

**KELLOGG COMMUNITY COLLEGE**  
*Curriculum Guide for Transfer to: Western Michigan University*  
**Curriculum: Mathematics**

Minimum Required Credits

<b>Group I. Communications Group Requirement</b> .....	6
Take ENGL 151 and 152.	
<b>Group II. Wellness Group Requirement</b> .....	2
Take one of the following: PEC 121, or 150 through 160.	
<b>Group III. Social Science Group Requirement</b> .....	8
Take one of the following: POSC 200, 201, 202; SOCI 201; or HIST 104.	
Take one of the following: ECON 201, 202; or SOCI 201.	
Take one of the following: ANTH 200; HIST 201, 202, 203; SOCI 204, 250.	
<b>Group IV. Sciences and Mathematics Group Requirement</b> .....	9
Take CHEM 110.	
Take MATH 141.	
<b>Group V. Humanities Group Requirement</b> .....	8
Take one of the following: LITE 205, 206, 223.	
Take one of the following: HIST 151, 152.	
Take a minimum of two credit hours from the following subject areas: ART 211, 212, 213; HUMA 150, 205; LITE 105, 216; MUSI 211, 212; THEA 121, or 122.	

Completion of course requirements in Groups I, III, IV and V satisfies the MACRAO Agreement between KCC and Western Michigan University.

*Take all of the following:*

OIT 100 or OIT 160	Introduction to Computer Information Systems Applications Software	3
MATH 142	Calculus II	5
MATH 241	Calculus III	4
MATH 242	Differential Equations	4
FREN; GERM; JAPA; or SPAN	Foreign Language	8

*WMU requires two consecutive semesters of the same foreign language.  
This requirement may be completed by WMU proficiency examination, or by two years  
of a foreign language in high school with a "B-" or better in the final semester.*

Substitute PHYS 201 and 202 for PHYS 111 and 112 if you plan to take the Applied Math option at WMU.

NOTE: Students will need to complete COMM 101 to satisfy KCC graduation requirements for all Associate degrees. Please consider this requirement when speaking to an Academic Advisor regarding your options for completing your transfer program.