

## UTK ARTICULATION AGREEMENT

### MATERIALS SCIENCE & ENGINEERING (GS44)

This program leads to an Associate of Science degree from Pellissippi State and a Bachelor of Science in Materials Science & Engineering from the University of Tennessee.

#### PELLISSIPPI STATE

| Freshman                                     | fall | spring | Sophomore                                  | fall | spring |
|--|------|--------|--|------|--------|
| English 1010, 1020 .....                     | 3    | 3      | <sup>3</sup> Social Science Elective ..... | -    | 3      |
| <sup>1</sup> Mathematics 1910, 1920 .....    | 4    | 4      | Speech 2100 .....                          | 3    | -      |
| Engineering Science 1510, 1520 .....         | 4    | 4      | <sup>4</sup> Sophomore Literature .....    | 3    | -      |
| Chemistry 1110, 1120 .....                   | 4    | 4      | <sup>5</sup> History Sequence .....        | 3    | 3      |
| Computer Science 1050 .....                  | 1    | -      | Economics 2010 .....                       | -    | 4      |
| <sup>2</sup> Humanities/Arts Electives ..... | 3    | 3      | Mathematics 2000, 2110, 2120 .....         | 4    | 4      |
|  |      |        | Physics 2110, 2120 .....                   | 4    | 4      |
| TOTAL  | 19   | 18     | TOTAL                                      | 17   | 18     |

A lower-division student formally applies for upper-division status after completing 50 hours of lower-division engineering curriculum coursework with an overall GPA of at least 2.4. This must include Materials Science & Engineering 201.

#### UNIVERSITY OF TENNESSEE

*Transition: Materials Science & Engineering 101, 201, 250, 260, 290, 291 (12 credit hours)*

| Junior   | Hours | Senior   | Hours |
|--|-------|--|-------|
| Materials Science & Engineering 300, 301,<br>302, 304, 320, 340, 350, 360, 370,<br>and 390 ..... | 26    | Materials Science & Engineering 405, 480,<br>and 489 ..... | 10    |
| Technical Elective .....   | 3     | Materials Science & Engineering Electives .....            | 6     |
|  |       | Electrical & Computer Engineering 301 .....                | 3     |
| TOTAL  | 29    | Engineering Fundamentals 402 .....                         | 1     |
|  |       | Technical Elective .....                                   | 3     |
|  |       | TOTAL  | 23    |

<sup>1</sup>Students who do not have an ACT math score of at least 26 must take MATH 1730 before MATH 1910.

<sup>2</sup>Chosen from: ART 1720, 1730; ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520; MUS 1030; PHIL 1030; THEA 1030.

<sup>3</sup>Chosen from: ANT 1300; HIST 2040; POL 1020; PSY 1010; SOC 1010, 1020.

<sup>4</sup>Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520.

<sup>5</sup>Select sequence from: HIST 1010-1020, 1110-1120.