



**Oakland Community College – Electronics 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:**

<b>Degree Requirements</b>	
<b>Major Requirements</b>	
ECT 2080 Intro to Microcontrollers.....4	Technology Specialty ..... 27
ECT 2150 Computer Repair 1 .....4	
EEC 1020 DC Fundamentals .....3	
EEC 1040 AC Fundamentals .....3	
EEC 1050 DC & AC – Circuit Analysis .....3	
EEC 1270 Basic Electronics Cert Prep .....4	
EEC 1350 Digital Logic .....3	
ELT 2060 Electronic Instrumentation .....3	
<b>Required Supportive Courses</b>	
BUS 1310 Principles of Supervision.....3	Technical Elective ..... 3
ELT 1200 Electronic Simulation Cap & PCB Layout .....3	Technical Elective ..... 3
ENG 1510 English Composition.....3	ENG 1103 English Comp ..... 3
ENG 2200 Professional Communication .....4	COM 2103 Tech & Prof Comm. .... 3
MAT 1540 College Algebra .....4	MCS 1113 Technical Math 1 ..... 3
MAT 1560 Trigonometry.....3	MCS 1123 Technical Math 2 ..... 3
PHY 1610 College Physics 1 .....4	PHY 1063 + PHY 1100 ..... 4
PHY 1620 College Physics II .....4	PHY 1083 + PHY 1101 ..... 4
<b>General Education Requirements</b>	
<b>Fine Arts/Humanities ..... 3</b> 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 1 ..... 3
<b>Physical Education....(see OCC catalog)..... 1</b>	PER does not transfer to LTU
<b>POL 1510 ..... 3</b>	SSC 2413 Foundations/ Am. Exp ..... 3
<b>Social Science ..... 3</b> 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. Exp ..... 3

**NOTE: See an OCC counselor for transfer information.**

## ARTICULATION GUIDE

### Oakland Community College- Electronics Technology LTU – Bachelor of Science of Engineering Technology Based on OCC 2005-06 Catalog and LTU 2005-07 Catalog

#### Oakland Community College Courses:

#### Transfer to LTU as:

<p><b>Other Transferable Credits:</b>                  Note: A maximum of 70 credits may be transferred from community colleges</p> <p>MAT 1600 or 1730 Calculus.....4                  MAT 1580 Statistics .....4                  CHE 1000 or 1510 Chemistry .....4                  ECO 2610 or 2620 .....3                  Second course in fine arts/humanities from page 1 .....3                  Open Electives .....9</p>	<p>MCS 2313 Tech Calculus .....3                  MCS 2023 Statistical Methods .....3                  CHM 3144 Fundamentals of Chemistry .....4                  SSC 2303 Basic Economics .....3                  LLT1223 World Masterpieces II .....3                  Open Electives .....9</p> <p><b><u>Completion of the BSET Degree at LTU</u></b></p> <p><b>Technology Core</b>                  HRM 4013 Employee Management Relations .....3                  MGT 2203 Management &amp; Supervision .....3                  TOM 3113 Operations Management.....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</p> <p>COM 1001 (Univ. Seminar) Excused</p> <p><b>Additional Courses</b>                  LLT/SSC/ PSY Jr./Sr. Elective .....3                  MCS 1023 Tech. Comp. App .....3                  MCS 2323 Applied Diff. Equations .....3</p>
	<p><b>Maximum Transferable OCC Credits .....70</b>  <b>Minimum Credits at LTU: .....55</b>                  **Minimum Credits to Graduate:125**</p>