



<b>Program: Technology Studies AAS (60 credits)</b>		<b>Division: Science/Math</b>	
Student:	ID#:	Catalog Yr: 2015-16	

**GENERAL EDUCATION REQUIREMENTS –AAS (24-25 credits)**

√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Code <sup>^</sup>
	ORI-103	College Success Strategies	3	X		All & OL	
	COM-121*	English Composition I	3	X	COM-061 or ESL-060 and COM-050/1 or ESL-050 (C or higher)	All & OL	WC/IL
	IFT-110	Microcomputer Applications	3	X	MAT-020	All & OL	TC
<b>HUMANITIES: 6 credits</b>							
	COM-141	Technical Writing	3	X	COM-121 or COM-122 (C or better)	F/Sp & OL	OC
<b>Select 1 course from the following:</b>							
	ART-111	Introduction to Drawing	3	X	COM-061 or ESL-060 and COM-050/1 or ESL-050	All	AU
	ART-201	Art Appreciation	3		COM-121 or COM-122	All & OL	AU
	COM-110	Intro. to Creative Writing	3		COM-061 or ESL-060 and COM-050/1 or ESL-050	Fall/Sp	AU
	ENG-125	Introduction to Literature	3		COM-121 or COM-122 (C or higher)	All	AU
	PHI-271	Philosophy	3		COM-121 or COM-122	All	AU
	PHI-275*	Ethics	3		COM-121 or COM-122	Fall/Sp	AU
<b>MATHEMATICS: 3 credits (Select 1 course)</b>							
	MAT-110	Algebra II	3	X	MAT-035	All & OL	QR/CA
	MAT-150	Foundations of Math			MAT-030, COM-061 or ESL-060	All & OL	QR/CA
	MAT-210	Statistics			MAT-030, COM-61 or ESL-060, COM050/1 or ESL-050	All & OL	QR/CA
<b>NATURAL/PHYSICAL SCIENCES: 4 credits</b>							
<b>Select 1 course from the following:</b>							
	BIO-120	Biological Concepts	4	X	COM 061 or ESL 060; MAT 020	All	SR
	BIO-150	Biology I			COM 061 or ESL 060, COM 050 or COM 051 or ESL 050, CHE 120 or high school Chemistry with a "C" or better; MAT 030	All	SR
	CHE-120	Principles of Chemistry			COM 061 or ESL 060; MAT 030 with a "C" or better	All	SR
	CHE-150	Chemistry I			CHE-120 with a "C" or better (or high school Chemistry within last 3 years), MAT-110 with a "C" or better	Fall	SR
	PHY-120	Principles of Physics			COM-061 or ESL-060, MAT-030 with a "C" or better	Fall/Sp	SR
	PHY-150	Applied Physics			COM-061 or ESL-060, MAT-110	Fall/Sp	SR
<b>SOCIAL SCIENCES: 3 credits</b>							
	PSY-130*	General Psychology	3	X	COM-061 or ESL-060 and COM-050/1 or ESL-050	All & OL	CU

\*Sections of these courses offered in the Honors Program, check <http://www.racc.edu/Academics/Honors/courses.aspx> for details.

^Code	This course fulfills the Core Competency for:
WC/IL	Written Communication/Information Literacy
OC	Oral Communication
QR/CA	Quantitative Reasoning/Critical Analysis
CU	Cultural Understanding
AU	Aesthetic Understanding
SR	Scientific Reasoning
TC	Digital/Technical Competence



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**MAJOR REQUIREMENTS (36-37 credits)**

√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	IFT-120	Advanced Microcomputer Applications	3		IFT-110, COM-121 or COM-122	All	
	LIB-113	Internet Research Strategies	3		COM-021 or ESL-020	OL only	
	MAT-160	College Algebra	3		MAT-110 with a grade of "C" or better or placement by assessment	All & OL	
	ENV-130*	The Environment	3		COM-061 or ESL-060	All & OL	
	SOC-130*	Sociology	3		COM-061 or ESL-060, COM-050/1 or ESL-050	All & OL	
	Select 24 credits of technology electives in consultation with an advisor to create a cohesive program designed to meet the student's occupational goals. A minimum of 15 credits of technology courses should establish a concentration of knowledge and skills in one technical area.  Up to 20 credits of technology courses may be completed by articulation of technical center courses, prior learning, or military training through the RACC Assessment Center following current RACC policies.						

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