

LANSING COMMUNITY COLLEGE

Computer, Engineering/Manufacturing Industrial Technologies

Curriculum Code: 1636 (Effective Fall 2017 – Summer 2022)	Architecture Technology, Sustainable Residential Design and Building Science C.A. Pathway		
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Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
ARCH 107	Sustainable Site Design	Minimum 2.0 in ((DCTM 101 or concurrently) or (ARCH 100 or Architectural Drafting Placement Test 80%)) and Reading Level 4 and Writing Level 4 and Math Level 4	3 / 4
ARCH 111	Arch Design Fundamentals	Reading Level 4 and Writing Level 4	3 / 4
ARCH 113	Materials & Methods of Constr.	Minimum 2.0 in (DCTM 102 or ELTE 102 or HVAC 102 or METS 102 or WELD 102 or concurrently) and Reading Level 4 and Writing Level 4	4 / 6
DCTM 101	Drafting/Intro to CAD	Reading Level 4 and Writing Level 4 and Math Level 4	3 / 4
DCTM 102	Industrial/Construction Safety	Reading Level 3 and Writing Level 2	2 / 3
Credits			15 / 21

Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
AEET 120	Residential Energy	Reading Level 3 and Writing Level 4 and Math Level 4	3 / 4
ARCH 125	Environmental Systems	Reading Level 4 and Writing Level 4 and Math Level 4	4 / 4
BLDT 120	Structural Framing	Minimum 2.0 in (DCTM 102 or ELTE 102 or HVAC 102 or METS 102 or WELD 102 or concurrently) and Reading Level 4 and Writing Level 4 and Math Level 4	4 / 6
DCTM 103	Codes and Specifications	Reading Level 4 and Writing Level 4 and Math Level 4	3 / 3
Credits			14 / 17
Semester III	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
ARCH 275	Sustainable Building Design	Department Approval	4 / 6
DCTM 200	Construction Management I	Reading Level 5 and Writing Level 6	4 / 6
Business/Entrepreneurship Studies Electives - <i>Select 1</i>			
BLDT 180	Builders Pre-Licensure Prep	Reading Level 4 and Writing Level 4 and Math Level 4	4 / 4
BUSN 150	Legal Issues: Start Small Busn	Reading Level 5 and Writing Level 4	2 / 2
BUSN 250	Personal Finance	Reading Level 5 and Writing Level 4 and Math Level 4	3 / 3
LABR 204	Employment Law for Managers	Reading Level 5 and Writing Level 6	3 / 3
MKTG 200	Principles of Marketing	Reading Level 5 and Writing Level 6	3 / 3
REAL 271	Introduction to Real Estate	Reading Level 5 and Writing Level 6	2 / 2
Credits			10-12 / 14-16
Total Credits			39-41 / 52-54