



**Program: Medical Laboratory Technician AAS (68 credits) Division: Health Professions**

Student:	ID#:	Catalog Yr: 2015-16
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Curriculum Prerequisites						
ORI-102	College Success Strategies	2	X			All & OL
MAT-110	Algebra II	3	X	MAT-035 (C or better)		All
CHE-120	Principles of Chemistry or high school Chemistry	4	X	COM-061 or ESL-060, MAT-030		All
BIO-150	Biology I	4	X	COM-061 or ESL-060 and COM-050/1 or ESL-051, CHE-120 or high school Chemistry, MAT-020		All

**GENERAL EDUCATION REQUIREMENTS –AAS (22 credits)**

√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Code^
	COM-121*	English Composition I	3	X	COM-061 or ESL-060 and COM-050/1 or ESL-051 (C or better)	All & OL	WC/IL
	IFT-110	Microcomputer Applications	3	X	MAT-020	All & OL	TC

**HUMANITIES: 6 credits**

<b>Select 1 course from the following:</b>							
	COM-151*	Fundamentals of Speech	3	X	COM-061 or ESL-060 and COM-050/1 or ESL-051	All	OC
	COM-141	Technical Writing	3		COM-121 or COM-122 (C or better)	F/Sp	OC
<b>Select 1 course from the following:</b>							
	PHI-271	Philosophy	3	X	COM-121 or COM-122	All	AU
	PHI-275*	Ethics	3		COM-121 or COM-122	F/Sp	AU

**MATHEMATICS: 3 credits (Select 1 course)**

	MAT-210	Statistics	3	X	MAT-030, COM-061 or ESL-060, COM-050/1 or ESL-051	All & OL	QR/CA
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**NATURAL/PHYSICAL SCIENCES: 3 or 4 credits (Select 1 course)**

	BIO 250	Anatomy & Physiology 1	4	X	BIO 150	All	SR
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**SOCIAL SCIENCES: 3 credits (Select 1 course)**

	PSY-130*	General Psychology	3	X	COM-061 or ESL-060 and COM-050/1 or ESL-051	All & OL	CU
	SOC-130*	Sociology	3		COM-061 or ESL-060 and COM-050/1 or ESL-051	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 (46 credits)**

<b>FALL SEMESTER 1</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	MLT-110	Intro to Clinical Lab	1	X	COM-061 or ESL-060 and COM-050/1 or ESL-050/1; MAT-020	Fall	
	CHE-150	Chemistry I	4	X	CHE-120, MAT-110	Fall	
<b>SPRING SEMESTER 1</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	BIO-255	Anatomy & Physiology 2	4	X	BIO-250 within 5 years	All	
	MLT-120	Basic Immunology	2	X	COM-061 or ESL-060; BIO-150, CHE-120 or high school Biology and Chemistry within 5 years	Spring	
	HEA-220	Clinical Implications of Lab Tests	1	X	COM-061 or ESL-060	Fall/Spring	
	CHE-250	Organic Chemistry I	4	X	CHE-150, BIO-150	Spring	
	CHE-251	Biomolecules	1	X	CHE-150; co-req CHE-250	Spring	
<b>FALL SEMESTER 2</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	CHE-260	Theory of Chemical Instrumentation	2	X	CHE-150; IFT-110	Fall	
	BIO-280	Microbiology	4	X	BIO-150; COM-061 or ESL-060 and COM-050/1 or ESL-050/1	All	
	MLT-211	Clinical Lab Tech	4	X	MLT-120; Selective Admission	Fall	
<b>INTERIM JANUARY SESSION</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	MLT-222	Clinical Urinalysis	1	X	MLT-211; Co-req MLT-233	Spring	
	MLT-233	Clinical Serology	1	X	MLT-211; Co-req MLT-222	Spring	
<b>SPRING SEMESTER 2</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	MLT-220	Clinical Hematology/Coag	5	X	MLT-211; Co-req MLT-231, 230, 221	Spring	
	MLT-221	Clinical Chemistry	4	X	MLT-211; Co-req MLT-231, 230, 220	Spring	
	MLT-230	Clinical Blood Bank	4	X	MLT-211; Co-req MLT-231, 221, 220	Spring	
	MLT-231	Clinical Microbiology	4	X	MLT-211; Co-req MLT-230, 221, 220	Spring	

**Advisor's Contact Information:**

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