



**Curriculum Evaluation**

**Plastic Injection Molding**

*Certificate of Program Completion (Catalog Year: 2018, Required Hours: 900)*

**Core - Program Certificate(s) Available (420 hours required)**

<i>Tool Change Technician (420 hours required)</i>		Hours	Modules	Prerequisite Course Number(s)
INJM 0000	Plastic Injection Molding Orientation	0.00	1	
INJM 1000	Basic Injection Molding Machine Operations	60.00	9	
MATH 1000	Math I	60.00	8	FUND 0085
BTEC 1030	Operating Systems and Email Applications	30.00	6	
BTEC 1031	Word Processing Fundamentals	30.00	7	
BTEC 1032	Spreadsheet Fundamentals	30.00	8	
INJM 1010	Practical Injection Molding	90.00	8	INJM 1000
INJM 1020	Injection Molding Changeovers	60.00	8	
INJM 1030	Economics of Injection Molding Operations	30.00	6	
INJM 1040	Injection Molding Auxiliary Equipment	30.00	5	

**Electives (480 hours required)**

<i>Plastic Injection Molding (480 hours required)</i>		Hours	Modules	Prerequisite Course Number(s)
INJM 1050	Hot Runner Molding Solutions	30.00	5	
INJM 1101	Standardized Process Tests	45.00	1	
INJM 1110	Process Development and Decoupled Molding	90.00	7	
INJM 1121	Injected Molded Part Problems and Solutions	45.00	1	
INJM 1130	Basic Automation for Injection Molding	30.00	5	
INJM 1040	Injection Molding Auxiliary Equipment	30.00	5	
INJM 1151	Injection Molding Student Project	30.00	1	
WWSK 1400	Workplace Relations	60.00	12	
INJM 2900	Plastic Injection Molding Externship	60.00	1	
IAMT 1250	Fluid Power Hydraulics	60.00	14	
INJM 2000	Advanced Process Development	60.00	1	
INJM 2001	Advanced Robot Programming	60.00	6	
INJM 2003	Statistical Process Controls and Validation	60.00	1	