

**ENGINEERING TRANSFER (ENGN)****ASSOCIATE IN SCIENCE (A.S.) DEGREE*****Knight Campus, Warwick***

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"/> ENGL 1010*	Composition I*	3
<input type="checkbox"/> MATH 1910*	Calculus I (take Placement test prior to summer session)	4
<input type="checkbox"/> CHEM 1030	<b>P</b> General Chemistry I	5
<input type="checkbox"/> Liberal Arts Electives	Select 12 credits from English, Fine Arts (not studio), Foreign Language, Social Science	12
<input type="checkbox"/> MATH 1510	Scientific Programming	3
<input type="checkbox"/> PHYS 1100	Engineering Physics	4
<input type="checkbox"/> MATH 1920	<b>P</b> Calculus II	4
<input type="checkbox"/> Physical Science Elective	Select 3 credits from MATH (except 0500 0600, 0700) ASTR, CHEM, OCEN, BIOL, GEOL, PHYS)	3
<input type="checkbox"/> MATH 2910	<b>P</b> Calculus III	4
<input type="checkbox"/> General Electives	Select 3 credits from any academic area	
<b>Total General Education Credits</b>		<b>45</b>

\* 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	Intro. to Engineering and Technology	3
<input type="checkbox"/> ENGR 1030	Engineering Graphics	3
<input type="checkbox"/> ENGR 2050	<b>P</b> Engineering Mechanics Statics	3
<input type="checkbox"/> ENGR 2060	<b>P</b> Engineering Mechanics-Dynamics	3
<input type="checkbox"/> ENGR 2150	<b>P</b> Intro. to Electrical Engineering	3
<input type="checkbox"/> ENGR 2151	<b>P</b> Intro. to Electrical Engineering Lab	1
<input type="checkbox"/> ENGR 2160	<b>P</b> Introduction to Engineering Analysis	2
<input type="checkbox"/> ENGR 2540	<b>P</b> Mechanics of Materials for Engineering	3
<input type="checkbox"/> ENGR 2620	<b>P</b> Linear Electrical Systems & Circuit Theory	3
<b>Total Major Requirements Credits</b>		<b>24</b>

**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.