CERTIFICATE
MARINE TECHNOLOGY
MARINE TECHNOLOGY BUSINESS

Program Description

The Marine Technology curriculum is designed to provide a strong theoretical base for employees of the inland marine industry. The program introduces students to basic inland marine principles and concepts by applying contemporary skills in a variety of employment positions based on industry needs. It provides students with a strong foundation of managerial and operational knowledge by using a problem-solving approach in state-of-the-art classroom and work experience environments. It builds leadership, management, communication skills, and professional ethics, which serve as a foundation for future development and career success. The program contains core technical courses and advanced courses in each specialization to address the employment needs of the domestic market.

Home College

West Kentucky Community & Technical College offers this degree.

WKCTC must be designated as your Home College because only a Home College can confer a degree. Even though the classes will be delivered by different KCTCS colleges, the Home College will admit you and take care of all of your student service needs including advising, library services, billing, financial aid, etc.

Getting Started

You may request KCTCS classes online at http://www.kyvc.org or you may register directly at any KCTCS college. Your request for classes through KYVC will go to the college you designate as Home College and the Registrar at the Home College will enroll you for classes once all admission requirements have been met. Additional information about KCTCS admission requirements and college contacts may be accessed at http://www.kctcs.edu/Students/LearnByTerm.aspx.

Marine Technology – Marine Technology Business

Upon completion of the Marine Technology Business Certificate, the graduate can:

1. Demonstrate basic computer skills to operate marine software applications.
2. Describe the jobs and responsibilities of personnel working in the marine industry.
3. Communicate both written and verbal information pertinent to marine operations.
4. Identify the different navigable river systems of the United States.
5. Discuss the background of various modes of transportation.
6. Explain how different modes of transportation collaborate to transport cargo.
7. Apply business, finance, and management principles to their daily operations either shore-side or aboard a vessel.

Course Description

Here is a listing of the classes involved in this degree. There may be additional courses that meet these requirements. Please check the current course catalog and online class schedule for additional information and offerings.

Curriculum Framework:

Marine Technology – Marine Technology Business

Course Prefix	Course Number	Course Title	Credit Hours
ENG	101	Writing I	3
MAT	116	Technical Mathematics	3
GEO	251	Weather and Climate	3
GEN	140	Development of Leadership	3
		Heritage/Humanities	3
		Subtotal:	15
Marine Technology Business Certificate:			
Course Prefix	**Course Number**	**Course Title**	**Credit Hours**
		Computer Literacy	0-3
BAS	160	Introduction to Business	3
BAS	283	Principles of Management	3
BAS	293	Principles of Finance	3
BAS	289	Operations Management	3
MRN	208	Inland River Systems	3
MRN	209	Applied Marine Operations	3
MRN	210	Intermodal Transportation	3
		Certificate Total:	21-24

APPLICATION: http://www.kctcs.edu/students/admissions/apply_online.aspx
CALENDAR: http://www.kctcs.edu/Students/LearnByTerm/Calendar.aspx
CONTACTS: http://www.kctcs.edu/Students/LearnByTerm/Learn_By_Term_Advisors/College_Contacts.aspx
COURSES: http://www.kctcs.edu/Students/LearnByTerm/Online_Courses.aspx
FINANCIAL AID: http://www.kctcs.edu/Students/Costs_and_Financial_Aid.aspx
GETTING STARTED: http://www.kctcs.edu/Students/LearnByTerm/Getting_Started.aspx
STUDENT TUTORIAL: http://www.kctcs.edu/Students/LearnByTerm/Tutorials.aspx
KCTCS COURSES AVAILABLE AT KYVC: http://kyvc.org/

Dates of Actions:

Approved: May 2009