GEORGE MASON UNIVERSITY  
Electrical and Computer Engineering Department  
Course Information

ECE 741 Wireless Networks (3:3:0)  
Prerequisites: ECE 528 and ECE 542, or equivalent  
Spring semester 2014

Time: Mondays 4:30-7:10 pm  
Location: Innovation Hall 209

Professor: Bijan Jabbari  
Office: Eng. Bldg, Room 3232  
Phone: 703.993.1618  
Email: bjabbari@gmu.edu  
Web: http://cnl.gmu.edu/bjabbari

Office hours: Mondays 2:00 - 3:30 pm  
Other times by appointment

Goals: This class will cover necessary theoretical foundation and state of the art performance evaluation methods for wireless networks. In a nutshell, this course will give you the basis for understanding the radio and infrastructure aspect of the wireless networks. For a detailed list of topics covered in class and a schedule please visit: http://cnl.gmu.edu/bjabbari/courses/ece741_2013/ece741.html

Textbooks References and Additional Readings:  
1. Class notes will be distributed  
6. Additional references and readings will be posted on the course web pages and assigned in class.

Grading:  
There will be homework assignments/projects (possibly requiring a model development on a computer), a mid-term and final exams, and a term-paper. The acceptable paper topics and the associated timetable will be discussed in class. It would be preferable if your term paper included writing a software program to model a specific aspect of mobility and teletraffic. They will count towards the grade as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>5%</td>
</tr>
<tr>
<td>Term-paper</td>
<td>20%</td>
</tr>
<tr>
<td>Mid-term Examining</td>
<td>35%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>40%</td>
</tr>
</tbody>
</table>

The mid-term will be on **Monday March 17**. The final exam is scheduled for **Monday May 12**.