



### **ABOUT THE PROGRAM**

The Naval Oceanographic Office (NAVOCEANO), International Hydrographic Management and Engineering Program (IHMEP) provides practical, professional training in hydrographic survey management and engineering. This six-month course has received the International Federation of Surveyors/International Hydrographic Organization Advisory Board on Standards of Competence for Hydrographic Surveyors Category B certification.

### **PROGRAM ORGANIZATION**

Based on 30 hours of classroom training and practical field projects per week, the program provides students with a working knowledge of hydrography through practical training in mathematics, computer science, the physical sciences, geodesy, the Global Positioning System, hydrography, oceanography, meteorology, nautical cartography, photogrammetry, remote sensing, resource management, and Law of the Sea.

### **STUDENTS**

The course is designed for 16 students and is open to both military and civilian personnel. Students attend

classes in civilian clothing. Military uniforms are required only for orientation and graduation exercises.

### **FACULTY AND STAFF**

IHMEP faculty and staff are highly qualified personnel with education and experience in the subjects they teach. In addition to NAVOCEANO employees, professors from local colleges and universities and representatives from other Government agencies provide the expertise needed to teach the courses.

### **LOCATION**

Classroom instruction is held at the NAVOCEANO training facility at the Naval Construction Battalion Center (NCBC), Gulfport, Mississippi. Gulfport is centrally located along the Mississippi Gulf Coast approximately 70 miles (113 km) east of New Orleans, Louisiana, and 65 miles (105 km) west of Mobile, Alabama. Fieldwork is conducted along the Mississippi Gulf Coast and in the Mississippi Sound. NAVOCEANO's main facilities are located at Stennis Space Center (SSC), Mississippi, approximately 40 miles (64 km) east of New Orleans, Louisiana, and 35 miles (56 km) west of Gulfport, Mississippi.

### **LIBRARIES AND OTHER FACILITIES**

A technical support library is available in the classroom facility. There is a public library at the NCBC to support general reading requirements and Internet access. There are several public libraries in nearby cities along the Mississippi Gulf Coast. The Matthew Fontaine Maury Library at SSC is a full-service, technical library with an extensive reference section, atlases, current magazine subscriptions, and over 160,000 books, periodicals, and reports.

Student housing is at the NCBC Bachelor Officers Quarters. A Navy Exchange and Commissary are located on the installation for shopping convenience. Local shopping centers are readily available and easily accessible. A modern gym and fitness center is also available.

### **TRANSPORTATION**

NAVOCEANO provides transportation for field projects and official duties during the week. On weekends, transportation is provided for official trips. Temporary transportation for personal needs can be acquired through local automobile rental agencies. Commercial bus and taxi transportation is readily available in Gulfport.

### **RECREATION**

The Sponsor Program and the Informational Program are an integral part of the IHMEP. These two programs offer students many opportunities to gain an understanding of American culture, institutions, and ideals through special functions, field trips, and personal interaction with the sponsors. Many recreational activities are found along the Mississippi Gulf Coast including fishing, boat rentals, restaurants, theaters, and public beaches and parks.

## ADMISSIONS STANDARDS

Prospective students must have successfully completed college level differential calculus, trigonometry, and first-year physics. In addition, students should have some knowledge and experience in maritime navigation and electronics.

Students from non-English speaking countries must have an English comprehension level of at least 70%.

## APPLICATION PROCEDURE

Applications to attend the program should be sent to the Office of Defense Cooperation (ODC) located in the prospective student's country. In those countries where there is no ODC, the request should be directed to the U.S. Naval Attaché at the U.S. Embassy. The course is listed in the Military Articles and Service Listing (MASL) under the title Hydrographic Management and Engineering Program and MASL number P-169208 or Course Identification Number S-8G-0500.



### Mailing Address:

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# International Hydrographic Management and Engineering Program (IHMEP) Category B Certification

