

## UTK ARTICULATION AGREEMENT INDUSTRIAL ENGINEERING (GS43)

This program leads to an Associate of Science degree from Pellissippi State and a Bachelor of Science in Industrial 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      | Economics 2010 .....                       | -    | 4      |
| Engineering Science 1510-1520 .....          | 4    | 4      | <sup>4</sup> Sophomore Literature .....    | -    | 3      |
| Chemistry 1110 .....                         | 4    | -      | <sup>5</sup> History Sequence .....        | 3    | 3      |
| Computer Science 1050, 1300 .....            | 1    | 2      | Mathematics 2000, 2110,<br>and 2120.....   | 4    | 4      |
| Speech 2100 .....                            | -    | 3      | Physics 2110 .....                         | 4    | -      |
| <sup>2</sup> Humanities/Arts Electives ..... | 3    | 3      | Engineering Science 2021-2310 .....        | 2    | 3      |
| TOTAL  | 19   | 19     | TOTAL                                      | 16   | 17     |

In order to be considered for admission to a major in the College, students must have earned a minimum 2.30 cumulative average in English 1010-1020, Chemistry 1110-1120, and Mathematics 1910-1920.

### UNIVERSITY OF TENNESSEE

*Transition: Materials Science and Engineering 201 (3 credit hours)*

| Junior   | Hours | Senior   | Hours |
|--|-------|--|-------|
| Industrial Engineering 202, 250, 300, 301,<br>304, 310, 330, and 350 ..... | 20    | Mechanical Engineering 331 .....   | 3     |
| Electrical & Computer Engineering 301 .....                                | 3     | Industrial Engineering 340, 401, 402, 404, 405,<br>406, 421, 422, 427, and 450 ..... | 29    |
| Legal Studies 244 .....  | 3     | Technical Elective .....   | 3     |
| Accounting 200 .....   | 3     | TOTAL  | 35    |
| Statistics 251 .....   | 3     | TOTAL  | 32    |

<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.