

**LAWRENCE TECHNOLOGICAL UNIVERSITY  
ARTICULATION GUIDE**

**Fanshawe College – Architectural Technology  
LTU – Bachelor of Science in Architecture**

Based on Fanshawe College 2020-2021 Catalog and LTU 2020-2021 Catalog

**Fanshawe Courses:**

**Transfer to LTU as:**

<b>Degree Requirements</b>	
<p><b>English Requirements .....(5 credits)</b>            WRIT1039 Reason &amp; Writing 1- Technology.....3            COM 5005 Technical Report Production for Bldg Tech.2</p> <p><b>Fine Arts/Humanities .....(12 credits)</b>            Choose 6 credits from the list below:            WRIT 7005 Argument &amp; Persuasion.....3            HUMA 7050 Humanity of Tech.....3            ENGL 1047 Children’s Literature – Intro.....3            ENGL 1067 Murder &amp; Mayham.....3</p> <p><b>Social Sciences .....(6 credits)</b>            Choose 6 credits from the list below:            ANTH 1010 The Human Condition.....3            ENVR 1038 Climate Change.....3            HIST 1009 Contemporary History            HIST 1051 Modern History.....3            INDS 1022 Global Citizenship.....3            INDS 1040 Conspiracy Theories.....3            INDS 1050 Roots of Terrorism.....3            PHIL 1006 Great Philosophers.....3            POLI 1021 The Environment and the Economy.....3            POLI 1024 American Politics.....3            PSYC 1069 Defining Abnormal.....3            PSYC 1072 Psychology of the Internet.....3            PSYC 1105 Community Psychology.....3            PSYC 1120 Workplace Psychology.....3            SOCI 1048 The meaning of sex.....3            SOCI 1050 Sociology of Sport.....3            SOCI 1073 Building Sustainable Societies.....3            SOCI 1012 Discovering Social Sciences.....3</p> <p><b>Mathematics/Science ..... (11-13 credits)</b>            MATH 1036 Mathematics in Technology            + MATH 1172 Math 1.....8</p> <p>MATH 1173 Calculus 1.....5  <b>OR</b> MATH 5019.....3</p> <p><b>Design/Visualization**.....(77 credits)</b>            CADD 1041 Architectural AutoCAD 1.....4            + DRAF 1059 Architectural Fundamentals.....3            + CADD 1042 Architectural AutoCAD 2.....4            + CADD 1080 Building Information Modeling – Intro.....3</p> <p>ARCH 1001 Architectural Design 1.....3            ARTS 1007 Fine Art Foundation.....3</p>	<p><b>English Requirements ..... (6 credits)</b>            COM 1103 College Composition ..... 3            COM 2103 Tech and Prof Communication.....3</p> <p><b>Fine Arts/Humanities ..... (6 credits)</b>              LLT 1213 World Masterpieces 1 ..... 3            LLT 1223 World Masterpieces 2 ..... 3</p> <p><b>Social Sciences ..... (6 credits)</b>                  SSC 2413 Foundations of American Experience ..... 3            SSC 2423 Development of American Experience ..... 3</p> <p><b>Mathematics .....(8 credits)</b>            MCS1074 Precalculus.....4</p> <p>MCS 1224 Survey of Calculus ..... 4</p> <p><b>Design/Visualization**.....(30 credits)</b>            ARC 1213 Intro to Visual Communication.....3            ARC 1223 Visual Communication .....3            ARC 2813 Information Modeling &amp; Simulation.....3</p> <p>DES 1213 Design Principles.....3            DES 1223 Design Methodologies.....3</p>

# LAWRENCE TECHNOLOGICAL UNIVERSITY

## ARTICULATION GUIDE

<p>ARCH 1030 Architectural Design &amp; Project 2.....9            + ARCH 3015 Architectural Design &amp; Project 3.....9            + ARCH 3016 Architectural Design &amp; Project 4.....9            + URBN 1025 Urban Environmental Studies.....2</p> <p>ARCH 5009 Architectural Design &amp; Project 5.....9            + ARCH 5010 Architectural Design &amp; Project 6.....9            + ARCH 1004 Ontario Building Code 1.....2            + ARCH 1021 Ontario Building Code 2.....2</p> <p>CADD 34049 Advanced Topics in BIM.....3            + CADD 30199 Building Information Modeling.....3</p> <p><b>Building System.....(20 credits)</b>            MATS 1002 Materials &amp; Methods 1.....3            + MATS 1007 Materials &amp; Methods 2.....3            + ARCH 5001 Building Science 1.....3</p> <p>MATS 3009 Materials &amp; Methods 3.....3            + CONS 1012 Quantities .....3            + ARCH 3007 Specifications 1.....2            + ARCH 5005 Building Science 2.....3</p> <p><b>Building Technologies .....(12 credits)</b>            ARCH 5001 Building Science 1.....3            + ARCH 5005 Building Science 2.....3            + ENGR 1004 Environmental Engineering – Electrical.....2            + ENGR 1006 Environmental Engineering – HVAC.....4</p> <p><b>Structures.....(11 credits)</b>            MECH 1009 Mechanics of Materials.....3            + ENGR 3007 Structural Engineering 1.....3            + ENGR 5007 Structural Engineering 3.....3            + ENGR 5009 Structural Engineering 4.....2</p> <p><b>Electives.....(9 credits)</b>            Choose 9 credits from the following courses            CADD 3035 Building Information Modeling – Interim.....3</p> <p>SFTY 1029 Health &amp; Safety.....3            ARCH 1033 Architecture Practice &amp; Processes 1.....3            MATS 3010 Materials &amp; Methods 4.....3            ARCH 5007 Specifications 2.....3            ARCH 1006 History of Architecture.....3            COOP 1020 Co-operative Education Employment Prep....1</p> <p><b>** A portfolio is required in order to grant credit for all LTU courses listed under Design/Visualization</b></p>	<p>ARC 2116 Integrated Design 1.....6</p> <p>ARC 2126 Integrated Design 2.....6</p> <p>ARC 2813 Information Modeling &amp; Simulation.....3</p> <p><b>Building System.....(6 credits)</b>            ARC 2313 Construction Systems 1.....3</p> <p>ARC 2323 Construction Systems 2.....3</p> <p><b>Building Technologies .....(3 credits)</b>            ARC 3423 HVAC &amp; Water Systems.....3</p> <p><b>Structures.....(6 credits)</b>            ARC 2513 Basic Structures.....3            ARC 3523 Intermediate Structures.....3</p> <p><b>Electives.....(9 credits)</b>            ARC BIM for Building Systems/3cr ARC Elective.....3</p> <p>ARC/ART/ARI 3 Credit Elective.....3            ARC/ART/ARI 3 Credit Elective.....3</p>
<b>TOTAL.....163-165</b>	<b>TOTAL.....80</b>

**LAWRENCE TECHNOLOGICAL UNIVERSITY  
ARTICULATION GUIDE**

	<p><b>Completion of the Architecture Degree at LTU:</b></p> <p>PHY 2213 College Physics 1.....3          PHY 2221 College Physics 1 Lab.....3          PSC 1143 Environmental Science &amp; Sustainability.....3          DES 1022 Introduction to Design.....2          ARC 3116 Integrated Design 3.....6          ARC 3126 Integrated Design 4.....6          ARC 3613 History of the Design Env 1.....3          ARC 3623 History of the Design Env 2.....3          ARC 3823 Prototyping &amp; Fabrication.....3          ARC 4116 Integrated Design 5.....6          ARC 4126 Comp Design.....6          ARC 4183 20<sup>th</sup> Century Architecture.....3          ARC 4443 Acoustical, Elect. &amp; Illum. Sys.....3          ARC 4543 Advanced Structures.....3          LLT/SSC/PSY 3/4XXX4 JR/SR Level Elective.....3          ARC 4112 Design Leadership and Entrepreneurship.....2</p>
	<p><b>Maximum Transferable Fanshawe.....80</b>  <b>Minimum Credits at LTU.....54</b>          **Minimum credits to Graduate 133**</p>