

Maritime security and technological trends



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This presentation considers how continuous technological change, and the increasing rate of this change, will impact maritime education and training and our graduates. Changes in technology, the environment, the regulatory picture and globalization represent a more complex array of forces for our students to understand than ever before. Students can no longer assume that acquired technical skills will serve the demands of their rapidly changing workplaces. These changes and challenges require maritime universities to elevate our academic programs, ensure our curricula remain relevant, and provide our students with tools and adaptive skill sets they will need to become life-long learners. This will require maritime universities to conduct an “environmental scan” of the world

and environments in which they operate, and interpret relevant external factors and trends. As an example, the presenter provides a recently completed scan of the maritime industry, its impact on SUNY Maritime College’s education and training programs, and recommendations on how maritime universities can adapt to what best-selling author Thomas Friedman describes as the “age of accelerated change.”

