

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
OAKLAND COMMUNITY COLLEGE

Major: **COMPUTER SCIENCE**

Valid For: **Lawrence Technological University 2011-2012 Catalog**
Oakland Community College 2011-2012 Catalog

Oakland Community College	Lawrence Technological University	Options		
Courses	Equivalencies	1	2	3

Option 1: Scientific Option 2: Business Option 3: Networking

Mathematics

MAT 1730	MCS1414 Calculus 1	X		
MAT 1740	MCS1424 Calculus 2	X		
MAT 2740	MCS2414 Calculus 3	X		
MAT 2810 or 2880	MCSXX3 Adv Math Requirement	X		
Select 1: MAT 1540, 1560, 1630	MCS1214 Intro to Math Analysis 1		X	X
MAT 1600 or 1730	MCS1224 Intro to Math Analysis 2		X	X
MAT 1580	MCS2113 Statistics 1		X	X
CIS 2151 + 2252 (Classes must both be taken to transfer)	MCS1514 Computer Science 1 MCS2514 Computer Science 2	X	X	X
CIS 2353	MCS 2534 Data Structures	X	X	X
CIS 2656	MCS1613 Visual Basic			X
Computer Science Electives Select 2-3 Courses: CIS1300, 1400, 1630, 2252, 2454, 2555, 2859	MCSxxx3 Computer Science Electives Option 1 & 2: 9 credit hours Option 3: 6 credit hours	X	X	X

Natural Sciences

PHY 2400	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab	X		
PHY 2500	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab	X		
Select 2 courses and one must include a lab: BIO 1500, 1511, 1530, 2540, 2630 CHE 1000, 1320, 1510 GEO 1520 GSC1530, 1580, 1620 PHY 1030, 1610, 2400 PSC 1560	Natural Science Elective Credit (7 credit hours, one must include lab)		X	X

Communications

ENG 1510 or 1520	COM1103 English Composition	X	X	X
ENG 2200	COM2103 Tech & Prof Comm	X	X	X

Humanities/Social Sciences

Select 2 Courses: ART 1560, 1700, 2560, 2600, 2620 ENG 1710, 1720, 2510, 2520, 2530, 2540, 2550, 2560, 2750, 2760, 2800, FSH 1500 HUM 1510, 1520, 2720, 2900 MUS 1540, 1590 THE 1561	Humanities Courses 6 Credit Hours Required	X	X	X
Select 3 Courses: ANT 1540, 2510 GEO 1520 HIS 1510, 1520, 1550, 1700, 2510, 2520, 2610, 2620 HUM 1710 PHI 1510, 1520, 1610 POL 1510, 2520, 2530, 2610 PSY 2510, 2630, 2710, 2730, 2810 SOC 2510, 2520, 2530, 2550, 2560, 2610 SSC 2610, 2710	Social Science Courses 9 Credit Hours Required	X	X	X

Additional Core Requirements

General Electives	General Electives Option 1: 21 credit hours Options 2 & 3: 18 credit hours	X	X	X
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PLEASE NOTE:

- General Education requirements may be waived by one of the following methods:
 1. Satisfying the MACRAO Agreement
 - transcript must be stamped "MACRAO Agreement Satisfied"
 2. Course by course transfer as indicated on this guide sheet.
 3. Satisfactory completion of an articulation agreement where applicable.
- This transfer guide sheet is valid for the catalog dates shown.
- A maximum of 60 semester hours of community college coursework may transfer.
- All classes on the guide must have a grade of "C", or higher in order to transfer.
- We encourage and welcome you to contact an admissions counselor at LTU early in your community college coursework to ensure maximum transfer of credit.
- Contact the Office of Admissions if you have questions or would like to schedule a campus tour or an appointment with an Admissions Counselor.

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

THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER

Option 1

MAT 110 Elementary Algebra
 MAT 115 Intermediate Algebra
 MAT 154 College Algebra
 MAT 156 Trigonometry
 MAT 163 College Algebra and Trigonometry
 PHY 161 College Physics

Options 2 and 3

MAT 110 Elementary Algebra
 MAT 115 Intermediate Algebra

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