

2016-2017 UTK Transfer Transition Guide
Major: Industrial Engineering

This program DOES NOT lead to an associate's degree from Roane State Community College. Consult with your Roane State faculty advisor to determine what additional degree courses would be required to attain an Associate of Science degree.

RED courses are milestones.

ROANE STATE COMMUNITY COLLEGE			
FIRST YEAR			
<i>Fall Semester</i>	Credit hours	<i>Spring Semester</i>	Credit hours
ENGL 1010 - Composition I	3	ENGL 1020 - Composition II	3
¹ Humanities/Fine Arts Elective	3	¹ Humanities/Fine Arts Elective	3
CHEM 1110 - General Chemistry I	4	² Social/Behavioral Science Elective	3
MATH 1910 Calculus I	4	MATH 1920 Calculus II	4
		ENGR 1120 Computer Aided Engineering	3
TOTAL	14	TOTAL	16

SECOND YEAR			
<i>Fall Semester</i>	Credit hours	<i>Spring Semester</i>	Credit hours
ENGR 2110 Statics	3	ECON 2020 - Microeconomics	3
ECON 2010 - Macroeconomics	3	³ Culture/Civilizations Elective	3
³ Culture/Civilizations Elective	3	MATH 2010 Matrix Algebra	3
MATH 2110 - Calculus III	4	PHYS 2120 Calculus Based Physics II	4
PHYS 2110 Calculus Based Physics I	4	MATH 2120 - Differential Equations	3
TOTAL	17	TOTAL	16

¹Humanities/Fine Arts elective chosen from ARTH 1030, 2010, 2020; ENGL 2010, 2110, 2310, 2320, 2520; MUS 1030; PHIL 1030; THEA 1030

²Social/Behavioral Science elective chosen from GEOG 1220; POLS 1025, 1030; PSYC 1030, 2130; SOCI 1010, 1020, 2110

³Culture/Civilizations elective chosen from HIST 1010, 1020, 1210, 1220; PHIL 201; or an intermediate foreign language sequence (FREN 2010-2020; GERM 2010-2020; SPAN 2010-2020). Note: International students (F-1, J-1) are required to study US History HIST 2010-2020.

To be considered for admission to the College of Engineering at UT requires a minimum GPA of 2.80 and a C or better in ENGL 1010, MATH 1910, and CHEM 1110. These minimum standards for consideration do not guarantee being admitted. The final admission decision for the major resides with the department head or designee. If the student has completed any physics course, he/she must have a grade of C or better. The overall record will be evaluated for quality and seriousness of purpose. An excessive number of withdrawals, incompletes, repeated courses, or failures may result in denial.

UNIVERSITY OF TENNESSEE, KNOXVILLE

THIRD YEAR

<i>Fall Semester</i>	Credit hours	<i>Spring Semester</i>	Credit hours
IE 250	1	ME 331	3
IE 200	3	IE 202	3
IE 405	3	ECE 301	3
MSE 201	3	⁴ IE Technical Elective	3
⁴ IE Technical Elective	3	EF 230	2
TOTAL	13	TOTAL	14

FOURTH YEAR

<i>Fall Semester</i>	Credit hours	<i>Spring Semester</i>	Credit hours
IE 350	1	IE 406	3
IE 401	3	IE 404	2
IE 301	3	IE 310	3
IE 300	3	IE 340	3
IE 304	3	IE 427	3
IE 402	3	IE 421	3
TOTAL	16	TOTAL	17

FIFTH YEAR

<i>Fall Semester</i>	Credit hours
IE 450	1
IE 422 (OC & WC)	2
PHYS 231	3
⁵ IE Elective	3
⁵ IE Elective	3
TOTAL	12

⁴IE technical elective chosen from AE 341 or 347; BUAD 361, 410; BULW 301; COSC 102; ECE 255, 302; ECON 311, 312, 313, 322, 331, 333, 351, 361; 3 hours of EF 333; FINC 300, 425, 455; IE 423, 430, 457, 483, 484; INSC 310, 451; MARK 300; MGT 300; MSE 302, 340 or 347, 360 or 367, 390 or 397, 405; ME 321, 363 or 367, 365, 366, 405; NE 342 or 347. Some courses may require a prerequisite or corequisite that is not part of the IE program.

⁵IE elective chosen from IE 423, 430, 457, 483, 493, 494, 495. The same course may not be used to count for both the IE technical elective and the IE elective.

RSCC Hours	63
UTK Hours	72
Total	135

TRANSFER TRANSITION GUIDES

These guides, unless otherwise stated, provide an eight-semester plan for earning an associate degree at Roane State Community College and a baccalaureate degree at the University of Tennessee, Knoxville. When students enter UT Knoxville, they must meet the standards and follow the procedures outlined in the University's current Undergraduate Catalog.

1. Student transferring to UT Knoxville from two-year institutions must complete 60 semester hours at a senior institution.

2. The final 30 semester hours must be completed in residence at UT Knoxville.

3. Transfer students will have their progress tracked with uTrack – a tool that identifies milestones that are designed to keep students on track for timely graduation. For the 2016-2017 Transfer Transition Guides, milestone courses are indicated in **red**. Transfer students and counselors should review the UT Knoxville catalog (<http://catalog.utk.edu/>) for question concerning milestone completion for specific majors.

4. Students whose native language is **not** English may complete the foreign language requirement found in many transition guides by completing the English Composition requirement and any two-course literature sequence.

5. Grades earned at other colleges and universities are used only for admission, course placement, and other academic decisions at UT Knoxville. Although grades earned at other colleges and universities are not included in the UT Knoxville GPA, many UT Knoxville programs require a grade of "C" or higher in certain courses – including freshman composition.