WELCOME
ELECTRICAL ENGINEERING
GERMAN EXCHANGE PROGRAM ‘13-14
Dr. –Ing. Joerg Mossbrucker
Rm. S342  414-277-7418
mossbruc@msoe.edu
MSOE Study Abroad Programs

- Lübeck University of Applied Science, Lübeck, Germany
- Czech Technical University, Prague, Czech Republic
- Manipal Technical Institute, Manipal, India
Lübeck Exchange Program at a Glance

Academic Features:

- ALL instruction is in English
- Graduate in 4 years (on-track students)
- Receive TWO degrees (MSOE and the German university)
- **Junior** year in Germany, senior year at MSOE
Lübeck Exchange Program

Student Life Features:

- Cultural immersion
  Really experience living abroad
- MSOE support group
  You are not alone
- Germany – western culture
  A different but friendly culture
Benefits of Participation

- Technical knowledge (European perspective)
- Enhanced career opportunities
- Become globally oriented
- Gain some proficiency in the German language
- Become more self-reliant
- Learn about other cultures
- Travel opportunities
Reasons For Participating

- Academic studies
- Personal Growth
Who Should Participate?

Program is for those who are willing to accept personal responsibility.
Requirements for Participation?

- You must have a GPA of 2.5 or above at end of Winter quarter
- OR
- You must have a GPA of 2.0 or above at end of Winter quarter AND consent of Program Advisor
- In any Case
- You cannot be on probation at the end of the Spring quarter (regardless of Summer courses)
- You must fulfill all academic requirements
- You must fulfill all requirements set forth by the Student Life Office of MSOE
Cost of the German Program

- Total academic cost – approximately the same as if you stayed in Milwaukee
- Somewhat dependent on currency exchange rates
- MSOE provides $1000 support for travel to Germany
- Travel while in Germany – costs extra and done at your discretion
Lübeck Student Exchange Program

Essential Logistics:
- “Dormitory” living (cluster of rooms)
- Classes with German students coming to MSOE
- Specific course of study in Germany
- Leave ~ 3rd week of September
- Return ~ mid July
Traveling in Europe

- Travel is much much easier in Europe
- The trains/busses run on-time and come often
- EVERYBODY does it – extremely common
- Can buy Eurorail passes – many types
- HUGE number of people speak English
- People are generally very friendly
New Dorm
2 – 4 Room Apartments with Kitchen

Bed Room

Kitchen
Old dorm
one kitchen per floor

Large Room

Small Room
Dorm Buildings

New Dorm

Old Dorm
Fachhochschule Lübeck
University of Applied Science
What MUST You Do To Participate?

- See Program Advisor for Winter and Spring quarter

- By the end of the Spring quarter you must have:
  - EE1910
  - EE2050, EE2060, EE2070
  - MA136, MA137, MA231, MA235, MA232, MA3620
  - CH200
  - PH2010, PH2020
  - EN131, EN132, EN241
Academic Schedule at MSOE

- Winter Quarter
  - EE2070  Linear Circuits – Transients
  - EE2930  Systems Interfacing
  - EE2900  Combinational Logic Circuits
  - MA232  Calculus for Engineers IV
  - PH2030  Physics III – Thermo. And Quantum Ph.
  - GE300  Career and Professional Guidance
Academic Schedule at MSOE

- Spring Quarter
  - EE2902 Sequential Logic Circuits
  - MA383 Linear Algebra
  - EE3050 Dynamic Systems
  - EE3111 Electronic Devices and Circuits
  - MA3620 Random Variables and Statistics
Courses at FHL

- Control Systems 6-0
- Analog Electronics II 2-2
- Principles of Communications I 4-1
- Microwaves I 3-1
- Signal Analysis 2-0
- HU/SS 4-0
- German Language and Culture 4-2
- Controls Laboratory 0-2
- Renewable Energy 3-1
- Principles of Communications II 4-1
- Microwaves II 3-1
- Computer Aided Design 4-2
- HU/SS 4-0
- German Language and Culture 4-2
Courses at MSOE / Senior Year

- IE423  Engineering Economics
- PH360  Physics of Electronics
- EE407  Senior Design Project I
- EE3921  Digital System Design

- EE3202  Electric & Magnetic Fields
- EE408  Senior Design Project II
- EE3220  Digital Signal Processing
- SS461  Organizational Psychology
- Science Elective

- ME255  Engineering Statics for Non-mech. Engineers
- HU432  Ethics for Prof. Managers and Engineers
- EE409  Senior Design Project III
- EE340  1  Electromechanical Energy Conversion
- CS2510  Object Oriented Programming
Questions?
Lübeck – Inner City
Holstentor – Gateway to Lübeck
Inner City of Lübeck
City of Lübeck – 1450?
Germany – Center of Europe
City of Lübeck

- Founded ~1159 by 'Henry the Lion'
- Capital of the Hanseatic League - greatest trading federation of cities in history
- City of culture
- Nightlife and beaches – Travemünde (suburb)
- Fantastic churches and beautiful architecture
- Many restaurants
Lübeck – Web Sites

- http://www.luebeck.de/
- http://www.physik.mu-luebeck.de/local/history.html
AND – Past group of MSOE students

Information for Foreign Exchange Students at