

Marine Advanced Technology Education (MATE) Center Partnership Agreement

I Objective

This agreement, between _____ and the MATE Center at Monterey Peninsula College, provides a framework for cooperative activities of mutual interest between the institutions. Signatories to this Partnership Agreement Form (herein referred to as 'member institutions') have agreed to procedures for cooperation as defined in this document. Signatories agree that this cooperation will benefit their institution and will support the mission of the MATE Center.

II The MATE Center

The MATE Center was established with funding from the National Science Foundation (NSF) in September 1997, under the auspices of Monterey Peninsula College. The Center was established as one of several National Centers of Excellence, funded under the NSF Advanced Technological Education (ATE) program (Division of Undergraduate Education). Two major goals of all ATE projects and Centers are:

- 1) To improve science, math and technology education in the United States and;
- 2) To improve and increase the Nation's technical workforce through industry and education partnerships. The ATE program's primary focus is on 2-year colleges, with strong collaborations across all levels of education.

The MATE Center is a national consortium of organizations and individuals concerned with the broad field of marine science and technology and the education of people to work in that field. The Center is coordinating and facilitating the development of a national program for marine technology education involving community colleges, technical schools, 4-year colleges and universities, and high schools. The MATE Center emphasizes collaborations between educational institutions and industry, military, government, research, and labor organizations. These collaborations facilitate the development of courses and programs based on industry-established guidelines. This provides students with both academic knowledge and technical skill. Additionally, these collaborations allow for the development of an educational system that meets the needs of employers and students, is flexible, and provides employers direct access to students.

A major goal of the Center is to heighten the awareness of marine-related careers and provide students, educators, workers, and employers with up-to-date information to assist them in making informed choices concerning their future.

MATE Center Mission:

The MATE Center's mission is to help prepare America's workforce for ocean-related occupations utilizing information from employers and other stakeholders to improve and develop educational programs with a focus on marine technology. This will be

accomplished through collaborations between educational institutions, employers, and the existing technical workforce.

MATE Center Guiding Principles:

- ▶ High schools, community colleges, universities, and employers need to work together to create a clear and efficient educational pathway to careers.
- ▶ Diversity in the marine science and technology workplace should be valued and expanded.
- ▶ The educational environment should simulate the high performance workplace.
- ▶ So workers can adapt to a continually changing workplace, educational programs must provide a broad foundation in science, technology, engineering, and mathematics.
- ▶ Both employers and students benefit from increased awareness of and access to marine science and technology programs and careers.
- ▶ Close collaborations between faculty, students, and working professionals result in students better prepared for the workplace.

Major Goals of the MATE Center

- ▶ Support institutions interested in developing or improving marine technology programs.
- ▶ Strengthen and expand industry, academic and professional society partnerships.
- ▶ Research, synthesize, and disseminate high quality marine workforce information and help partners align their curricula and programs with workforce needs.
- ▶ Conduct regional and international ROV (remotely operated vehicle) competitions that simulate the high performance workplace and build academic and industry partnerships.
- ▶ Offer faculty development institutes for high school, college, and university educators.
- ▶ Provide students from across the country with shore-based and at-sea technical experiences
- ▶ Disseminate MATE products, including curricula, textbooks, occupational guidelines, competencies, and process guides both in traditional formats and electronically through the Center's web site.

III Member Institution Agreement

Member institutions of the MATE consortium are diverse, and may include private and public colleges and research institutions, high schools, private industry, non profit organizations, state and federal government agencies, and labor organizations.

A. Benefits to MATE Educational Institution Members

This Agreement adds value by demonstrating commitment to common goals and principles. Collectively, the membership of MATE can achieve progress toward minimizing barriers and maximizing flow of people, funds, and information between members. The MATE membership can be influential as a group in voicing concerns, and in disseminating ideas and models. Benefits include:

- Access to information collected and disseminated by the MATE Center.
- Access to curriculum modules developed by other members.
- An opportunity to engage in and direct specific projects related to the Center’s mission.
- Increased communication with educational institutions developing or offering marine related programs.
- Increased communication with and access to employers, employees and Professional Societies in marine fields.
- Participation in a National effort sponsored by the National Science Foundation to improve marine science and technology education.
- Increased opportunities for collaborative projects, including fundraising and grant writing, achievable only through pooling of talent and abilities.

B. Member Institutions shall agree to the following (as appropriate):

1. Share information, and contribute to the MATE national database. Examples: curricula, local industry information, assessments, and faculty development models.
2. Uphold the MATE Center guidelines and mission to enhance and/or improve technical education, especially as it relates to the marine workforce.
3. To the extent possible, acknowledge the MATE Center and the National Science Foundation in all products, deliverables, and materials produced as a result of working with the MATE Center, or obtained through the MATE Center.

C. The MATE Center will:

1. Develop processes and guidelines to facilitate interaction with stakeholders.
2. Make available information collected from stakeholders.
3. Develop curricula, and industry guidelines for curricula.
4. Develop guidelines for assessments.
5. Maintain an up-to-date website for member use and information dissemination.
6. Publish newsletters, brochures, and other promotional materials. These materials may be used by partners to publicize their efforts and programs.
7. Build national collaborations to gain support and build recognition of the Nation’s marine science and marine technology related academic and occupational programs.

D. Examples of activities under this agreement

- Work to create ‘MATE’ students and ‘MATE’ programs that have national recognition.
- Actively engage in a coordinated process to incorporate industry guidelines into curriculum and program development.
- Incorporate hands-on workplace experience such as internships and Co-op experiences into MATE curricula and programs.
- Emphasize strong academic skills, interpersonal skills and SCANS competencies in MATE programs.

- Emphasize strong technical skills, as identified by industry, in MATE programs.
- Form strong regional industry/employer relations, including advisory groups
- Track ‘MATE’ students and provide the Center with information regarding student success. This includes college placement, institutional transfer, job placement, job advancement, and longevity on a job.
- Host and/or coordinate technical internships for faculty and students
- Develop partnerships with academic institutions such as high schools, 2-year institutions and universities to ensure regional academic collaborations and student transferability. Included here could be:
 - a. Agreements for joint enrollment of students.
 - b. Academic articulation agreements to ensure transferability of credits between institutions (seamless transition for students).
 - c. Pathways (such as in high school) to prepare and track students into marine science and technical careers and related fields.
 - d. Agreements for shared equipment and facilities between institutions.

All institutions acknowledge that they will comply with all applicable state and federal laws and regulations including FERPA.

IV Continued Membership

The MATE Center has the discretion to determine if signatories to this agreement may continue membership in the MATE consortium.

SIGNATURES

Partner College Representatives

Faculty representative

Administrative representative

MATE Center and Monterey Peninsula College representatives:

Deidre Sullivan,
Director, MATE Center

Joseph G. Bissell, Vice President of
Administrative Services, MPC

Michael Gilmartin, Dean of Instruction,
Occupational and Economic Development, MPC