

ENGINEERING TRANSFER (ENGN)

ASSOCIATE IN SCIENCE (A.S.) DEGREE

Knight Campus, Warwick only

Successful completion of this program enables qualified students to transfer to an accredited engineering curriculum at a four-year college or university to earn a Bachelor of Science degree in an engineering field.

This program provides a firm background in basic engineering principles. The curriculum includes a strong foundation in mathematics, the basic sciences and engineering fundamentals, as well as a good portion of liberal arts courses. A strong background in high school mathematics with a minimum of two years of algebra or the equivalent is required for admission into the Engineering program.

GENERAL EDUCATION REQUIREMENTS

COURSE NO.		COURSE TITLE	CREDITS
<input type="checkbox"/> CHEM 1030	P	General Chemistry I	5
<input type="checkbox"/> ENGL 1010*		Composition I*	3
<input type="checkbox"/> Electives		Select three credits from any academic area	3
<input type="checkbox"/> Humanities Electives		See pg. 17 for list of courses that meet this requirement	6
<input type="checkbox"/> Humanities (not Art Studio) OR Social Science Elective		See pg. 17 for list of courses that meet this requirement	3
<input type="checkbox"/> MATH 1510*		Scientific Programming	3
<input type="checkbox"/> MATH 1910	P	Calculus I (take Placement test prior to summer session)	4
<input type="checkbox"/> MATH 1920	P	Calculus II	4
<input type="checkbox"/> MATH 2910	P	Calculus III	4
<input type="checkbox"/> MATH/ Science Elective		Select three credits from MATH 2900, ASTR, CHEM, OCEN, BIOL, GEOL, PHYS)	3
<input type="checkbox"/> PHYS 1100		Engineering Physics	4
<input type="checkbox"/> Social Science Elective		See pg. 17 for list of courses that meet this requirement	3
Total General Education Credits			45

* Placement test required. Some students may be required to complete MATH 1900 and/or ENGL 1005 also.

MAJOR REQUIREMENTS

COURSE NO.		COURSE TITLE	CREDITS
<input type="checkbox"/> ENGR 1020		Introduction to Engineering and Technology	3
<input type="checkbox"/> ENGR 1030	P	Engineering Graphics	3
<input type="checkbox"/> ENGR 2050	P	Engineering Mechanics-Statics	3
<input type="checkbox"/> ENGR 2060	P	Engineering Mechanics-Dynamics	3
<input type="checkbox"/> ENGR 2150	P	Introduction to Electrical Engineering	3
<input type="checkbox"/> ENGR 2151	P	Introduction to Electrical Engineering Lab	1
<input type="checkbox"/> ENGR 2160	P	Introduction to Engineering Analysis	2
<input type="checkbox"/> ENGR 2540	P	Mechanics of Materials for Engineering	3
<input type="checkbox"/> ENGR 2620	P	Linear Electrical Systems and Circuit Theory for Engineers	3
Total Major Requirements Credits			24

Total Program Credits

69

TIPS:

Students interested in transferring to the URI Engineering program should consult the Transfer Guide available online at <http://www.ribghe.org/transferguide.htm>

Select elective courses in consultation with a faculty advisor.

P This course has a prerequisite. See Course Descriptions section for class hours, prerequisites and corequisites.