

### Three Year Tentative Schedule for Graduate Courses

|                | Summer 2009       | Fall 2009                              | Spring 2010                            | Fall 2010  | Spring 2011                            | Fall 2011                              | Spring 2012                            |
|----------------|-------------------|--|--|--|--|--|--|
| <b>ECE</b>     |                   |  |  |  |  |  |  |
| ANAN, M.       |                   | VLSI Design & Fabrication              | Computer Networking                    | Client-Server Prog.  | VLSI Design & Fabrication              | Computer Networking                    | Client-Server Prog                     |
| CHEN, B.       |                   | Digital Image Processing               | Medical Imaging                        | Magnetic Resonance Imaging                                 | Digital Image Processing               | Medical Imaging                        | Magnetic Resonance Imaging             |
| GERBER, H.     |                   | Fiber optic communication              |  | Wireless Communication                                     |  | Fiber optic Communication              |  |
| GOPALAN, K.    |                   |  | Speech Proc. Adv. Digital System(dual) |  | Speech Proc. Adv. Digital System(dual) |  | Speech Proc. Adv. Digital System(dual) |
| GRAY, D.       | MATLAB            | MATLAB                                 |  | MATLAB   |  | MATLAB                                 |  |
| HOUSHANGI, N.  |                   | Robotics, Computer Architecture (dual) |  | Est, Identification, &Control Computer Architecture (dual) |  | Robotics, Computer Architecture (dual) |  |
| KOZEL, D.      | Power electronics |  |  |  |  |  |  |
| PIERSON, E.    |                   |  | Power electronics                      |  | Power systems                          |  |  |
| KRAMER, B.     |                   |  |  |  |  |  |  |
| YANG,X.        |                   | Computer Graphics                      | Introductions to Appl. With Java       | Software Design  | Computer Graphics                      | Introductions to Appl. With Java       | Software Design                        |
| APOSTOIAIA, C. |                   | Adv.EL. Drives                         |  | Adv.EL. Drives   |  | Adv.EL. Drives                         |  |

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| <b>ME</b>       |                             |                              |                              |                                |                              |                                |                              |
| ABRAMOWITZ, H.  |                             |                              | Material selection in design | Water Quality                  | Solid waste management       |                                | Material selection in design |
| KIN, Y.         |                             | Fatigue Analysis             |                              |                                |                              |                                |                              |
| NNANNA, G.      |                             | Heat Transfer in Electronics | Micro-scale Heat Transfer    | HVAC                           | Heat Transfer in Electronics | Micro-scale Heat Transfer      | HVAC                         |
| PAI, B.         | Numerical Methods           |                              | Finite Element Analysis      |                                | Numerical Methods            |                                | Finite Element Analysis      |
| MOJTAHED, M.    | Advanced Project Management |                              |                              |                                |                              |                                |                              |
| VISWANATHAN, C. |                             |                              | Neural Networks              | Watershed Management           | Neural Networks              | Watershed Management           | Neural Networks              |
| WANG, X.        |                             | Renewable Energy Technology  | CFD                          | Numerical Heat & Mass Transfer | CFD                          | Numerical Heat & Mass Transfer |                              |
| ZHOU, C.        |                             | Combustion                   | Air pollution Control        | Combustion                     |                              | Combustion                     |                              |
| Siow, Yeow      |                             | Engineering Economics        |                              |                                |                              |                                |                              |