

**LAWRENCE TECHNOLOGICAL UNIVERSITY
ARTICULATION GUIDE**

**Oakland Community College – Computer Aided Design
Computer Aided Engineering Option
LTU – Bachelor of Science in Engineering Technology
Based on OCC 2005-2006 catalog and LTU 2005-07 catalog**

Oakland Community College Courses:

Transfer to LTU as:

Degree Requirements	
Major Requirements	
CAD 1100 Intro to CAD & Drafting 3	Technology Specialty 18
CAD 1200 Product Detailing 3	
CAD 2101 3D Wireframe Design & Surfacing 4	
CAD 2110 Topics in Design & Drafting Appl 4	
CAD 2150 Advanced Curves & Surfaces 4	
Required Supportive Courses	
CAD 1450 Drafting & Design Co-op Internship 3	No credit
DDT 1000 Fundamentals for the Drafting Industry 3	Technical specialty 3
DDT 1050 Product Drafting 3	Technical specialty 3
DDT 1150 Descriptive Geometry 3	Technical specialty 3
MAT 1560 Trigonometry 3	MCS 1113 Tech. Math 2 3
MEC 1010 Intro to Manufacturing Processes 3	TIE 2063 Manual Processes 3
PHY 1610 College Physics 1 4	PHY 1063 & 1081 Tech. Physics I and Lab 4
English Requirement (Choose One)	
ENG 1510 English Composition 3	COM 1103 English Composition 3
ENG 2200 Written Communication 4	COM 2103 Tech & Prof Communications 3
CAE Specialty Courses	
CAD 2130 Techniques & Appl. Of Solid Modeling 4	Technical Elective 3
CAD 2140 Kinematics 4	Technical Elective (3) general elective (1) 4
CAD 2160 Finite Element Modeling 4	General Elective 4
CIM 2300 Intro to Flexible Manufacturing Systems 4	General Elective 4
General Education Requirments	
Fine Arts/Humanities 3 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 I 3
Physical Education.... (See OCC catalog) 1	PER does not transfer to LTU
POL 1510 3	SSC 2413 Foundations/ Am. Exp 3
Social Science 3 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.

