into apprenticeships once registered with the DAS. GGW will support collaboration with the LEA to develop a DAS registered pre-apprenticeship to form a strong recruitment pathway into Gavilan WTRM apprenticeship program.

Did you request the same resources the previous year? If so, what was the result? Has there been a significant change since your request?)

Was hired and will continue as stated per contract.

Planning

GGW has been assisting to get DAS standard approval.

Additional Comments**Resource Requests**

Click Add Item to Enter a Resource Request

1. 1. Request Name (short title)
2. Request amount
3. Type of Request
4. Alignment to Goal(s)
5. Is this a one-time or ongoing expense.
6. Category of Request (Select all that apply).
7. The committee will separate goals with resource requests. Requests will be categorized into two groups: those to be ranked and those not ranked. The requests not ranked include Safety, Compliance, Personnel, and Position. Which of the following best describes your requests?
8. Provide a complete description, justification, or rationale for the requested amount. Describe how it aligns to the selected goal(s) and your responses to the above questions. (300 words)

Executive Summary

Please provide a brief executive summary regarding program trends and highlights that surfaced in the writing of this report. Summarize, using narrative, your program goals for this year. Your audience will be your Peer Review Team, the program review Committee, President's Cabinet, Dean's Council, ASGC, Academic Senate, Budget Committee and Board of Trustees (300 words or less).

The full-time faculty member who has knowledge and understanding of the Gavilan Water Resources Management program is essential. Gavilan College actively engages, empowers and enriches students of all backgrounds and abilities to build their full academic, social, and economic potential. Gavilan's Water

Resources Management (WRM) program addresses severe shortages of water/wastewater technicians, and improves equity for women and students of color in the industry. There is a growing shortage of trained water management technicians throughout the State of California. Water/wastewater systems, both municipal and industrial, are critical to the health and economic vitality of California (ASCE, 2021). Gavilan's Water Resource Management program offers the only comprehensive academic water resources management program in the Bay Area, delivered in a variety of modalities such as: online, hybrid and/or classroom/lab instructions. Pairing on-the-job training with classroom instruction, through internships and apprenticeships, will help meet the industry's need for skilled workers.

Attach Files

If there is any additional information regarding your program that you will like to have uploaded, please attach it here.

Attached File