



LEARN BY TERM

CERTIFICATE MARINE TECHNOLOGY MARINE INDUSTRY

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 Industry Certificate

Upon completion of the in Marine Industry Certificate, the graduate can:

1. Demonstrate basic computer skills to operate marine software applications.
2. Describe the job and responsibilities of personnel working in the marine industry.
3. Demonstrate a working knowledge of the equipment found aboard a towing vessel, as it relates to the daily operations of the vessel and tow.
4. Comply with marine industry regulations and OSHA safety standards to prevent marine accidents and casualties with personnel and property.
5. Identify the federal environmental regulations that the crew must follow.
6. Identify the navigable river systems of the United States.

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 Industry

<u>Course Prefix</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Credit Hours</u>
ENG	101	Writing I	3
MAT	116	Technical Mathematics	3
GEO	251	Weather and Climate	3
GEN	140	Development of Leadership Heritage/Humanities	3
Subtotal:			15
Marine Industry Certificate:			
<u>Course Prefix</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Credit Hours</u>
		Computer Literacy	0-3
MRN	100	Introduction to Marine Technology	3
MRN	101	Anatomy of a Towboat	3
MRN	102	Basic Marine Safety	3
MRN	203	Environmental Protection Rules	3
MRN	208	Inland River Systems	3
Certificate Total:			15-18

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

