

**UTK ARTICULATION AGREEMENT**  
**NUCLEAR ENGINEERING**  
**RADIOLOGICAL ENGINEERING CONCENTRATION (GS50)**

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

**PELLISSIPPISTATE**

<b>Freshman</b>	<b>fall</b>	<b>spring</b>	<b>Sophomore</b>	<b>fall</b>	<b>spring</b>
English 1010-1020 .....	3	3	<sup>3</sup> Sophomore Literature .....	-	3
<sup>1</sup> Mathematics 1910-1920 .....	4	4	<sup>4</sup> History Sequence .....	3	3
Chemistry 1110-1120 .....	4	4	Mathematics 2110-2120.....	4	3
Computer Science 1050, 1300.....	1	2	Physics 2110-2120 .....	4	4
Speech 2100 .....	3	-	<sup>5</sup> Social Science Elective .....	-	3
<sup>2</sup> Humanities/Arts Elective .....	-	3	Engineering Science 1510-1520 .....	4	4
Philosophy 2420 .....	3	-	Engineering Science 2021 .....	2	-
Economics 2010 .....	-	4			
			TOTAL	17	20
TOTAL	18	20			

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. In order to progress into the major, students must complete this specified curriculum with a minimum grade point average of 2.4. Provisional status may be granted to students with a grade point average of 2.0-2.39. These students must then complete 12 credit hours of engineering courses (9 hours of which are specified in the department) with a minimum grade point average of 2.0.

**UNIVERSITY OF TENNESSEE**

*Summer: Electrical & Computer Engineering 301 (3 credit hours)*

<b>Junior</b>	<b>Hours</b>	<b>Senior</b>	<b>Hours</b>
Nuclear Engineering 200, 203, 301, 304, 342, 351, 431, and 470 .....	22	Nuclear Engineering 400, 403, 406, and 472 ...	11
Physics 341 .....	3	Technical Elective .....	3
Biochemistry and Cellular and Molecular Biology 230.....	5	Statistics 251 or Biochemistry and Cellular and Molecular Biology 310 or Chemistry 350 .....	3
Mathematics 403 .....	3	Mechanical Engineering 321 .....	3
Biology 140 .....	4	Engineering Fundamentals 402 .....	1
TOTAL	37	TOTAL	21

<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: ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520.

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

<sup>5</sup>Chosen from: ANT 1300; HIST 2040; POL 1020; PSY 1010; SOC 1010, 1020.