

# Web Application Programming

COP-4813

## 1. Instructor

Professor: Alex Roque M.S. ([aleroque@fiu.edu](mailto:aleroque@fiu.edu))

Office Hours: By Request before or after class

## 2. Web Site

Website: <http://users.cs.fiu.edu/~aleroque/COP4813>

## 3. Objectives

- Master classes and objects in multitier applications
- Master structured exception handling and interactive error trapping
- Be familiar with data-bound controls and database application programming interface
- Master client/server communication
- Be familiar with use of CSS 1 style sheets

## 4. Textbook/Technologies

- Textbook: [Beginning ASP.NET 4.5.1 in C# and VB](#) (ISBN: 111884677X) **HIGHLY RECOMMENDED**
- Tools:
  - Visual Studio Community Edition IDE : <https://www.visualstudio.com/en-us/products/visual-studio-express-vs.aspx>
  - SQL Server <http://www.microsoft.com/en-us/download/details.aspx?id=42299>  
The SQL Express you want to download is the one described as Express with Tools (SQLEXPRT). If you see a file list, choose the one for computer's architecture (x86/64) and find the SQLEXPRT filename.

*SQL Server Express with Tools (with LocalDB, Includes the database engine and SQL Server Management Studio Express)*

## 5. Grading

Total 500 points

1. Attendance & Participation	3%	(15 points)
2. Midterm	27%	(135 points)
3. Final	30%	(150 points)
4. Quizzes	10%	(50 points)
5. HW Projects	30%	(150 points)

## 6. Grading Scale

A: 90 %

A-:	86.67 %
B+:	83.33 %
B:	80 %
B-:	76.67 %
C+:	73.33 %
C:	70 %
C-:	66.67 %
D+:	63.33 %
D:	60 %
D-:	56.67 %
F:	Below 56.67 %

**Note: No curve will be applied.**

## **7. Attendance**

- Students are expected to attend class and will be responsible for any missed lectures.
- No make-up for the midterm and final examinations will be given.
- Every student will start out with attendance points. If a student is not in class to answer questions then they will lose attendance points.

## **8. Homework Policy**

- Homework assignments are due at the start of class. Late homework assignments will not be accepted.
- Homework should be printed and turned in the day of class. Handwritten assignments automatically receive a zero.
- Each student should complete his/her homework and project assignments independently, unless given specific instructions by the professor

## **9. Miscellaneous**

- There is a ZERO TOLERANCE policy for cheating. Any student caught cheating will fail the course, no exceptions.
- Cell phone use or texting\email creates a distraction for everyone in the class. If you have an emergency that you need to respond to, please step outside of the class.
- You may bring laptops for any hands on lessons.
- NO LAPTOPS /PHONES/TABLETS allowed on your workstation during exams/quizzes.

## **Academic Misconducts**

*Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas, and community service. All students should respect the right of others to have an equitable opportunity to learn and to honestly demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.*

For further information, please reference the University policies on [academic misconduct](#).