

**CLINICAL LABORATORY TECHNICAL ARTICULATION AGREEMENT BETWEEN  
ROCHESTER COMMUNITY AND TECHNICAL COLLEGE TO THE  
UNIVERSITY OF NORTH DAKOTA  
Rochester, MN - Associate of Science Degree General/Lab Science**

<u>General College Courses Transferred</u>	<u>Semester Credits</u>	
Engl 1117 or 1917	Reading & Writing Critically I (or Honors) . . . . .	4
Engl 1109 or 1118	Technical Report Writing or Reading & Writing Critically II . . . . .	3
Spch 1114	Fundamentals of Public Speaking . . . . .	3
Biol 1220	Concepts of Biology . . . . .	4
Biol 1230	Survey of Life Forms . . . . .	4
Chem 1127, 1128	Chemical Principles I & II . . . . .	8
Chem 1118	Biochemistry . . . . .	4
Math 1115	College Algebra . . . . .	3
Soc Sci	Psyc 2618 General Psychology (Recommended) . . . . .	4
Humanities	Phil 1125 Ethics (Recommended) . . . . .	3
Soc 1614	Introduction to Sociology (Recommended) . . . . .	3
Biol 1217, 1218	Anatomy and Physiology I & II . . . . .	8
Biol 2021	Microbiology . . . . .	4
Chem 2100	Survey of Organic Chemistry . . . . .	4
HCCC 1100	Introduction to Medical Laboratory . . . . .	2
BTEC 1600	Introduction to Medical Terminology . . . . .	2
	<b>Total Semester Credits . . . . .</b>	<b>63</b>

<u>University of North Dakota Courses Needed</u>	<u>Semester Credits</u>	
*Humanities	Elective (World Cultures) . . . . .	3
CLS 234/234L	Human Parasitology and Lab . . . . .	3
Soc Sci	Econ 201 Principles of Microeconomics (Recommended) . . . . .	3
*Humanities	Elective . . . . .	3
CLS 301	Immunology . . . . .	2
CLS 325/325L	Hematology and Lab . . . . .	5
CLS 336	Laboratory Calculations . . . . .	1
CLS 393	Immunohematology/Immunology Laboratory . . . . .	2
CLS 394	Medical Microbiology . . . . .	2
Mgmt 305	Managerial Concepts . . . . .	3
CLS 470	Clinical Immunohematology I . . . . .	1
CLS 471	Clinical Chemistry Theory . . . . .	2
CLS 473	Clinical Hemostasis . . . . .	2
CLS 474	Clinical Microscopy and Urinalysis . . . . .	2
CLS 475	Clinical Body Fluids . . . . .	1
CLS 477	Clinical Immunohematology Theory . . . . .	1
CLS 478	Clinical Microbiology Theory and Laboratory . . . . .	2
CLS 480	Clinical Immunohematology II . . . . .	2
CLS 481	Clinical Chemistry I . . . . .	3
CLS 482	Clinical Hematology I . . . . .	2
CLS 483	Clinical Laboratory I . . . . .	1
CLS 484	Clinical Microbiology I . . . . .	2
CLS 485	Clinical Laboratory III . . . . .	1
CLS 486	Clinical Immunology . . . . .	1
CLS 487	Medical Mycology . . . . .	1
CLS 490	Financial and Quality Management of the Clinical Laboratory . . . . .	3

