



DEPARTMENT OF COMPUTER &  
ELECTRICAL ENGINEERING  
AND COMPUTER SCIENCE

College of Engineering & Computer Science  
Florida Atlantic University

**Professional Weekend Master's  
Degree Program in Computer Science**  
*Only 11 Months to Complete*



The Department of Computer & Electrical Engineering and Computer Science at Florida Atlantic University (FAU) offers a professional weekend master's degree program in computer science that can be completed in 11 months. The program is tailored specifically for working professionals from high-tech industry.

Providing a cutting-edge education with a unique emphasis on Internet and web technologies the program offers face-to-face instruction, which is complemented with teleconferencing and state-of-the-art, Internet-based e-learning facilities. During the program, students attend formal classes at FAU two

Saturdays per month. The latest distance-learning technologies, including FAU's Blackboard system, are used for off-campus student communication including online lectures, homework, projects and exams. The format allows participants to pursue their academic goals while remaining employed.

## Admission Requirements

1. A baccalaureate degree in computer science, computer engineering, information systems, information technology or comparable field.
2. A combined score of 1000 or higher on the verbal and quantitative portions of the GRE and a 3.0 GPA. Students may be admitted conditionally assuming that the GRE exam will be taken within five months from the beginning of the program.
3. International students must provide Test of English as a Foreign Language (TOEFL) scores.
4. One year of professional experience in computing (exceptions allowed on an individual basis only).

Applicants are expected to have knowledge of the following areas before pursuing this degree:

- Mathematics for Computer Science
- Programming and Data Structures
- Operating Systems Concepts

Academic advisors will determine if a student needs to take one or more of the review modules to assure proficiency in prerequisite material. In order to maintain consistency, a single academic advisor will be assigned to all students enrolled in this program. The advisor will evaluate the academic and work experience of each candidate, which can be counted toward satisfying the prerequisites.

Conditional admission may be approved subject to completion of appropriate review modules. The review modules will be offered at no additional cost and are available to all students in the program.

## Faculty and Staff

The teaching faculty in the Department of Computer & Electrical Engineering and Computer Science is comprised of 38 distinguished instructors, who are experts in their fields and internationally recognized in their research.

## Program Fees

- \$770 per credit-hour; total cost for 33 credit-hours is \$25,410 (for Florida residents). For non-residents the total cost of the program is \$39,500.

*Note: prices subject to change.*

- Fees include textbooks, materials, continental breakfast and lunch for all class sessions, and tutorial support, if necessary.
- Tuition fees are due upon registration and no later than the end of each individual course.



## 2010 - 2011 Program Schedule

### NOTE:

The program is circular so a student can begin at anytime.

For the 2010-11 program, 11 courses will be offered. In addition, students may select any of the following review modules: Mathematics for Computer Science, Programming and Data Structures, and Operating Systems Concepts. It is highly recommended that all students take the review modules; they are free of charge.

## 2010 Review Modules Schedule

January 23 - Mathematics for  
Computer  
Science

January 30 - Operating  
Systems  
Concepts

February 20 - Programming  
and Data  
Structures

## 2010 - 2011 Course Schedule

Dates	Course Number	Course Title
March 6, 13	CNT 5008	Computer Communication Networks
April 10, 17	COT 5930	Internet Programming
May 8,15	CDA 6316	Embedded System Design
June 5, 12	COP 6731	Theory/Implmntl Databases Systems
July 10, 17	MAP 6264	Queueing Theory and Networks
August 7, 14	CIS 6370	Computer Data and Internet Security
September 11, 18	CAP 6010	Multimedia Systems and the Internet
October 9, 16	CNT 6885	Video Communication
November 6, 13	CNT 6517	Mobile Computing
<b>December - Winter Break</b>		
January 8, 15, 2011	CAP 6673	Data Web Mining
February 5,12, 2011	COT 5930	Concurrency Modeling

*The first group of 10 students (pictured below) to enroll in the program graduated in Spring 2004. After that, an additional 40 students graduated in 2006, 2007 and 2008. After graduating from the program, most graduates received promotions and salary raises and are currently employed by leading high-tech companies in the area, including Motorola, Tyco, Verio, IBM, Avocent, Siemens, LexisNexis and others.*



## Notes from Students

*"The FAU Weekend Master Program helped me to understand the recent trends in Internet and computer technology as well as to advance in my career."*

- Mira Muharemagic '05, Product Manager, Campus Management, Boca Raton

*"My experience with FAU's Weekend Computer Science Program was awesome! I can truly say that if not for FAU, I would still be in courses trying to obtain my Master degree and learning older outdated subjects."*

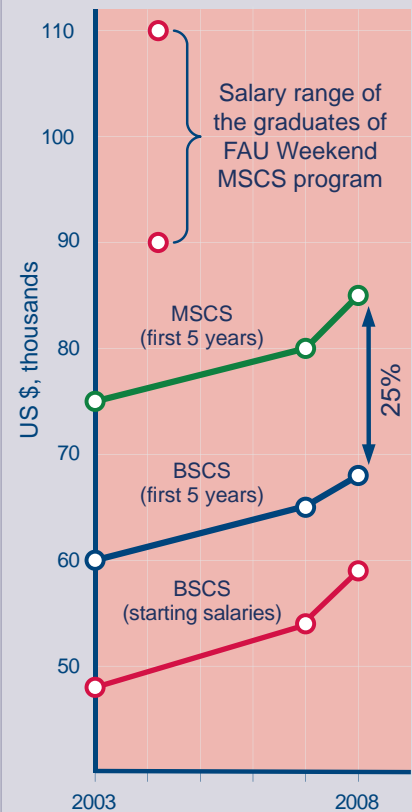
- Grace Kamakani '08, System Support Analyst, Jari Research, Boca Raton

*"The Weekend program at FAU is the best option in the region for working professionals. In 12 months one is able to catch up with the latest topics and trends in technology. Professors have tailored the courses to achieve a perfect balance of theoretical and practical concepts that can be applied to your daily work."*

- Jose Ballesteros '08, Software Engineer, Avocent, Sunrise

## Salary Comparison

US Computer Science Salaries BS vs. MS  
(Adapted from IEEE Spectrum, August 2008)



For more information about the Professional Weekend Master's Degree Program in Computer Science contact the Department of Computer & Electrical Engineering and Computer Science Program Coordinator, Jean Mangiaracina at 561.297.6482, e-mail to [jmangiar@fau.edu](mailto:jmangiar@fau.edu), or the Program Advisor, Robert Cooper, Ph.D., 561.297.3673, [cooperr@fau.edu](mailto:cooperr@fau.edu).

### Florida Atlantic University

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