



WISCONSIN

UNIVERSITY OF WISCONSIN-MADISON

University of Wisconsin - Madison
College of Engineering [EGR]
Last Offered: 2015 Spring [1154]
Direct Link to this Syllabus :

<http://aefis.engr.wisc.edu/index.cfm/page/CourseAdmin.ViewABET?coursecatalogid=478&pdf=True>

1. **E C E 755, VLSI Systems Design**
 2. **Credits : 3 Contact Hours :**
 3. **Textbook and Materials :**
 4. **Specific Course Information :**
 - a. **Brief description of the content of the course (Course Catalog Description) :** Overview of MOS devices and circuits; introduction to integrated circuit fabrication; topological design of data flow and control; interactive graphics layout; circuit simulation; system timing; organizational and architectural considerations; alternative implementation approaches; design project.
 - b. **Pre-requisites or Co-requisites :** ECE 340, ECE/Comp Sci 352, ECE/Comp Sci 552
- **Specific Goals for the Course :**
 - a. **Course Outcomes :**
 - b. **ABET Student Learning Outcomes :**