

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**KETTERING UNIVERSITY**

**Majors:** *All Majors*

**Valid For:** **Lawrence Technological University 2008-2009 Catalog**  
**Kettering University 2009-2010 Catalog**

Kettering University Courses	Lawrence Technological University Equivalencies
Transferable Coursework for Engineering Majors	
CHEM 137 + 138 Or CHEM 135 + 136	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
PHYS 114 + 115	PHY 2413 University Physics 1 PHY 2421 University Physics 1 Lab
PHYS 224 + 225	PHY 2423 University Physics 2 PHY 2431 University Physics 2 Lab
MATH 101	MCS1414 Calculus 1
MATH 102	MCS1424 Calculus 2
MATH 203	MCS2414 Calculus 3
MATH 204	MCS 2423 Diff. Equations
EE 210 + 211 (For Elec. & Comp. Eng Majors)	EEE 2114 + 2111 Circuits 1 + Lab
EE 310 (For Elec. & Comp. Eng. Majors)	EEE 3123 + 3121 Circuits 2 + Lab
EE 320 + 321 (For Elec. & Comp. Eng. Majors)	EEE 3313 + 3311 Electronics + Lab
EE 240 (For Elec. & Comp. Eng. Majors)	EEE 3414 Electromagnetic Fields
EE 430 (For Elec. & Comp. Eng. Majors)	EEE 4423 Communication Systems
IME 100	EGE 1012 Intro to Engineering OR all other Intro Engineering courses within programs.
MECH 210 (For Mech. & Civil Eng. Majors)	EGE 2013 Statics
MECH 212 (For Mech. & Civil Eng. Majors)	EME 3013 Mechanics of Materials
MECH 100 (For Mech. Eng. Majors)	EME 2012 Mechanical Eng. Graphics
MECH 320 (For Mech. & Civil Eng. Majors)	EME 3003 Thermodynamics
MECH 322 (For Mech. Eng. Majors)	EME 3024 Fluid Mechanics
MECH 420 (For Mech. Eng. Majors)	EME 4013 Heat Transfer
IME 301	EGE 1023 Engineering Materials
ECON 201	SSC 2303 Principles of Economics 1
Transferable Coursework for All Majors	
Select one: COMM 101	COM1103 English Composition
COMM 301 + 313	COM2103 Tech & Prof Comm
Humanities	
Select Two Courses: <b>LIT</b> 304, 307, 309, 317, 372, 379, <b>HUMN</b> 201, <b>MUS</b> 380	Humanities Courses 6 Credit Hours Required
Select Two Courses: <b>HIST</b> 308, 310, 316, 318, <b>PHIL</b> 373, 378, <b>SOCC</b> 332, <b>SSCI</b> 201	Social Science Courses 6 Credit Hours Required

Transferable Coursework for Computer Science Majors

Math & Science Requirements (All Options): MATH 101, 102, 203, 204, PHYS 114 + 115, PHYS 224 + 225	Courses to receive credit for: MCS 1414, 1424, 2414, 2423, PHY 2413 + 2421, PHY 2423 + 2431
CS 202	MCS 1514 Computer Science 1
CS 211	MCS 2523 Discrete Math
CE 480	MCS 4613 Computer Networking

**PLEASE NOTE:**

All transferable courses at Kettering must be have a grade of 77 or higher in order to transfer to LTU.

Courses that are on this sheet may not apply towards all programs. Please contact the Office of Admissions to determine which courses transfer to particular programs.

**THE FOLLOWING ARE COURSES THAT DO NOT TRANSFER:**

*Apprenticeship, trade, remedial, physical education, and basic study courses are not transferable.*

An evaluation of your current standing (under the LTU major of your choice) can be obtained by sending student copies of your transcripts to:

**LTU Office of Admissions  
21000 W. 10 Mile Rd.  
Southfield, MI 48075  
Phone (248)-204-3160  
Fax (248) 204-2228**

6/16/09 am