

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

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	Philosophy 2420 .....	3	-
<sup>1</sup> Mathematics 1910-1920 .....	4	4	Economics 2010 .....	-	4
Chemistry 1110-1120 .....	4	4	<sup>3</sup> Sophomore Literature .....	-	3
Computer Science 1050, 1300.....	1	2	<sup>4</sup> History Sequence .....	3	3
Engineering Science 1510-1520.....	4	4	Mathematics 2110-2120.....	4	3
Speech 2100 .....	3	-	Physics 2110-2120 .....	4	4
<sup>2</sup> Humanities/Arts Elective .....	-	3	<sup>5</sup> Social Science Elective .....	-	3
			Engineering Science 2021 .....	2	-
<b>TOTAL</b>	<b>19</b>	<b>20</b>	<b>TOTAL</b>	<b>16</b>	<b>20</b>

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

**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, 301, 304, 342, 351, 431, and 470 .....	19	Nuclear Engineering 400, 403, 406, and 472 ...	11
Mechanical Engineering 331 .....	3	Technical Elective .....	3
Physics 341 .....	3	Statistics 251 or Biochemistry and Cellular and Molecular Biology 310 or Chemistry 350 .....	3
Biochemistry and Cellular and Molecular Biology 230.....	5	Mechanical Engineering 321 .....	3
Mathematics 403 .....	3	Engineering Fundamentals 402 .....	1
Biology 140 .....	4	<b>TOTAL</b>	<b>21</b>
<b>TOTAL</b>	<b>37</b>		

<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.