



**Oakland Community College – Computer Hardware Engineering Technology
 LTU – Bachelor of Science in Engineering Technology
 Based on OCC 2005-06 Catalog and LTU 2005-07 Catalog**

Oakland Community College Courses:

Transfer to LTU as:

Degree Requirements	
Major Requirements	
CIS 1050 Personal Computer Product & Tools4	Technology Specialty 25
ECT 2080 Intro to Microcontrollers4	
ECT 2150 Computer Repair 14	
ECT 2160 Computer Repair 24	
EEC 1020 DC Fundamentals3	
EEC 1040 AC Fundamentals3	
EEC 1050 DC & AC – Circuit Analysis3	
EEC 1270 Basic Electronic Certification Prep4	Technical Elective6
EEC 1350 Digital Logic3	
ELT 2070 Advanced Digital Systems3	Open Elective3
Required Supportive Courses	
ELT 1200 Elec Sim, Capt & PCB Layout.....3	Open Elective3
ENG 1510 English Comp3	COM 1103 English Comp3
ENG 2200 Professional Communication4	COM 2103 Tech & Prof Comm.3
MAT 1540 College Algebra4	MCS 1113 Technical Math 13
MAT 1560 Trigonometry.....3	MCS 1123 Technical Math 23
General Education Requirements	
Fine Arts/Humanities3 Select one of the following: ART 1560, 1700, 2560, 2600, 2620, ENG 1710, 1720, 2510, 2520, 2530, 2540, 2550, 2560, 2750, 2760, 2800, 2820, FSH 1500, HUM 1510, 1520, 2720, 2900, MUS 1540, 1550, 1560, 1585, 1590, 1670, THE 1561, 1800	LLT 1213 World Masterpieces 13
Physical Education....(see OCC catalog).....1	PER does not transfer to LTU
POL 1510.....3	SSC 2413 Foundations/ Am. Exp3
Social Science3 Select one of the following: ANT 1540, GEO 1520, HIS 1510, 1520, 1550, 1700, 2510, 2520, 2610, 2620, SOC 2510, 2520, 2610, PSY 2510, 2630, 2710, 2810, SSC 2610, 2710	SSC 2423 Development/ Am. Exp3

NOTE: See an OCC counselor for transfer information.

ARTICULATION GUIDE

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Oakland Community College Courses:

Transfer to LTU as:

Other Transferable Credits:

Note: A maximum of 70 credits may be transferred from community colleges

MAT 1600 or 1730 Calculus.....	4
MAT 1580 Statistics	4
CHE 1000 or 1510 Chemistry	4
PHY 1610 Physics.....	4
PHY 1620 Physics II.....	4
ECO 2610 or 2620	3
Second course in fine arts/humanities from page 1	3

MCS 2313 Tech Calculus	3
MCS 2023 Statistical Methods	3
CHM 3144 Fundamentals of Chemistry	4
PHY 1063 Tech Physics 1	3
PHY 1100 Tech Physics 1 Lab.....	0
PHY 1083 Tech Physics 2	3
PHY 1101 Tech Physics 2 Lab.....	1
SSC 2303 Basic Economics	3
LLT 1223 World Masterpiece 2	3

Completion of the BSET Degree at LTU

Technology Core

HRM 4013 Employee Management Relations	3
MGT 2203 Management & Supervision	3
TOM 3113 Operations Management.....	3
TIE 2063 MFG Processes	3
TME 2163 Engineering Economics	3
TME 4103 Engineering Materials 2.....	3
TME 2053 Dynamics OR TME 3133 Eng. Mech.....	3
TIE 4115 Senior Project.....	5

Additional Courses

MCS 1023 Tech. Comp. App	3
MCS 2323 Applied Diff. Equations	3

COM 1001 (Univ. Seminar) Satisfied

Maximum Transferable OCC Credits 70

Minimum Credits at LTU: 55

****Minimum Credits to Graduate:125**