

Plastics Engineering Technology (BP) Diploma

Semester Sequence

Offered at Brooklyn Park Only

First Semester

PLST1008	Fundamentals of Plastics/Chemistry/Ingredients	4
PLST1041	Introduction to Plastics Molding Processes	3
PLST2007	Properties and Tests of Selected Plastics	4
METS1000	Computers in Manufacturing	3
METS1050	Quality Control	3

Total Credits 17

Second Semester

(Select from 7 Credits of Extrusion Molding or 12 Credits of Injection Molding)

PLST2011	Extrusion Molding Processes I	3
PLST2017	Extrusion Molding Processes II	4
	or	
PLST2128	Injection Molding Process I	4
PLST2138	Injection Molding Process II	4
PLST2143	Injection Molding Process III	4
PLST2300	Plastics Engineering Technology Internship Elective	4
COMM1050	Communication in the Workplace Technical Studies Electives	2 6

Total Credits 19

Technical Studies Electives

Any Automation Robotics Engineering Technology (ARET), Electronic Technology (ELEC), Engineering CAD Technology (ENGC), Fluid Power Technology (FLPW), Machine Tool Technology (MACH), Manufacturing Engineering Technology (METS), Plastics Engineering Technology (PLST), or Welding and Metal Fabrication (WLDG) course that is not required for this award may be used as an elective.

Recommended:

FLPW2112	Instrumentation of Fluid Power Systems	3
PLST1500	Plastics Processes Lab	1 - 3
PLST1900	Specialized Lab	1 - 4
PLST2030	Systematic Medical Device Protocol	3
PLST2035	Medical Device Polymer Processes	3
PLST2300	Plastics Engineering Technology Internship	4

Choose a Total of: 10 Credits

Graduation (36 Credits)

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

4/15/2020 : BP 4404 / EP