

IT IS IMPORTANT TO SEE AN M.C.C. COUNSELOR EACH SEMESTER FOR ACADEMIC ADVISING. TO SCHEDULE AN APPOINTMENT CALL (231) 777-0362.

Muskegon Community College Curriculum Guide

**Curriculum: CLINICAL LABORATORY SCIENCE (MEDICAL TECHNOLOGY)
GRAND VALLEY STATE UNIVERSITY**

Curriculum Code: G12

The following courses will fulfill requirements for the Associate in Science and Arts Degree. It is designed for students who plan to transfer to G.V.S.U. and major in Clinical Laboratory Science after completing the A.S.A. degree at M.C.C.

REQUIRED FOUNDATIONAL SKILLS – You must demonstrate a minimum level of achievement, either by successful testing or satisfactory course completion (a grade of “C” or better) in four areas:	
1. Writing	English 085, 089, 091 or 114
2. Reading	Reading 040A or 040C
3. Math	Mathematics 050 or 107 (or complete higher level course)
4. Computers	CIS 100 or any other CIS course (Consult a counselor regarding transferability. CIS 110 or 120A are strongly recommended.)
English, Reading and Mathematics Placement Tests may be required and are available in Testing Services, located in Room 134 – 777-0394. English and Reading placement tests may be waived if you show documentation of a proficiency level 1 or 2 on the high school MEAP or MME writing and reading tests or if you have an ACT composite score of 22 or greater. The Mathematics placement test may be waived if you show documentation of a score of 28 or above on the ACT Math test.	

<u>GENERAL EDUCATION</u>	<u>MINIMUM CREDITS</u>
<u>COMMUNICATION</u>	
English 101 and 102 English Composition	6
<u>SCIENCE/MATH</u>	
Chemistry 100Lec & 100A Fundamentals of Chemistry, Lec & Lab (prerequisite: Mathematics 050)	5
<u>or</u>	
Chemistry 109Lec & 109A Chemistry for Health Science, Lec & Lab (prereq.: Math 041 or 050)	5
Mathematics 115 Probability & Statistics (prerequisite: Mathematics 050)	3
<u>or</u>	
Business 105 Business Statistics “ “	3
<u>THE HUMAN EXPERIENCE</u>	
<u>AESTHETIC VALUES</u>	3
Art 104, 105B (was 105), 107, 108, 109, 204B (was 204), 205, 207, 208, 209, 211	
Dance 100, 101, 102, 106, 200, 201, 206, 213, 218	
English 208 (or Communications 203), 223	
Music – any 100 level or above course	
Theater 101, 102, 108, 120, 141, 142, 144, 145, 147, 148, 160, 201, 202, 203, 210, 212, 217, 260	
<u>ETHICS AND LOGIC</u>	3
Philosophy 101, 102, 104, 202, 204, 205, 207	
<u>SOCIAL RELATIONSHIPS</u>	3
Economics 101, 102, 130	
Psychology 102, 201, 202, 203, 205A, 207, 208, 210 (same as Sociology 210)	
Sociology 101, 102, 202, 203, 206, 210 (same as Psychology 210)	
Women’s Studies 101	

	<u>MINIMUM CREDITS</u>
<u>HUMAN CULTURES</u>	
<u>WESTERN WORLD</u>	3
Art 198, 199, 202	
English 200, 201, 204, 205, 206, 210, 213, 225, 226, 227, 228	
History 101, *102, 204	
Humanities 195	
Music 103	
Political Science 203	
Theater 201	
<u>AMERICAN</u>	3
History 201, 202, 207, 211	
Political Science 111, 205	
<u>INTERNATIONAL</u>	3
If the credit hours from AMERICAN CULTURES and SOCIAL RELATIONSHIPS total less than 8 credits, the choices are:	
Anthropology 103, 110	
Geography 104 (was 102A, 102C), 105	
History 195	
Political Science 202, 211	
If the credit hours from AMERICAN CULTURES and SOCIAL RELATIONSHIPS total 8 credits or more, then <u>other</u> options are:	
English 207, 211, 218	
French 101, 102, 201, 202	
German 101, 102, 201, 202	
History *210	
Philosophy 203, 210	
Spanish 101, 102, 201, 202	
<u>PHYSICAL EDUCATION</u>	2
Choose one from PEA 101A, 103, 104A, 118, or 201 and one PEA or DNC credit hour of choice.	
CHOOSE FROM THE FOLLOWING FOR A <u>TOTAL</u> OF 62 CREDITS	
<u>G.V.S.U. BASIC SKILL REQUIREMENT</u>	0-4
One course from: Mathematics 050, 109, 111, 112, 161 (or proficiency testing at G.V.S.U.)	
<u>ADDITIONAL G.V.S.U. GENERAL EDUCATION REQUIREMENTS</u>	
Choose one course from the following if not taken to fulfill a general education requirement:	0-4
Anthropology 110; English 211; Foreign Language 202; Geography 105; Philosophy 210; Political Science 211	
Choose one course from the following if not taken to fulfill a general education requirement:	0-3
Anthropology 103; Sociology 102, 202	
<u>MAJOR RELATED COURSES</u>	
Biology 100 (10A,F,G,H) <u>or</u> (10A,E,F,G) <u>or</u> Biology 103Lec & 103A Introductory Biology, Lec & Lab (Biology 100 modules are no longer being offered.)	4
Biology 105Lec & 105C Anatomy and Physiology I, Lec & Lab (Both must	4
Biology 106Lec & 106A Anatomy and Physiology II, Lec & Lab be taken)	4
Biology 207Lec & 207A Microbiology, Lec & Lab	4
AH 101 Medical Terminology	3
<u>COGNATE REQUIREMENTS</u>	
B.S. – Fulfilled with major requirements.	
<u>ELECTIVE(S)</u>	variable

TOTAL	62

NOTES:

*G.V.S.U. awards the same equivalency credit for M.C.C.'s History 102 and 210. Students are advised not to take both courses at M.C.C. if they wish to transfer to G.V.S.U.

Transfer students are required to have a minimum transfer GPA of 2.5.

Students interested in the Clinical Laboratory Science (CLS) program at G.V.S.U. are urged to contact the Student Services Office at the College of Health Professions at (616) 331-5900 during their third semester at M.C.C. This is a secondary admit program. Application deadline is February 1 of the Sophomore year. Minimum GPA is 2.8.

Students should check the M.C.C. catalog for course prerequisites.

It is recommended that those interested in Clinical Laboratory Science become familiar with the Clinical Laboratory Science section in the G.V.S.U. catalog (www.gvsu.edu/cls); copies are available in Room 1106 in the Stevenson Center for Higher Education.