

Kellogg Community College – Western Michigan University
Teacher Education Preparation Program

Program of Work for Industrial Plastics

The articulated program will allow a student to complete a teacher education program with a major in **Industrial Plastics** (with **VT endorsement**) and a teachable minor in an appropriate secondary education program). **Note:** The VT endorsement requires 4000 hours of recent and relevant work experience.

University Graduation Requirements include:

- Minimum: 122 credits
- Minimum: 2.0 cumulative GPA
- Minimum: 30 credits from WMU (No credit by exam, self-instructional, or correspondence except General University Studies (GUS) through Extended University Programs)
- Minimum: 10 of the last 30 credits from WMU (No credit by exam, self-instructional, or correspondence except GUS)
- Minimum: One-half total required credits from 4-year institution

- I. Admission to the WMU teacher education program will include these requirements:
 - A. 2.5 or higher Grade point
 - B. Satisfactory completion of the State of Michigan Basic Skills Test (math, reading, communication)
 - C. PSYC 220 (KCC) or Human Growth and Development-ED 250 at WMU satisfactorily completed
- II. Teaching **major** satisfied at KCC (30 credits) – KCC has developed a delivery system for this area that individualizes instruction, is competency based, and features flexible scheduling to meet the needs of students and industry. Thus, there are no course descriptions for the units.

Unit 1	Safety for Industrial Plastics	.25 credits
Unit 2	Introduction to Plastics	.87 credits
Unit 3	Identification and Testing of Plastics	.79 credits
Unit 4	Chemistry of Plastics	.87 credits
Unit 5	Plastics Processes and Machine Identification	1.70 credits
Unit 6	Injection Molding Operator	1.79 credits
Unit 7	Injection Molding: Set-up and Maintenance	2.58 credits
Unit 8	Extrusion: Operator	2.08 credits
Unit 9	Extrusion: Set-up and Maintenance	2.62 credits
Unit 10	Blow Molding: Operator	2.17 credits
Unit 11	Blow Molding: Set-up and Maintenance	2.62 credits
Unit 12	Compression and Transfer Molding: Operator	1.62 credits
Unit 13	Compression and Transfer Molding: Set-up and Maintenance	2.62 credits
Unit 18	Fabricating and Bonding	2.00 credits
Unit 19	Coating, Decorating, and Finishing	1.87 credits

Teaching **minor** satisfied by taking at least 20 semester hours of WMU courses in an appropriate secondary education minor.