

## UTK ARTICULATION AGREEMENT ELECTRICAL ENGINEERING (IELE)

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

<b>PELLISSIPPI STATE</b>					
<b>Freshman</b>	<b>fall</b>	<b>spring</b>	<b>Sophomore</b>	<b>fall</b>	<b>spring</b>
English 1010-1020	3	3	History 1010-1020 or 1110-1120	3	3
<sup>1</sup> Mathematics 1910-1920	4	4	<sup>4</sup> Sophomore Literature	3	-
Engineering Science 1510-1520	4	4	Mathematics 2000, 2110 and 2120	4	4
Chemistry 1110	4	-	Physics 2110-2120	4	4
Computer Science 1050	1	-	Electrical Engineering 2010-2020	3	4
<sup>2</sup> Social Science Electives	3	3-4	Speech 2100	-	3
<sup>3</sup> Humanities/Arts Electives	-	6			
<b>Total</b>	<b>19</b>	<b>20-21</b>	<b>Total</b>	<b>17</b>	<b>18</b>

Admission to the College of Engineering requires a minimum GPA of 2.3 and a C or better in English 1010, Mathematics 1910, and Chemistry 1110 (and subsequent courses in the three sequences, if taken). Students should earn Cs or better in all Engineering, Mathematics, and Science courses.

Additionally, 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: Electrical and Computer Engineering 206 or Computer Science 102, 255, 313 (11 credit hours)*

<b>Junior</b>	<b>hours</b>	<b>Senior</b>	<b>hours</b>
Electrical and Computer Engineering 315, 316, 335, 342, 355, and 395	17	Electrical & Computer Engr. 400, 451-453 or 451-455	11
Computer Science 302	3	Computer Science 360	3
Electrical & Computer Engr 255, 313	7	Mathematics 300	3
		Computer Engineering Senior Electives	6
		Engineering Fundamentals 402	1
		Philosophy 241, 243, or 244	3
<b>Total</b>	<b>27</b>	<b>Total</b>	<b>27</b>

<sup>1</sup>Enrollment in MATH 1910 requires completion of MATH 1730 or an ACT math score of 26 and completion of precalculus, geometry, and trigonometry.

<sup>2</sup>Chosen from: ANT 1300; ECN 2010; POL 1020; PSY 1010, 2400; SOC 1010, 1020; WMN 2200.

<sup>3</sup>Chosen from: ART 1720, 1730; ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520; MUS 1030; PHIL 1030; THEA 1030.

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