

LAWRENCE TECHNOLOGICAL UNIVERSITY
M. S. Degree in Architectural Engineering
Undergraduate & Graduate Summary Record

Name _____

Number _____ Date _____

Catalog of Entry 2011-2012

1A

COM 1103 English Composition _____
COM 1001 University Seminar _____
EAE 1081 Intro to Arch Engg _____
MCS 1414 Calculus 1 _____
CHM 1213 University Chemistry 1 _____
CHM 1221 University Chem. Lab 1 _____
ART 1113 Basic Design 1 _____

CREDITS = 16

1B

LLT 1213 World Masterpieces 1 _____
COM 2103 Tech & Prof Comm. _____
EAE 1093 Arch Engg History _____
MCS 1424 Calculus 2 _____
ARC 1213 Visual Com. 1 _____

CREDITS = 16

2A

LLT 1223 World Masterpieces 2 _____
ARC 2813 Electronic Methods 1 _____
MCS 2414 Calculus 3 _____
PHY 2413 University Physics 1 _____
PHY 2421 University Physics 1 Lab _____
ART 1133 Basic Design 2 _____

CREDITS = 17

2B

SSC 2413 Foundations/American Exp _____
EGE 2013 Statics _____
MCS 2423 Differential Equations _____
PHY 2423 University Physics 2 _____
PHY 2431 University Physics 2 Lab _____
ARC 1223 Visual Com. 2 _____
LDR 2001 Leadership Models & Prac _____

CREDITS = 17

3A

SSC 2423 Development/Amer Exp _____
ECE 3013 Mechanics of Materials _____
EAE 3xx3 Elec Sys 1(Day/Lighting) _____
EGE 3003 Thermodynamics _____
ARC 2313 Building Sys. 1 _____
EEE 2123 Circuits & Electronics _____

CREDITS = 18

3B

COM 3000 Writing Proficiency Exam _____
ECE 3723 Theory of Structures _____
EAE 3xx3 Mech Sys I (HVAC) _____
EME 3023 Fluid Mechanics _____
ARC 2323 Building Sys. 2 _____
ARC 2321 B/dg Sys 2 Global Lect _____
EAE 3xx4 AEIDS 1(Struc/Site) _____

CREDITS = 17

M. S. Degree in Architectural Engineering
(cont.)

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4A

LLT/SSC/PSY 3xx3 Jr/Sr. Elective _____ **O**
 ECE 4743 Concrete Design _____ **O**
 EAE 4xx3 Elec Sys II (Power) _____ **O**
 SSC 2303 Principles of Economics _____ **O**
 EAE XXX1 – Directed Study _____ **O**
 EAE 4xx4 AEID Studio 2 (Elec) _____ **O**
 LDR 3000 Leadership Seminar Series _____ **O**

CREDITS = 17

4B

EAE 3xx3 Architectural Acoustics _____ **O**
 ECE 4753 Steel Design _____ **O**
 EAE 4xx3 Mech Sys II (Application) _____ **O**
 MCS 3403 Probability & Statistics _____ **O**
 EAE 4xx4 AEID Studio 3 (Mech) _____ **O**
 LDR 4000 Leadership Capstone _____ **O**

CREDITS = 16

5A

ECE 6163 Infrastructure Cost Mgmt. _____ **O**
 EAE 5xx3 Advanced Mechanical Sys _____ **O**
 EAE 5xx3 Advanced Electrical Sys _____ **O**
 ARC 5942 Project Mgmt (Grad Credit) _____ **O**
 EAE 5xx4 Grad AEID 4 (Capstone/Def) _____ **O**

CREDITS = 15

5B

ECE 5xx3 Advanced Structural Sys _____ **O**
 EAE 5xx3 Bldg Controls & Instrumt _____ **O**
 EAE 5xx3 Altern. Energy Solutions _____ **O**
 ARC 5xx2 AE Project Organization _____ **O**
 EAE 5xx4 Grad AEID 5 (Capstone) _____ **O**

CREDITS = 15

Total Architecture Credit Hours	32
Total Architectural Engineering Credit Hours	46
Total Co-Taught Architecture & Engineering Credit Hours	20
Total Arts & Sciences Credit Hours	56
Total General Engineering Credit Hours	30

TOTAL CREDIT HOURS = 164

COMMENTS

SURPLUS ELECTIVES

_____	_____	_____ O
_____	_____	_____ O
_____	_____	_____ O
_____	_____	_____ O