The San Jacinto College maritime program offers professional mariners courses to earn U.S. Coast Guard (USCG) licensing and certifications. With an accessible location in Pasadena, Texas, just outside of Houston, the College's Maritime and Technical Training Center offers a full curriculum USCG and the Standards of Training, Certification, and Watchkeeping (STCW) - approved maritime program for today and tomorrow's working mariner. It is equipped with CargoMAX, Liquid Natural Gas (LNG) transfer simulation, Dangerous Liquids (DL) transfer simulation, RADAR, Automatic Radar Positioning Aid (ARPA), Electronic Chart Display and Information System (ECDIS), and Global Maritime Distress and Safety System (GMDSS).

Courses are offered in deck and engineering operations for original or upgraded certificates and licenses for new entry-level mariners, as well as operational and management-level professionals; in result, strengthening maritime companies and crew to become more competitive.

The program is guided and supported by an advisory committee of industry leaders with classroom and simulator instruction by some of the nation's most experienced professional mariners.

A new San Jacinto College Maritime Technology and Training Center is being built on the waterfront along the Port of Houston to house multiple classrooms, engineering labs, and advanced navigation labs together with the industry's newest interactive, full-mission ship, towboat, and tugboat simulators.

Program Objectives

Courses offered through the San Jacinto College maritime program include:

- Basic Safety Training
- 100 Ton Master
- 200 Ton Master
- Apprentice Mate
- Tankerman PIC (ship and barge)
- Western Rivers
- Vessel & Company Security Officer
- Basic Firefighting
- Advanced Firefighting
- Able Bodied Seafarer
- Proficiency in Survival Craft (Lifeboat)
- First Aid CPR w/ AED
- ARPA - RADAR - GMDSS - ECDIS
- Medical Care Provider
- Medical Person in Charge
- Cargo & Stowage Handling
- Advanced Cargo Handling*
- Watchkeeping
- NEW Leadership and Management
- NEW Leadership and Team Working

San Jacinto College Maritime Technology and Training Center
3234 East Pasadena Fwy.
Pasadena, Texas 77503
Contact: 281-974-2200
www.sanjac.edu/maritime

Opening in 2016

San Jacinto College Maritime Training Center
3700 Old Highway 146
La Porte, Texas 77571

Revised 7/2015
- Bridge Resource Management
- Magnetic and Gyro Compass
- Terrestrial & Coastal Navigation*
- Advanced Navigation*
- Electronic Navigation*
- Celestial Navigation*
- Basic Stability and Ship Construction*
- Advanced Stability*
- Emergency Procedures
- Search & Rescue
- Meteorology
- Advanced Meteorology*
- Operational Principles of Marine Propulsion Plants*
  * Denotes courses coming in 2016

**Job Opportunities**

**Inland**
- Deckhand
- Tankerman
- Apprentice Mate
- Mate-Pilot
- Master of Towing
- Captain

**Near Coastal**
- Deckhand
- Tankerman
- 3rd, 2nd, Chief Mate
- Master / Captain

- Ordinary Seaman - Deckhand
- Able Bodied Seafarer
- 3rd, 2nd, Chief Mate
- Master / Captain

**Engineering**
- QMED – Qualified Member of Engineering Department
- DDE = Designated Duty Engineer
- 3rd, 2nd, Chief Engineer

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Note: For complete program descriptions, please refer to the San Jacinto Community College District Catalog online at www.sanjac.edu/catalog.