

Fall 2010

Due: November 8, 2010

The University of Texas at Arlington Electrical Engineering Department Application for Ph.D. Diagnostic Examination

Scheduled for Saturday November 20, 2010 at 9:00 AM - 1:00 PM in Nedderman Hall room 601 (Rady Room)

Name _____ (Print or typed)
Last First Middle

UTA ID _____ Today's Date _____

Choose three (3) of the following eleven technical proficiency subjects as the topics of your examination. No more than one subject can be selected from one area. Please mark one major and two minor subjects from the following list:

Major Minor

- | | | |
|------------|-------|--|
| | | General Courses Area |
| <u>N/A</u> | _____ | Subject: EE 5302 Random Signals and Noise |
| <u>N/A</u> | _____ | Subject: EE 5305 Advanced Electronics |
| | _____ | Thrust Area: Electromagnetic Fields and Applications |
| | _____ | Subject: EE 5306 Electromagnetic Theory |
| | _____ | Thrust Area: Systems, Controls, and Automated Manufacturing |
| | _____ | Subject: EE 5307 Linear Systems Engineering |
| | _____ | Thrust Area: Power System Modeling and Analysis |
| | _____ | Subject: EE 5308 System Modeling and Analysis |
| | _____ | Thrust Area: Solid State Devices, Circuits and Systems |
| | _____ | Subject: EE 5340 Semiconductor Device Theory |
| | _____ | Thrust Area: Nanotechnology and MEMS – Materials and Devices |
| | _____ | Subject: EE 5344/ 5381 Introduction to MEMS/Foundations in Semiconductors |
| | _____ | Thrust Area: Digital Signal and Image Processing |
| | _____ | Subject: EE 5350 Digital Signal Processing |
| | _____ | Thrust Area: Communications and Information Systems |
| | _____ | Subject: EE 5362 Digital Communications |
| | _____ | Thrust Area: Optical Devices and Systems |
| | _____ | Subject: EE 5380 Principles of Photonics |
| | _____ | Thrust Area: Renewable Energy and Vehicular Technology |
| | _____ | Subject: EE 6375 Power Electronics Engineering |

Signature _____

Email _____

Telephone _____

Dissertation Supervisor _____

(Please Print)