

## UTK ARTICULATION AGREEMENT AEROSPACE ENGINEERING (GS10; IAER)

This program leads to an Associate of Science degree from Pellissippi State and a Bachelor of Science in Aerospace 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	<sup>4</sup> Sophomore Literature .....	3	-
Engineering Science 1510, 1520 .....	4	4	<sup>5</sup> History Sequence .....	3	3
Chemistry 1110 .....	4	-	Mathematics 2000, 2110, 2120.....	4	4
Computer Science 1050, 1300 .....	1	2	Physics 2110, 2120 .....	4	4
<sup>2</sup> Humanities/Arts Electives .....	-	6	Economics 2010 .....	-	4
Speech 2100 .....	3	-	Engineering Science 2021, 2310 ...	-	5
TOTAL	19	19	TOTAL	17	20

A lower division student may apply for progression to upper-division after completing 47 hours of lower-division engineering curriculum course work with a "C" or better in CHEM 1110, ENS 2021, ENS 2310, MATH 2120, PHYS 2110 and ME 321 from UTK and an overall GPA of at least 2.4.

### UNIVERSITY OF TENNESSEE

*Transition: Aerospace Engineering 201; Materials Science & Engineering 201; Mechanical Engineering 321, 391 (10 credit hours)*

Junior	Hours	Senior	Hours
Aerospace Engineering 341, 345, 351, 363, and 370 .....	16	Aerospace Engineering 410, 422, 424, 425, 426, 429, and 449 .....	21
Mechanical Engineering 331, 344, and 363 .....	9	Engineering Fundamentals 402 .....	1
Electrical & Computer Engineering 301 .....	3	Philosophy 241 .....	3
TOTAL	28	TOTAL	25

<sup>1</sup>Students who do not have an ACT math score of at least 26 and have not completed precalculus, geometry, and trigonometry 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.