

## UTK ARTICULATION AGREEMENT COMPUTER ENGINEERING (GS79)

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

### PELLISSIPPI STATE

Freshman	fall	spring	Sophomore	fall	spring
English 1010-1020 .....	3	3	<sup>4</sup> History Sequence .....	3	3
<sup>1</sup> Mathematics 1910-1920 .....	4	4	<sup>5</sup> Sophomore Literature .....	-	3
Engineering Science 1510-1520 .....	4	4	Mathematics 2110-2120.....	4	3
Chemistry 1110 .....	4	-	Mathematics 2010 .....	3	-
Computer Science 1050 .....	1	-	Physics 2110-2120 .....	4	4
<sup>2</sup> Humanities/Arts Elective .....	-	3	Electrical Engineering 2010-2020 .....	3	4
<sup>3</sup> Social Science Electives .....	3	3-4	<sup>2</sup> Humanities/Arts Elective .....	3	-
Speech 2100 .....	-	3			
	—	—	TOTAL	20	17
TOTAL	19	20-21			

In order to be considered for admission to the programs of Electrical Engineering or Computer Engineering, students must have earned a minimum 2.75 cumulative average in English 1010-1020, Chemistry 1110, Engineering Science 1510-1520, Electrical Engineering 2010-2020, Mathematics 1910-1920, 2120, and Physics 2110.

### UNIVERSITY OF TENNESSEE

*Transition: Computer Science 140 and Electrical & Computer Engineering 206 or Computer Science 102 at UT (Note: ECE 206 is a prereq to CS 140).*

Junior	Hours	Senior	Hours
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
Philosophy 241, 243, or 244 .....	3	Computer Engineering Senior Electives .....	6
	—	Engineering Fundamentals 402 .....	1
TOTAL	30	TOTAL	24

<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; ECN 2010; POL 1020; PSY 1010; SOC 1010, 1020.

<sup>4</sup>Select sequence from: HIST 1010-1020, 1110-1120.

<sup>5</sup>Chosen from: ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520.

## UTK TRANSFER AGREEMENT COMPUTER ENGINEERING (GS79)

This program does NOT lead to an associate's degree from Pellissippi State<sup>1</sup>.

### PELLISSIPPI STATE

Freshman	fall	spring	Sophomore	fall	spring
English 1010-1020 .....	3	3	Mathematics 2110-2120 .....	4	3
<sup>2</sup> Mathematics 1910-1920 .....	4	4	Mathematics 2010 .....	-	3
Engineering Science 1510-1520 .....	4	4	Physics 2110-2120 .....	4	4
Chemistry 1110 .....	4	-	Electrical Engineering 2010-2020 .....	3	4
Computer Science 1050 .....	1	-	<sup>4</sup> Cultures and Civilizations Electives .....	3	3
<sup>3</sup> Social Science Electives .....	-	6-7	<sup>5</sup> Humanities/Arts Elective .....	3	-
TOTAL:	<u>16</u>	<u>17-18</u>	TOTAL:	<u>17</u>	<u>17</u>

In order to be considered for admission to the programs of Electrical Engineering or Computer Engineering, students must have earned a minimum 2.75 cumulative average in English 1010-1020, Chemistry 1110, Engineering Science 1510-1520, Electrical Engineering 2010-2020, Mathematics 1910-1920, 2120, and Physics 2110.

### UNIVERSITY OF TENNESSEE

*Transition: Electrical and Computer Engineering 206 or Computer Science 102, and Computer Science 140 (8 credit hours)*

Junior	Hours	Senior	Hours
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 and Computer Engr. 255, 313 .....	7	Mathematics 300 .....	3
TOTAL:	<u>27</u>	Computer Engineering Senior Electives .....	6
		Engineering Fundamentals 402 .....	1
		Philosophy 241, 243, or 244 .....	3
		TOTAL	<u>27</u>

<sup>1</sup>Students who wish to earn an Associate's Degree and the Bachelor's Degree should follow the articulation agreement in Civil Engineering.

<sup>2</sup>Students who do not have an ACT math score of at least 26 must take MATH 1730 before MATH 1910.

<sup>3</sup>Chosen from: ANT 1300; ECN 2010; POL 1020; PSY 1010; SOC 1010, 1020.

<sup>4</sup>Chosen from: ANT 1200; HIST 1010, 1020, 1110, 1120; PHIL 2010; or an intermediate foreign language sequence (FREN 2010-2020; GERM 2010-2020; SPAN 2010-2020).

<sup>5</sup>Chosen from: ART 1720, 1730; ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520; MUS 1030; PHIL 1030; THEA 1030.