

## VIII. GRADUATION CHECKLIST FOR M.S.E.E. STUDENTS (BEGINNING FALL 2007or LATER)

\_\_\_\_\_ THESIS - 6 CREDITS OF E E 600 OR \_\_\_\_\_ PAPER - 2 CREDITS OF 594 \_\_\_\_\_ COLLOQUIUM - 2 CREDITS

| NAME _____                                                                                                                                                               |                                                                                                                                       | ID. NUMBER _____                                                                                                                       |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| COMMUNICATIONS, COMPUTERS,<br>NETWORKING, AND SIGNAL PROCESSING                                                                                                          | CONTROL AND POWER SYSTEMS                                                                                                             | ELECTROMAGNETICS AND OPTICS                                                                                                            | ELECTRONICS AND PHOTONICS                                                             |
| CSE 514                                                                                                                                                                  | E E 580 (527)                                                                                                                         | E E 520                                                                                                                                | E E 510 (548)                                                                         |
| CSE 543                                                                                                                                                                  | E E 581 (529)                                                                                                                         | E E 521 (512)                                                                                                                          | E E/MATSE 526                                                                         |
| CSE 572                                                                                                                                                                  | E E 582 (530)                                                                                                                         | E E 522                                                                                                                                | E E 541 (518)                                                                         |
| CSE 577                                                                                                                                                                  | E E 584/M E 558 (566)                                                                                                                 | E E 524                                                                                                                                | E E 542 (519)                                                                         |
| CSE 578                                                                                                                                                                  | E E/M E 587 (559)                                                                                                                     | E E 531 (511)                                                                                                                          | E E 543                                                                               |
| E E 551 (563)                                                                                                                                                            | E E 588 (565)                                                                                                                         | E E 534 (542)                                                                                                                          | E E 544                                                                               |
| E E/CSE 552 (583)                                                                                                                                                        |                                                                                                                                       | E E 535                                                                                                                                | E E 545                                                                               |
| E E 553                                                                                                                                                                  |                                                                                                                                       | E E 537                                                                                                                                | E E 546                                                                               |
| E E/CSE 554 (586)                                                                                                                                                        |                                                                                                                                       | E E 538                                                                                                                                | E E 547                                                                               |
| E E/CSE 555 (585)                                                                                                                                                        |                                                                                                                                       | E E/AERSP/NUC E 571 (540)                                                                                                              | E E 549                                                                               |
| E E 556                                                                                                                                                                  |                                                                                                                                       | E E/NUC E 572 (541)                                                                                                                    |                                                                                       |
| E E 557                                                                                                                                                                  |                                                                                                                                       | E E 573 (581)                                                                                                                          |                                                                                       |
| E E 560                                                                                                                                                                  |                                                                                                                                       | E E 574                                                                                                                                |                                                                                       |
| E E 561                                                                                                                                                                  |                                                                                                                                       | E E 576 (536)                                                                                                                          |                                                                                       |
| E E 562                                                                                                                                                                  |                                                                                                                                       | E E 579 (539)                                                                                                                          |                                                                                       |
| E E/CSE 564 (554)                                                                                                                                                        |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| E E/CSE 565 (515)                                                                                                                                                        |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| E E 567 (579)                                                                                                                                                            |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| E E 568                                                                                                                                                                  |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| E E 569 (578)                                                                                                                                                            |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| PREVIOUS COURSE NUMBERS ARE IN PARENTHESES                                                                                                                               |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| <b>Courses listed above may be used for the breadth area requirement.</b>                                                                                                |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| <b>EE 597(X) courses must approved by the Graduate Program Committee (by petition to the Committee) before scheduling to be used to satisfy the breadth requirement.</b> |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| List EE 597 courses:                                                                                                                                                     |                                                                                                                                       |                                                                                                                                        |                                                                                       |
| list 400 level EE courses<br>(maximum 9 credits, 496 not counted)                                                                                                        | list EE 596 course(s) (maximum 3 credits)                                                                                             | List external university transferred credits                                                                                           | related 400 & 500-level (no 496 or 596) non-EE<br>courses (advisor approval required) |
| <b>M.S. THESIS OPTION</b>                                                                                                                                                | <b>32 credits</b><br>(24 course credits, 6 thesis research credits,<br>and 2 colloquium credits)                                      | <b>500-level minimum</b><br><b>15 course credits</b>                                                                                   | <b>Thesis Defense</b>                                                                 |
| <b>M.S. PAPER OPTION</b>                                                                                                                                                 | <b>34 credits</b><br>(30 course credits, 2 paper research credits,<br>and 2 colloquium credits)                                       | <b>500-level minimum</b><br><b>21 course credits</b>                                                                                   | <b>Paper Presentation</b>                                                             |
| <b>ALL M.S. STUDENTS</b>                                                                                                                                                 | 50% of the required course credits must be<br><u>Electrical Engineering Department</u> courses<br>(excluding colloquium and research) | For the breadth requirement, a 500-level<br>course from at least two of the four areas<br>listed above must be successfully completed. | <b>Time Limit</b><br><b>M.S. 6 years</b>                                              |