

University of Massachusetts Lowell

Electrical and Computer Engineering

**16.100 Introduction to Electrical and Computer Engineering  
Fall 2006**

Instructor: Prof. K. Chandra

Professor of Electrical & Computer Engineering

Office: Falmouth 203

Tel: 978 934 3356

Email: [Kavitha\\_Chandra@uml.edu](mailto:Kavitha_Chandra@uml.edu)

Office Hours: Mon/Thurs 3:4:30 pm

Course Web Site: <http://morse.uml.edu/Activities.d/introece/introece-16100.html>

09/05/06	Introduction and overview of the course	
09/12/06	<i>Future of wired and wireless communication technology: Where do ECE's fit in?</i>	Prof. Kavitha Chandra Professor, ECE
09/19/06	<i>Metamaterials</i>	Prof. Alkim Akyurtlu Assistant Professor, ECE
09/26/06	<i>Nanomanufacturing</i>	Prof. Julie Chen Professor, Mechanical Engg.
10/03/06	<i>Computation and Algorithms</i>	Prof. Karen Daniels Associate Professor, Computer Science
10/10/06	Monday Schedule: No Class	
10/17/06	<i>Network Processors and Computer Architecture</i>	Prof. Yan Luo Assistant Professor, ECE
10/24/06	<i>Team project</i>	
10/31/06	<i>Dynamic Systems and Control</i>	Prof. Tingshu Hu Assistant Professor, ECE
11/07/06	<i>Radar scale modeling and research projects at STL</i>	Dr. Christopher Beaudoin Senior EE, Submillimeter wave technology laboratory, UML
11/14/06	<i>Nanoelectronic Devices</i>	Prof. Joel Therrien Assistant Professor, ECE
11/21/06	<i>Acoustics and Speech Processing</i>	Prof. Charles Thompson Professor, ECE
11/28/06	<i>Satellite Communication and Networking Technology for the Air Force</i>	Dr. Vineet Mehta MIT Lincoln Laboratories

**Course and Grading Policy: (1 Credit Course)**

Attendance is mandatory

Grade will be based on: Web page development activity; Written Reports and Class Participation

Please consult the web site for updated information.