



PATHWAYS



**YOUR MAP TO
COMPLETION**

General Studies					
Associate in Science / Short-Term Certificate Concentration in Pre-Engineering					
Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	MTH 125	Calculus I	4	Fa Sp Su	Required III
	*HIS 201	United States History I	3	Fa Sp Su	Required IV
	*MUS 101	Music Appreciation	3	Fa Sp Su	Required II
	*CIS 251	C++ Programming	3	Fa Sp Su	Elective V
Semester 2	ENG 102	English Composition II	3	Fa Sp Su	Required I
	MTH 126	Calculus II	4	Fa Sp Su	Required III
	*HIS 202	United States History II	3	Fa Sp Su	Required IV
	MTH 227	Calculus III	4	Fa Sp Su	Required III
	*PHL 206	Ethics and Society	3	Fa Sp Su	Required II
Semester 3	*ENG 251	American Literature I	3	Fa Sp Su	Required II
	CHM 111	Chemistry I	4	Fa Sp Su	Required III
	PHY 213	Physics with Calculus I	4	Fa Sp Su	Elective V
	*PSY 200	General Psychology	3	Fa Sp Su	Required IV
Semester 4	*#ENG 252	American Literature I	3	Fa Sp Su	Elective V
	CHM 112	Chemistry II	4	Fa Sp Su	Required III
	PHY 214	Physics with Calculus II	4	Fa Sp Su	Required III
	*#SOC 200	Introduction to Sociology	3	Fa Sp Su	Elective V
Pre-Engineering AS Total Hours 62					
General Studies Short-Term Certificate Total Hours 29					

*May be substituted per advisor's approval

#For all Engineering majors, Area II and Area IV may be reduced to 9 credit hours; the recommended substitutions for these courses include (but will not be limited to) MTH 237 and MTH 238

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <http://stars.troy.edu/>

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