

**ARTICULATION AGREEMENT**  
**Kettering University**  
**(Formerly GMI Engineering & Management Institute)**

and


**Northwestern Michigan College**

KETTERING UNIVERSITY and NORTHWESTERN MICHIGAN COLLEGE agree to an academic articulation that includes the areas of computer, electrical, industrial and mechanical engineering; computer science; business management; environmental chemistry; applied mathematics; and applied physics.

This articulation provides students with guidance, including a formal guide sheet for their intended program, which enables them to initiate their college studies at Northwestern Michigan College and complete their Bachelor of Science degree from Kettering University.

This articulation is intended to ensure the smoothest possible transition of the student and the transfer of credits required for the desired baccalaureate degree program at Kettering University. Students will be guaranteed admission to Kettering University if they meet the Kettering admission requirements listed later in this agreement.

This articulation agreement will be reviewed every three years.

  
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James E. A. John, PhD  
President  
KETTERING UNIVERSITY

11/21/03  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Timothy Nelson  
President  
NORTHWESTERN MICHIGAN COLLEGE

1/13/05  
\_\_\_\_\_  
Date



# Kettering University

*Formerly GMI Engineering & Management Institute*  
 Articulation Agreement with NORTHWESTERN MICHIGAN COLLEGE  
 ENGINEERING CURRICULUM TRANSFER GUIDE

Kettering	CR	Engineering	Northwestern	CR
CHEM135	3	Principles of Chemistry &	CHM150 &	4
CHEM136	1	Principles of Chemistry Lab	CHM150R	1
CHEM145*	3	Industrial Organic Chemistry &	CHM250	5
CHEM146	1	Industrial Organic Chemistry Lab		
COMM101	4	Written & Oral Communication I	ENG111 or ENG112	4 4
ECON201	4	Economic Principles	ECO121 or ECO201 or ECO202	3 3 3
HUMN201	4	Introduction to Humanities ( <i>Select one</i> )	HUM101 or HUM102 or ENG240	3 3 3
MATH101	4	Calculus I	MTH141	5
MATH102	4	Calculus II	MTH142	5
MATH203	4	Multivariate Calculus	MTH241	4
MATH204	4	Differential Equations & Laplace Transforms	MTH251	4
MECH210	4	Mechanics I	EGR201	5
MECH212**	4	Mechanics II	EGR201 & EGR202	5 5
MECH310**	4	Mechanics III	EGR202	5
PHYS114	3	Physics I: Newtonian Mechanics	PHY221	4
PHYS115	1	Physics I: Newtonian Mechanics Lab	PHY221R	1
PHYS224	3	Physics II: Electromagnetism &	PHY222	4
PHYS225	1	Physics II: Electromagnetism Lab	PHY222R	1
SSCI201	4	Introduction to Social Science ( <i>Select One</i> )	GEO109 or PLS211 or SOC101 or SOC113	3 3 3 3
<b>TOTALS</b>	<b>60</b>			<b>71</b>

*Must have grades of "C" or better for courses to transfer.*

\* For EE & CE Programs, this course may be used as a Science Elective

\*\*These courses are required for ME degree only. For EE & CE Programs these courses may be used as a Free Elective.

Kettering University – Registrar's Office  
 1700 West Third Avenue – Flint, MI 48504-4898  
 Call Toll-free in USA and Canada at 1-800-955-4464, extension 7476  
 URL: <http://www.kettering.edu> Email: [registrar@kettering.edu](mailto:registrar@kettering.edu)