



# Computer Science and Engineering Department

**Intensive Programme (IP) in**  
**Secure Web Applications (SWEB):**  
**Best Practices for Protection and Development**  
**11 – 14 May 2014**  
**Santander, Spain**

### Application Information:

This IP is specifically designed for senior European Bachelor students of computer science, information systems management, business administration, geoinformatics, mathematics, scientific computing, industrial engineering, telecommunication engineering and electrical engineering with knowledge in software engineering. Students will be specially selected by their home universities based on their background in the area of computer networks, software engineering, web applications, and on their fluency in English.

### Credits:

The home university will grant **5 ECTS** credits to each student that successfully completes the IP. A certification of completion will be issued by the IP Coordinator, the Munich University of Applied Sciences.

### Application:

Computer Science and Engineering students in **2<sup>nd</sup>**, **3<sup>rd</sup>**, and **4<sup>th</sup>** Year are eligible for participating. The **IP in SWEB Presentation** will take place on **Thursday, 31 Oct. 2013, at 10:20, in the Main Building, Computer Lab 1.**

Please complete the **IP in SWEB Application** form and return it to the CSED Erasmus Coordinator (Rm. 114, CYTA Building) by **15 November 2013, 15:00:**

[http://staff.fit.ac.cy/com.mc/erasmus/ip\\_in\\_sweb\\_application.pdf](http://staff.fit.ac.cy/com.mc/erasmus/ip_in_sweb_application.pdf)

### Selection:

The selection process will be based on the student's performance (GPA and Cumulative GPA), the student's behaviour and character, as well as their knowledge of the English language. Eligible students will be invited for an interview.

### Participation:

Once the selection process has been completed, the students that have been chosen and have accepted to participate to the IP will be asked to sign an agreement. The agreement is to ensure that the students will participate in the IP. If for any reason a student might not be able to participate, then the student must reimburse the University for any costs (travel and accommodation expenses).

**Costs:**

Each student selected to participate in the IP in SWEB will be asked to submit a percentage of their travelling expenses, which is approximately €150-200, depending on the price of flight tickets. Accommodation and food (usually breakfast and lunch) are covered by the IP budget. Students are expected to cover other expenses and social activities from their pocket money.

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**Course Structure (2 weeks intensive course):**

For the two weeks in Munich, during weekdays, students will attend lectures during the morning sessions. All students will participate in groups and during the afternoon sessions, students will be asked to carry out group lab assignments related to the topic of the day. The students will present their lab results, followed by a session of Q&A, discussions and evaluation. During the weekend the organisers have prepared various social and cultural events.

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**Preparation:**

All students selected for the IP in SWEB will be registered for a two-hour lab per week in order to prepare for the IP. The material that the lab is going cover is based on networks and the TCP/IP, the Java programming language, the Apache webserver, HTML, CSS, databases and SQL, JavaScript, network programming (socket programming) and Internet Technologies.

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**Grading (Preparation Labs, Labs and Presentations, Exams):**

All students selected for the IP in SWEB will be evaluated during their preparation lab sessions (50%). Student evaluation will continue during the IP in Munich with Lab sessions, presentations and the Final Exam as described in the Course Structure.

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**Spring 2013 at Frederick University:**

As the IP period coincides with the Spring 2013 semester at Frederick University. Although the IP does not coincide with the Spring Examination period, the CSED will ensure that all the material covered in the lectures, as well as any coursework missed will be covered during tutorials for all the students that will participate in the IP.

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