

Summer Bridge 2024 Faculty: STEM/Math Pathways

District Directed

Applications are being solicited from STEM full-time or part-time faculty members to support the Summer Bridge program. The timeline for completion of this project includes coordination, planning, and preparation meetings in May and facilitating STEM/Math preparation and material review to a cohort of students June 17-July 3, 2024, and/or another cohort from July 8-July 25, 2024. Up to five (5) faculty members will be selected to be paid one (1) unit (43.75 hours) per cohort.

Description and Rationale for Project:

Many students come to COM needing additional preparation to be successful academically. Summer Bridge is a successful program, in its tenth summer at COM that targets incoming low income and first generation, first-time college students (with trending higher representation among Latinx and African American students) for intensive review, tutoring, and counseling in order to improve college readiness and enhance the students' transition to college. The structure is participation in a 1 unit counseling course with concurrent, 3 week preparation in English and STEM pathways. The STEM component will be 8-10 hours of instruction per section or 3-4 hours week for three weeks per class.

Additional goals include preparing more students for increasing students' confidence in college ability and study habits, connecting students to campus resources, faculty, and facilitating a positive learning community.

Scope of Work:

The faculty members responsible for facilitating STEM/Math preparation and material review will:

- Work closely with Summer Bridge planning group and specifically, the Summer Bridge STEM Coordinator concerning delivery of instruction, services, and curriculum focused on STEM pathways and STEM/Math preparation
- Utilize available curriculum, and educational tools, to effectively engage the students in content, practice, and appropriate support to advance educational capacity and confidence
- Provide direction to tutor(s) and/or peer mentor(s)
- Cover STEM/Math Preparation Topics, such as
 1. Different Math Pathways/Options
 - a. STEM, Business, Other Math Pathways
 - b. STEM careers
 - c. Math transfer requirements
 2. Why math is important (critical thinking, life skills, etc)
 3. COM professors as Guest speakers from BSTEM and Math 115 COM professors
 - a. Connection to STEM Resources
 - b. STEM/MESA learning community
 - c. Math lab and tutoring center

Product:

Intensive STEM/Math preparation review from June 17-July 3, 2024, and/or another cohort from July 8-July 25, 2024, for approximately 35 students per assigned cohort each set of dates.

Eligibility Requirements:

- Full time or part time faculty status with a Spring 2024 teaching assignment at College of Marin
- Experience and demonstrated interest in STEM/math pathways and student support services
- Demonstrated sensitivity to and an understanding of the diverse academic, socioeconomic,

cultural, ethnic, and accessibility-related backgrounds of community college students and the campus community.

Compensation:

- **Five SB Math Instructors:** 1 unit each for each SB cohort

Application Procedure:

1. Please send a letter of application (500 words or less) to Sarah Anderegg (sanderegg@marin.edu), describing your interest and qualifications for this position.
2. **Applications must be received by April 19, 2023.**

Criteria Used to Evaluate Applications (8.4.5):

UDWC shall evaluate applications using some or all of the following criteria with points awarded using the scale indicated:

1. Mandatory criteria that every application must meet to be approved:
 - a. The proposed cost and probable availability of personnel, equipment, supplies and/or operational support will be available.
 - b. The project activities will not adversely affect the discipline or department budget, facilities or schedule.
 - c. The applicant has adequate experience and/or training to carry out the proposed project.
 - d. The applicant has notified the department chair of the application.
 - e. Compensation is commensurate with the scope of work. If not, UDWC may approve lower units/hours than requested. This criterion does not apply to externally-funded activities (Category II) where the District is not providing funding.
 - f. The unit member is not receiving compensation or funds from other sources for the same work/project. This criterion does not apply to externally-funded activities (Category II) where the District is not providing funding.
2. The problem or need addressed has been adequately thought out and described (0-10 points).
 - a. The problem or need addressed is in support of one or more of the college's goals and objectives (0-7 points).
 - b. The project activities are likely to contribute to instructional effectiveness (0-10 points).
 - c. The project activities are likely to increase student learning and/or retention (0-10 points).
 - d. The project activities are likely to encourage the adoption of instructional, learning or technical innovation(s) at the discipline, department and/or instructional levels (0-7 points).
 - e. Number of years since last award to recipient: 5 years or never awarded = 5 points; 4 years = 4 points; 3 years = 3 points; 2 years = 2 points; 1 year = 1 point; less than 1 year = 0 points.

Application Recommendations (8.4.6):

The UDWC shall make one of the following recommendations based on majority decision for applications for overload, reassigned time, reduced load, or stipend:

- a. Approve – UDWC will forward recommendations for approval to the Superintendent/President.
- b. Request revision of application – UDWC may recommend the applicant revise their application. UDWC will inform the applicant of its reasoning for the request.
- c. Deny – UDWC may deny applications. If UDWC does not, by majority decision, approve or decide to request revision of an application, the application shall be denied. Upon the request of a unit member whose application is not approved, UDWC will provide an explanation.