

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Advanced Mold Build  
Certificate of Completion

Curriculum Code: 1353 (Effective Fall 2009 – Summer 2014)

This certificate of completion is designed for students who have completed the Associate in Applied Science Degree in Mold Design and Build and wish to acquire advanced skills in this specialized manufacturing discipline.

### 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 Manufacturing Engineering Technologies Department, West Campus Building, Room M103, telephone number (517) 267-6406 or Student Services West Campus, West Campus Building, Room M106, telephone (517) 267-5510.

### REQUIREMENTS (See Note 1)

**TOTAL: 24 CREDITS**  
CREDIT HOURS

CODE	TITLE	CREDIT HOURS
ELTE 102	Industrial/Construction Safety (See Note 2)	2
ELTE 118	Electric Circuits Study (See Note 2)	1
METM 115	Introduction to Plastics	3
METM 221	Advanced Mastercam	4
METM 230	Princ/Electric Discharge Mach	4
METM 250	Mold Build Fitting & Spotting	3
METM 260	Mold Build Assembly	3
WELD 103	Combination Welding (See Note 2)	4
<b>MINIMUM TOTAL</b>		<b>24</b>

### NOTES:

1. Students in this curriculum may be granted approval to waive the prerequisites for any course by contacting an advisor in the Manufacturing Engineering Technologies Department.
2. Students who have already completed HVAC 102, METS 102, or WELD 102 with a grade of 2.0 or higher may substitute one of these courses for ELTE 102. Any of these four courses may also be used to fulfill the prerequisite for ELTE 118 and WELD 103.

### 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
ELTE 102	METM 221
ELTE 118	METM 230
METM 115	METM 250
WELD 103	METM 260