**ERASMUS 2014 - 2015**

**Institute for Health Studies / TUL**

**Theoretical part - Topics for final exam**

**1. Highlights; new items and problems in emergency and critical care, in intensive medicine; basic equipment: clinical manuals, CDs and DVD; smartcards for nurses, EBN- evidence – based nursing. Training, simulators, skills.**

**2. Warning signs of deterioration in risk and critical patients and how to manage them. Palliative intensive care.**

**3. Monitoring, algorhithms, nursing plans, education, contact with family members and relatives.**

**4. Environmental risks and catastrophic events. Integrated rescue system. Disaster plans. Wilderness medcine, events medicine, outdoor medicine etc. Black-out etc. Preparednes of health care systems.**

**5. Safety and risks for patients and health care providers.**

**6. Nosocomial infections, injuries, violation, burn-out; cognitive**

**dysfunction, PTSD, anethical approach in terminal intensive care.**

**7. Monitoring – basic and special monitoring, complementary data.**

**8. Respiratory support, circulatory support, metabolic support, nutrition,**

**positioning, physiotherapy and rehabilitation. Nursing basics.**

**9. The role of specialized centers, preparadness for emergency events in**

**cities and in the countryland.**

**10. CPR – cardiopulmonary resuscitation in the field and in the hospital.**

**Transport- helicopters and ambulance. Emergency department.**

**Equipment, devices, guidelines 2010 - 2015.**