

Course Title:	Terminals for transhipment of liquid and gas petroleum derivatives
Lecturer:	Prof. Jasminka Giacometti, Ph.D.
Course Type:	Elective
ECTS:	6
Total Hours:	30 hours
Content of the Course:	Determination of hazards during transhipment of liquid and gas petroleum derivatives; introduction into the transhipment terminal equipment and the transportation system for liquid and gas petroleum derivatives; outline of safety equipment at terminals for transhipment of liquid and gas petroleum derivatives; introduction into safety standards.
Competences:	Students will acquire skills in transportation and transhipment systems of petroleum and its derivatives.
Teaching Methodology:	Lectures, seminars
Course Units:	Sources of hazards in handling liquid and gas petroleum derivatives. General hazards on tankers and at transhipment terminals for liquid and gas petroleum derivatives. Ships for transportation of liquid and gas petroleum derivatives. Equipment of terminals for transhipment of liquid and gas petroleum derivatives. Transhipment procedures for liquid and gas petroleum derivatives. Safety procedures in the process of transhipment of liquid and gas petroleum derivatives. Emergency procedures.
Exam Method:	Seminar paper, written exam
References:	<ol style="list-style-type: none"> 1. ISGOTT – International Safety Guide for Oil tankers and Terminals, 5th edition, Witherby, London, 2006. 2. G. Mc Guire, B. White, Liquefied Gas Handling Principles, 3rd ed., SIGTTO, London, 2000. 3. Č. Dundović, Lučki terminali, Pomorski fakultet u Rijeci, Rijeka, 2002. 4. P. Komadina, Sigurnost brodova za prijevoz ukapljenih plinova. Sveučilište u Rijeci, Pomorski fakultet u Rijeci, Rijeka, 1999. 5. P. Komadina, Sigurnost na brodovima za prijevoz kemikalija. Sveučilište u Rijeci, Pomorski fakultet u Rijeci, Rijeka, 1999. 6. Pravilnik o rukovanju opasnim tvarima, uvjetima i načinu obavljanja prijevoza u pomorskom prometu, ukrcavanja i iskrcavanja opasnih tvari, rasutog i ostalog tereta u lukama, te načinu sprečavanja širenja isteklih ulja u lukama (OG 51/05)
Course in English	Yes
Quality Monitoring Method:	Course quality and performance monitoring in accordance with the quality management system of the University of Zagreb. Self-evaluation of lecturers and student poll.