

2016-2017 UTK Transfer Transition Guide
Major: Nuclear Engineering

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

RED courses are milestones.			
WALTERS 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 Culture/Civilizations Elective	3	¹ Culture/Civilizations Elective	3
CHEM 1110/1111 - General Chemistry I and lab	4	CHEM 1120/1121 - General Chemistry II and lab	4
MATH 1910 - Calculus I	4	MATH 1920 - Calculus II	4
		CPSC 2170/2171 - Computer Programming for Math/Engineering and lab	3
TOTAL	14	TOTAL	17

SECOND YEAR			
<i>Fall Semester</i>	Credit hours	<i>Spring Semester</i>	Credit hours
ECON 2010 - Macroeconomics	3	³ Social/Behavioral Science	3
PHYS 2110/2111 - Physics I	4	ECON 2020 - Microeconomics	3
ENGR 2110 - Statics	3	PHYS 2120/2121 - Physics II	4
MATH 2110 - Calculus III	4	² Humanities/Fine Arts Elective	3
² Humanities/Fine Arts Elective	3	MATH 2120 - Differential Equations	3
TOTAL	17	TOTAL	16

¹Culture/Civilizations elective chosen from HIST 1110-1120; PHIL 2210; or an intermediate foreign language sequence (FREN 2010-2020; SPAN 2010-2020). Note: International students (F-1, J-1) are required to study US History HIST 2010-2020.

²Humanities/Fine Arts elective chosen from ARTH 1030, 2010, 2020; ENGL 2110, 2120, 2210, 2220, 2410, 2420; HUM 2010; MUS 1030; PHIL 1030, 2400; THEA 1030

³Social/Behavioral Science elective chosen from GEOG 1030, 2010; POLS 1030, 2100; PSYC 1030, 2130; SOCI 1010, 1020, 1240

*Students can earn an Associate of Science degree in Pre-Engineering by completing HIST 1110-1120 in order to satisfy the WSCC history requirement as well as the UTK Cultures and Civilizations requirement. Students would also need to take these additional courses which are not requirements at UTK: one English literature course, SPCH 1010, and successfully complete of the computer competency requirement (www.ws.edu/academics/technical-ed/computer-competency/). Students who have questions or would like more information regarding the associate degree requirements need to contact their WSCC advisor.

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 1110/1111. 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

Progression: A lower division student may apply for progression to upper division after completing CHEM 120-130, MATH 141-142, MATH 231, EF 151-152, and PHYS 231 with a grade of C or better in each, and an overall GPA of at least 2.5.

Nuclear Graduation Requirements: Students are required to maintain a cumulative GPA of at least 2.0 in all Nuclear engineering courses taken at UTK. No more than four (4) credit hours of nuclear engineering courses in which a C- or lower is the highest grade earned may be counted toward graduation.

UNIVERSITY OF TENNESSEE, KNOXVILLE

THIRD YEAR

<i>Fall Semester</i>	Credit hours	<i>Spring Semester</i>	Credit hours
NE 200	2	NE 401	4
ME 331	3	NE 233	3
ECE 301	3	NE 470	3
NE 362	3	PHYS 232	4
PHYS 231	3	MSE 201	3
EF 230	2		
TOTAL	16	TOTAL	17

FOURTH YEAR

<i>Fall Semester</i>	Credit hours	<i>Spring Semester</i>	Credit hours
NE 351	3	NE 400	1
NE 342	3	NE 360	4
ME 321	3	NE 406	3
PHYS 341	3	NE 472	3
NE 402	4	⁴ Technical Elective	6
NE 471	1		

TOTAL	17	TOTAL	17
--------------	-----------	--------------	-----------

⁴Technical electives are selected from upper-division mathematics, chemistry, physics, and engineering courses and must be preapproved by the department. Courses in nuclear engineering, other than 500, 502, and 598, may also be used as technical electives.

Walters State Hours	64
UTK Hours	67
Total	131

Transfer Transition Guides

These guides, unless otherwise stated, provide an eight-semester plan for earning an associate degree at Walters 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.