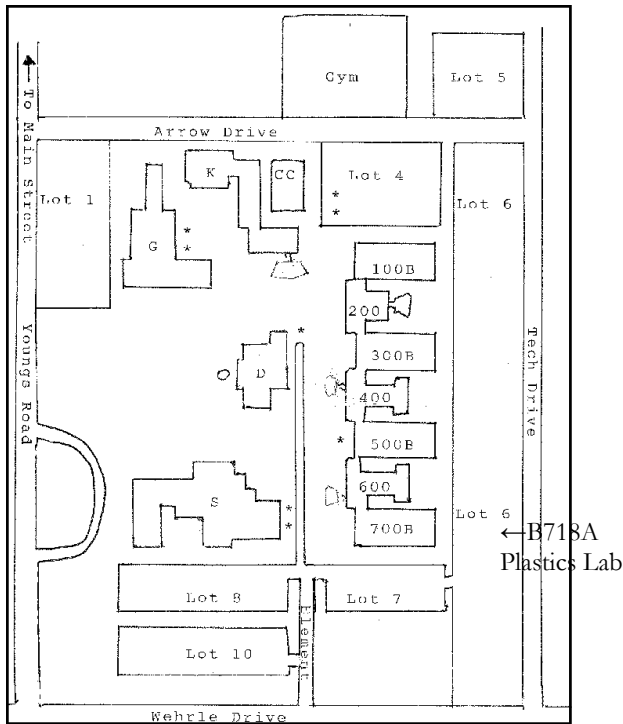


## MAP OF NORTH CAMPUS

(Bretschger Hall is B Building)



### Directions from Thruway, Exit 50:

Turn left (north) and proceed 1.3 miles. Turn left (west) on Main Street. Proceed 1.3 miles. Campus is on left side of street. Entrance is before intersection of Youngs Road or turn left on Youngs Road and then left onto campus.

## Program Competencies

All certificate program graduates will be able:

1. To explain the mold manufacturing process.
2. To identify classifications of molds, the considerations that need to go into a mold design and the function of design components.
3. To recognize properties of categories of materials for processing implications such as flow and treatment.
4. To interpret process specifications of materials.
5. To set up a process accounting for relevant variables on an injection mold press.
6. To execute a plastic manufacturing process on an injection mold machine and peripherals.
7. To generate a part and recognize whether or not it is acceptable.
8. To use statistical techniques to maintain control of a process.
9. To communicate pertinent technical data electronically.
10. To discuss recent technical developments in plastics effecting molds, materials and process.



## PLASTICS INJECTION MOLDING CERTIFICATE PROGRAM

Evenings at:

**North Campus**  
(At Main and Youngs Roads)

(716) 851-1508

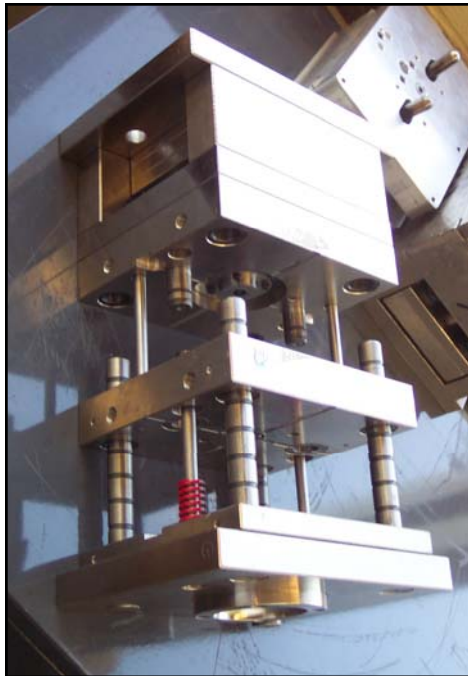


6205 Main Street  
Williamsville, NY 14127  
(716) 851-1ECC

## Program Features

This evening program at the North Campus was designed by local companies that do injection molding. Participate in this program if you:

- want to qualify for a position as a plastic technician, process technician, or quality technician.
- upgrade professional knowledge base in injection molding.
- prepare for (or change) a career.



## Options for Taking Courses

- Select individual courses—one evening per week or two evenings per week.
- Complete the certificate going full-time (four evenings per week).
- Go on to complete the A.O.S. degree in Industrial Technology with all of the plastics coursework credited towards it.



## Part-time Evening Sequence

### First Year

#### Fall

Plastics Mold Design (IT 110) *	3 cr.
Technical Elective **	3 cr.
Or	
Developmental Math ***	

#### Spring

Plastics Materials (IT 112)	4 cr.
Computer Applications (TE 350)	3 cr.

\* Algebra ability required

\*\* Blueprint reading recommended for those with little or no on-the-job experience with prints

\*\*\* ECC uses the ACT/ASSET placement test. If minimal levels of competency are not demonstrated in math, remedial courses may be prescribed to improve the student's chances for success.



### Second Year

#### Fall

Plastics Processes I (IT 114)	3 cr.
Statistical Process Control (MN 125)	3 cr.

#### Spring

Plastics Processes II (IT 214)	3 cr.
Writing in Plastics (EN 130)	3 cr.