

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Residential Building
Associate in Applied Science Degree

Curriculum Code: 0167 (Effective Fall 2009 – Summer 2014)

This program prepares an individual to build single family structures and multiple housing buildings such as apartments and condominiums. A residential builder must have basic math skills, understand construction methods and techniques, and know the proper use of construction materials. They must also have significant knowledge of blueprint reading, estimating, code requirements, and small business administration and management. Students will be prepared to obtain a Residential Builder's License or a Maintenance and Alteration Contractor's License. This program also assists students in preparing for the Michigan Builder's License Exam which is administered by the National Assessment Institute and the State of Michigan. This program *does not* lead to journey status.

PREREQUISITES

Students should see *Course Descriptions* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

INFORMATION

Contact the Environmental, Design and Building Technologies Department, West Campus Building, Room M103, telephone number (517) 483-5338 or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5510.

REQUIREMENTS

CODE	TITLE	TOTAL: 59 CREDITS CREDIT HOURS
ADMN 275	Diversity in Business	3
ARCH 214	Structural Theory	4
ARTS 102	Design & Communication	3
BLDT 100	Introduction to Construction	3
BLDT 103	Structural Blueprint Reading	4
BLDT 121	Residential Framing	4
BLDT 123	Remodeling	4
BLDT 125	Roofing and Siding	4
BLDT 126	Interior Carpentry	4
BLDT 262	Builder's Business License	4
BLDT 277	Construction Cost Estimating	4
BLDT 281	Mich Residential & Bldg Codes	3
MATH 114	Technical Math I	4
MATH 115	Technical Math II	4
PHYS 120	The Art of Physics	4
WRIT 124	Technical Writing	3

LIMITED CHOICE REQUIREMENTS**TOTAL: 6 CREDITS**Complete the indicated number of credits from **EACH CHOICE** listed below.**CHOICE 1: General Education Core Areas****0 Credits***(See General Education Core Requirements for information on how to fulfill these requirements.**Core area proficiency exams, where appropriate, are available for each core area.)*

Communication Core Area (See Note 1)	0
Global Perspectives and Diversity Core Area (See Note 1)	0
Mathematics Core Area (See Note 1)	0
Science Core Area (See Note 1)	0
Writing Core Area (See Note 1)	0

CHOICE 2: Building/Business Related**6 Credits**

ACCG 100	Practical Accounting Non-Major	3
ARCH 116	Materials of Construction	4
ARCH 278	Green Building Science	4
BLDT 101	Basic Woodworking	2
BLDT 170	Special Topics in Construction	2-4
BLDT 285	Residential Bldg Internship	2
BUSN 118	Introduction to Business	3
CIVL 120	Surveying	4

MINIMUM TOTAL**65****NOTE:**

1. Students completing "REQUIREMENTS" have fulfilled the requirements for this Core area.

SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor or counselor for help with adjustments.

I	II	III	IV
BLDT 100	ARTS 102	ARCH 214	ADMN 275
BLDT 103	BLDT 123	BLDT 126	BLDT 125
BLDT 121	MATH 115	BLDT 277	BLDT 262
MATH 114	PHYS 120	Lim.Ch.2	BLDT 281
WRIT 124		Lim.Ch.2	