


RECOMMENDED:


Writing Guidelines for Engineering and Science Students. Http://www.writing.eng.vt.edu

2054  (Applied Electrical Theory – ME students only)

RECOMMENDED:

2074  RECOMMENDED:


**RECOMMENDED:**


2534 No textbook required.


Mathworks, *The Student Edition of Matlab*. Distributed in TORG.


**RECOMMENDED:**


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No textbook required.

Power Quality for Digital Econ


**On-line course. No textbook required.**

Lab – no textbook required.


No textbook required.


No textbook required.


http://www.amazon.com/The-Multiprocessor-Programming-Revised-Reprint/dp/0123973376


**ME teaches.**

*(Software-Defined & Cognitive Radio) – Dietrich*

C. Dietrich, An Introduction to Cognitive Radio, Morgan & Claypool (under contract, manuscript in preparation, to be made available to students in manuscript form or online). Selected journal papers and online resource.
Open source software to be provided to students, e.g., in a virtual machine (Linux, GNU Radio, REDHAWK, Liquid DSP Library).

4984 (Senior Design Project) – Manzo
No required textbook. Several recommended texts listed in syllabus.


4984 (Industrial Electronics)


(VTEL Course from NIA)


5244 ?????

5274 ?????

5374G On-line course. No textbook required.

5504 CS teaches.


5514  No textbook required. On-line, webX


5564  ??????

5566  (VTEL Course) No textbook required. Professor will provide material.


5586  (On-Line – MIT Only)

5620  (VTEL Course)


5666  (On-Line – MIT only)

5664  (VTEL Course)


5714  (VTEL Course)

5734  ?????

5764  ?????

5984  (ADV Optimization Techniques) – Yu
Handouts and publication readings provided by the instructor.

5984  (ADV Real-Time Systems) – Ravindran
5984  **(Network Security) – Clancy – VTEL from NOVA**

5984  **(System and Software Security) – Yao (CS) – VTEL from NOVA**
No textbook required.

Recommended:

5984  **(Artificial Intelligence and Engineering Applications – CGEP – VTEL)**

6104  **(ADV Topics in Electromagnetics: Computational Plasma Dynamics) – Scales**

Reference Texts:


6104  **(Optical Fiber Sensors) – A. Wang**
No textbook required.
For reference only:
Francis T. S. u, Shizhuo Yin, *Fiber Optic Sensors*, Marcel Dekker, 2002


6115  ????

6314  ????

6744  No textbook required.

6774  **State-of-the-art written notes will be provided by the instructor.**
Course Canceled.