

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE**  
**OWENS COMMUNITY COLLEGE**

**Major:** *Physics*  
**Valid For:** **Lawrence Technological University 2011-2012 Catalog**  
**Owens Community College 2011-2012 Catalog**

<b>Owens Community College</b>	<b>Lawrence Technological University</b>
Courses Required	Equivalencies
Mathematics	
MTH 180	MCS1414 Calculus 1
MTH 232	MCS1424 Calculus 2
MTH 233	MCS2414 Calculus 3
MTH 234	MCS2423 Differential Equations
Natural Sciences	
CHM 121	CHM1213 University Chemistry 1 CHM1221 University Chemistry 1 Lab
CHM 122	CHM1223 University Chemistry 2 CHM1232 University Chemistry 2 Lab
PHY 221	PHY2413 University Physics 1 PHY2421 University Physics 1 Lab
PHY 222	PHY2423 University Physics 2 PHY2431 University Physics 2 Lab
Communications	
ENG 111 or 112	COM1103 English Composition
ENG 120 or 130	COM2103 Tech & Prof. Communication
Humanities	
Select Two Courses: ART 105, 201, 202, 203, 204, ENG 200, 201, 210, 215, 220, 230, 232, 251, 252, 260, 266, 267, 280, HUM 100, 200, MUS 101	Humanities Courses 6 Credit Hours Required
Select Two Courses: AAS 101, 120, GOV 100, 111, 205, HIS 101, 102, 151, 152, 201, 202, 205, 230, HUM 275, SOC 101, 201, PHIL 101, 102, 225, PSY 101, 111, 215	Social Science Courses 6 Credit Hours Required
Select one additional course different from the above selections: AAS 101, 120, GOV 100, 111, 205, HIS 101, 102, 151, 152, 201, 202, 205, 230, HUM 275, SOC 101, 201, PHIL 101, 102, 225, PSY 101, 111, 215	One Additional Social Science Course

### Additional Core Requirements

CHM 201	CHM2313 Organic Chemistry 1
CHM 202	CHM2323 Organic Chemistry 2 CHM2332 Organic Chemistry Lab
11 Semester Hours of College Level Coursework	Open Electives (11 credit hours)

**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.
- Transferring Architecture students are advised to submit a portfolio documenting their community college art and architecture coursework for placement purposes.
- 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 welcome and encourage you to contact an LTU Admissions Counselor early in your community college career 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.

**THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER**

MTH 102 Elementary Algebra  
 MTH 113 Intermediate Algebra  
 MTH 121 College Algebra  
 MTH 122 Plane Trigonometry  
 CEM 101 Basic Chemistry  
 PHY 111 Applied Physics

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

***This agreement does not necessarily contain exact equivalencies and should not be used for current LTU students to plan transfer credit as a guest student.***

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