



**Oakland Community College – Robotics Automated System 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	
ROB 1500 Intro to Robotics Tech4	Technology Specialty 25
ROB 1520 Robot Manipulator Drives and Link.....4	
ROB 1620 Industrial Robotic App4	
ROB 1640 Interpolated/Welding Robotic App4	
ROB 1660 Sensor Technology.....4	
ROB 2040 Programmable Controller.....4	
ROB 2140 Adv Programmable Cont App4	Technology Elective 6
ROB 2400 Automated Systems App4	
ROB 2500 Automated Controller Maint4	Open Elective.....4
Required Supportive Courses	
ATF 1400 Intro to Hydraulics.....3	General Elective 3
ATF 1470 Fundamentals of Pneumatics3	General Elective.....3
CAD 1100 Intro to CAD & Drafting3	No credit
EEC 1020 DC Fundamentals3	EEC 1020 + 1040 TEE 3103..... 3
EEC 1040 AC Fundamentals3	
ENG 1510 English Composition3	COM 2103 English Composition 3
ETT 2700 Machines and Process Controls4	No Credit
MAT 1150 Intermediate Algebra4	No Credit
<i>(MAT1540 preferred)</i>	
General Education Requirements	
Fine Arts/Humanities3	
<i>Select one of the following:</i>	
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 1 3
Physical Education....(see OCC catalog).....1	PER does not transfer to LTU
POL 1510.....3	SSC 2413 Foundations/ Am. Exp 3
Social Sciences3	SSC 2423 Development/ Am. Exp 3
<i>Select one of the following:</i>	
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	
Written Communication	
ENG-2200 Professional Communication.....4	MCS1123 Tech & Prof Comm 3

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(26 credits)

HRM 4013 Employee Management Relations	3
MGT 2203 Management & Supervision	3
TOM 3113 Operations Managemen.....	3
TIE 2063 MFG Process.....	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

COM 1001 (Univ. Seminar) Excused

Additional Credits

LLT/SSC/ PSY Jr./Sr. Elective	3
MCS 1023 Tech. Comp. App	3
MCS 2323 Applied Diff. Equations.....	3

Maximum Transferable OCC Credits70

Minimum Credits at LTU:55

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