

**LAWRENCE TECHNOLOGICAL UNIVERSITY
ARTICULATION GUIDE**

**Humber College – Architecture
LTU – Bachelor of Science in Architecture
Based on Humber College 2018-2019 Catalog and LTU 2018-2019 Catalog**

Humber Courses:

Transfer to LTU as:

Degree Requirements	
English Requirements(9 credits) WRIT 120 Technical Comm 1.....3 WRIT 220 Technical Comm 2 + ARC 616 Presentation Software.....6	English Requirements(6 credits) COM 1103 College Composition.....3 COM 2103 Tech and Prof Communication.....3
Fine Arts/Humanities(6 credits) GNED 101 An Intro to Arts and Science.....3 ENGL 239 Dark Days Ahead OR CULT 120 Indig Perspectives on Music and Film OR HUMA 226 The Arts and the 21 st Imagination OR HUMA 242 Vampires in Film.....3	Fine Arts/Humanities (6 credits) LLT 1213 World Masterpieces 1.....3 LLT 1223 World Masterpieces 2.....3
Social Sciences(6 credits) <i>Choose 6 credits from the following:</i> PHIL 150, PHIL 120, PHIL 217, PHIL 222, PHIL 225, PHIL 226, PHIL 227, PHIL 228, PHIL 229, PHIL 230, PHIL 235, PHIL 250, PSYC 100/1000.....6	Social Sciences (6 credits) SSC 2413 Foundations of American Experience3 SSC 2423 Development of American Experience.....3
Mathematics/Science(9 credits) TMTH 104 Tech Mathematics 1 OR TMTH 114 Tech. Mathematics for Electrom. Engr. OR TMTH 204 Tech Mathematics 2.....3 CALC 103 Introduction to Calculus.....3 ARC 317 Building Science.....3	Mathematics/Science.....(12 credits) MCS 1074 Precalculus4 MCS 1414 Calculus 14 PHY 2213+PHY 2221 College Physics + Lab I.....4
Design/Visualization**(60 credits) ARC 100 Autocad 1.....3 + ARC 121 Drafting and Detailing: House Design + ARC 156 Drafting and Detailing 2: Steel and Masonry + ARC 122 Visual Representation.....15 ARC 316 Digital Communications 5.....3 DGAS 100 Two-Dimensional Design.....3 + DGAS 101 Three-Dimensional Design + ARC 122 Visual Representation.....6 ARC 215 Drafting and Detailing: Mass Timber + ARC 256 Drafting and Detailing: Concrete. + ARC 353 Site Planning.....15 ARC 300 Drafting and Detailing 5 + ARC 351 Drafting and Detailing 6 + ARC 364Interior Detailing.....15	Design/Visualization**(27 credits) ARC 1213 Intro to Visual Communication.....3 ARC 1223 Visual Communication3 ARC 2813 Information Modeling and Simulation.....3 DES 1213 Design Principles.....3 DES 1223 Design Methodologies.....3 ARC 2116 Integrated Design 1.....6 ARC 2126 Integrated Design 2.....6
** A portfolio is required in order to grant credit for all LTU courses listed under Design/Visualization	

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<p>Theory/History.....(6 credits) ARC 115 Principles of Design.....3 ARC 211 History of Architecture.....3</p> <p>Building Systems.....(15 credits) ARC155 Mat and Meth of Construction I + ARC 200 Mat and Meth of Construction II.....6 ARC 216 Mat and Meth of Construction III + ARC 314 Environmental Systems + ARC 317 Building Science + ARC 318 Specifications Writing.....12 <i>*Refer to D+D 5 and 6 for Constr Documents</i></p> <p>Building Technologies(9 credits) ARC 314 Environmental Systems + ARC 317 Building Science + ARC 154 Sustainable Design.....9</p> <p>Structures.....(3 credits) ARC 153 Structures.....3</p> <p>Electives.....(9 credits) Choose 9 credits: ARC 253 Estimating.....3 ARC 355 Project Management.....3 ARC 254 Ont Building Code.....3 ARC 320 Contract Administration.....3</p>	<p>Theory/History.....(5 credits) DES 1022 Introduction to Design.....2 ARC 3613 History of the Design Env 1.....3</p> <p>Construction Systems.....(6 credits) ARC 2313 Construction Systems 1.....3 ARC 2323 Construction Systems 2.....3</p> <p>Building Technologies(3 credits) ARC 3423 HVAC& Water Systems.....3</p> <p>Structures.....(3 credits) ARC 2513 Basic Structures.....3</p> <p>Electives.....(9 credits) ARC/ART/ARI_3.....3 ARC/ART/ARI_3.....3 ARC/ART/ART/GAM/IDD/ATD XX2 Elective.....3</p>
TOTAL.....132	TOTAL.....83
	<p><u>Completion of the Architecture Degree at LTU:</u> PHY 2223 College Physics 2.....3 PHY 2231 College Physics 2 Lab.....1 ARC 2813 Visual Communication 3.....3 ARC 3116 Integrated Design Studio 3.....6 ARC 3126 Integrated Design Studio 4.....6 ARC 3513 Intermediate Structures.....3 ARC 3623 History of the Design Env 2.....3 ARC 3823 Visual Communication 4.....3 ARC 4116 Integrated Design Studio 5.....6 ARC 4126 Comp Design.....6 ARC 4183 20th Century Architecture.....3 ARC 4443 ACO/ELEC/ILL Systems.....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>Maximum Transferable Humber.....83 Minimum Credits at LTU.....54 **Minimum credits to Graduate 133**</p>