

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
MICHIGAN STATE UNIVERSITY

Majors: *All Majors*

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

Michigan State University Courses	Lawrence Technological University Equivalencies
Transferable Coursework for Architecture Majors	
PHYS 231 + 251	PHY2213 College Physics 1 PHY2221 College Physics 1 Lab
PHYS 232 + 252	PHY2223 College Physics 2 PHY2231 College Physics 2 Lab
MATH 116	MCS1214 Math Analysis 1
MATH 124 or 132	MCS1224 Math Analysis 2
Transferable Coursework For Engineering Majors	
CEM 141 or 151	CHM 1213 University Chemistry 1 CHM 1221 University Chemistry 1 Lab
PHYS 183 + 191	PHY 2413 University Physics 1 PHY 2421 University Physics 1 Lab
PHYS 184 + 192	PHY 2423 University Physics 2 PHY 2431 University Physics 2 Lab
MATH 132	MCS1414 Calculus 1
MATH 133	MCS1424 Calculus 2
MATH 234	MCS2414 Calculus 3
MATH 235	MCS 2423 Diff. Equations
EC 201 or 202	SSC 2303 Principles of Economics 1
EGR 100	EGE 1012 Intro to Engineering or related courses
ECE 201 + 202 (EE Majors)	EEE 2114 + 2111 Circuits 1 + Lab
ECE 302 + 303 (EE Majors)	EEE 3313 + 3311 Electronics + Lab
ECE 331 (EE Majors)	EEE 3223 + 3231 Microprocessors + Lab
ECE 457 (EE Majors)	EEE 4423 Communication Systems
ME 180 (ME Majors)	EME 2012 Mech. Eng. Graphics
ME 221 or CE 221 (ME, CE Majors)	EGE 2013 Statics
ME 361 (ME, CE Majors)	EME 3043 Dynamics
ME 201 (ME Majors)	EME 3003 Thermodynamics
ME 332 (ME Majors)	EME 3024 Fluid Mechanics
ME 410 (ME Majors)	EME 4013 Heat Transfer
ME 477 (ME Majors)	EME 3023 Manufacturing Processes
MSE 250 (ME Majors)	EGE 1023 Engineering Materials
CE 271 (CE Majors)	ECE 1013 Surveying/ Land Measurement
CE 280 (CE Majors)	ECE 3324 Environmental Engineering 1
CE 305 (CE Majors)	ECE 3723 Theory of Structures
CE 337(CE Majors)	ECE 1413 CE Materials
CE 341 (CE Majors)	ECE 3823 Transportation Engineering
CE 406 (CE Majors)	ECE 4743 Concrete Design
Transferable Coursework for All Majors	
Select one: WRA 110, 120, 130, 150, ENG 210	COM1103 English Composition
NO EQUIVALENT	COM2103 Tech & Prof Comm
Select Two Courses: ENG 121, 203, 204, 206, 211, 206, 221, 223, 226, 228, 229, 231, 265, IAH 207, 221A , HA	Humanities Courses 6 Credit Hours Required

120, 150, 209, 210, 211, 220, 231, 232, 241, 250, 260, MUS 211, 212	
Select Two Courses: IAH 201, 202, 203, 204, 205, 221, ISS 220, 225, 310, GEO 151, HA 292, HST 140, 150, 202, 204, 205, 206, 209, 292, 301, PHL 200, 210, PLS 100, 140, 160, 200, 201, SOC 100, 131, 215, 241, ANP 101, 201, PSY 101, 200, 235, 255	Social Science Courses 6 Credit Hours Required

Transferable Coursework for Business Management/ IT Majors

ACC 201 (Bus./ Indust. Mgt. Only)	ACC 2013 Acct. Principles 1
ACC 202 (Bus./ Indust. Mgt. Only)	ACC 2023 Acct. Principles 2
EC 201 + 202	SSC 2303 Principles of Economics 1
(Both EC courses must be taken)	SSC 2403 Principles of Economics 2
MSC 300 or 327	MKT 3013 Principles of Marketing

Additional Coursework for Computer Science Majors

Math & Science Requirements (Game Development & Scientific Options): MATH 132, MATH 133, MATH 234, MATH 235, PHYS 183 + 191, PHYS 184 + 192	Courses to receive credit for: MCS 1414, MCS 1424, MCS 2414, MCS 2423, PHY 2413 + 2421, PHY 2423 + 2431
Math & Science Requirements (Software & Business Options): MATH 116, MATH 124 or 132, CEM 141 or 151, PHYS 183 + 191, (Other Choices: AST 207, BS 111 + 111L, PHYS 232 + 252)	Courses to receive credit for: MCS 1214, MCS 1224, Natural Science Elective Credit (7 credit hours)
CSE 231	MCS 1514 Computer Science 1
CSE 232	MCS 2514 Computer Science 2
CSE 320	MCS 3663 Computer Arch/ Assembler

PLEASE NOTE:

All Grades must be at least a 2.0, 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:

CS 260- Discrete Structures

MTH 110- Finite Math/ College Algebra

MTH 442- Partial Differential Equations

PHY 232 + 252- Introductory Physics 2 (Doesn't transfer for PHY 2413 + 2421)

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

6/30/09 am