APPLIED APP DEVELOPMENT

THE INTERNATIONAL SEMESTERS

In January 2010 Gartner Research forecasted that consumers will spend $6.2 billion in 2010 in mobile application stores while advertising revenue is expected to generate $ 0.6 billion worldwide. Gartner forecasts worldwide downloads in mobile application stores to surpass 21.6 billion by 2013. Application development for mobile platforms is a very rapidly growing area and this international programme focuses on development for some of these platforms (Android and Windows phone 7).

Mobile platforms are not just being used by consumers. One example is a system used in ambulances for making patients more relaxed – it is operated by a mobile phone. Mobile phones are also being used as front-end devices for applications used by windmill repairmen.

Most of the courses are also intended for Danish students, but all curriculum activities are conducted in English and are dealt with in an international perspective. The latest know-how and state-of-the-art HW/SW are available and a practical engineering approach to the complex systems is in strong focus.

ADMISSION REQUIREMENTS

The semesters are intended for international and Danish students in the final year of their Bachelor studies or at a similar educational level of an ICT programme.

More specifically, basic electronics skills and basic programming skills (e.g. C, C++, C# or JAVA) are considered a prerequisite for attending this study.

Proficiency in English is required (TOEFL-test, score 550, or equivalent).

COURSES ON OFFER INCLUDE

Autumn Semester, mid August (30 ECTS)
- Cross-Cultural Cooperation, Project Work and English Language (5 ECTS)
- Embedded Computer Architecture (5 ECTS)
- User Interfaces for Embedded Systems (5 ECTS)
- Smartphone Applications (5 ECTS)
- Multidisciplinary Project to Train the Application of Theory from the Applied App Development Courses (10 ECTS)

It is possible to take only the autumn semester.
Exams after the first semester must be passed with satisfactory results in order to be able to take the second semester.

Spring Semester, end of January (30 ECTS)
- Applied Micro-Controller Systems (5 ECTS)
- Entrepreneurship and Innovation in Computing (5 ECTS)
- Bachelor's Project (20 ECTS)

STUDY PERIOD AND APPLICATION
Study period is from mid August to end of June. Deadline for application is 1 May. A maximum of 20 international students is accommodated.

FIND OUT MORE
Visit our website at www.ase.au.dk or contact the International Officer Ms. Merete Christensen. E-mail: mc@au.dk

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