

PROGRAM AND AWARD PLANNING FORM

Program: Industrial Systems Technology/Injection Molding Technology Option (IIM)
Award: Associate in Applied Science Degree
Catalog: 2016-2017

STUDENT NAME _____ **STUDENT NUMBER** _____

| Semester/Year | Grade | General Education and Core Requirements | HRS |
|---------------|-------|--|-----------|
| _____ | _____ | ORI 107 Student Success | 1 |
| _____ | _____ | Area I: Written Composition | 6 |
| _____ | _____ | **ENG 101 English Composition I | 3 |
| _____ | _____ | ENG 102 English Composition II OR | |
| | | ENG 130 Technical Reporting Writing OR | |
| | | SPH 107 Fundamentals of Public Speaking | 3 |
| _____ | _____ | Area II: Humanities and Fine Arts | 3 |
| _____ | _____ | Fine Arts Elective: Choose one from among: | 3 |
| | | ART 100 Art Appreciation | |
| | | MUS 101 Music Appreciation | |
| | | PHL 106 Introduction to Philosophy | |
| | | PHL 206 Ethics and Society | |
| | | REL 100 History of World Religions | |
| | | REL 151 Survey of the World Religions | |
| | | REL 152 Survey of the New Testament | |
| | | SPA 101 Introductory to Spanish I | |
| _____ | _____ | Area III: Natural Sciences and Mathematics | 10 |
| _____ | _____ | MTH 100 Intermediate College Algebra OR | |
| | | MTH 103 Introduction to Technical Mathematics | 3 |
| _____ | _____ | MTH 112 Precalculus Algebra OR | |
| | | MTH 118 Technical Mathematics | 3 |
| _____ | _____ | PHY 115 Technical Physics | 4 |
| _____ | _____ | Area IV: History, Social and Behavioral Science | 3 |
| _____ | _____ | History Elective: Choose one from among: | 3 |
| | | HIS 101 Western Civilization I | |
| | | HIS 102 Western Civilization II | |
| | | HIS 201 United States History I | |
| | | HIS 202 United States History II | |
| _____ | _____ | Area V: Technical Concentration and Electives | 54 |
| _____ | _____ | INT 106 Elements of Industrial Mechanics | 3 |
| _____ | _____ | INT 113 Industrial Motor Control I | 3 |
| _____ | _____ | INT 117 Principles of Industrial Mechanics | 3 |
| _____ | _____ | INT 118 Fundamentals of Industrial Hydraulics and Pneumatics | 3 |
| _____ | _____ | INT 120 Concepts of Direct Current | 5 |
| _____ | _____ | INT 122 Concepts of Alternating Current | 5 |

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|-------|-------|---|---|
| _____ | _____ | INT 130 Concepts of Digital Electronics | 5 |
| _____ | _____ | INT 139 Introduction to Robotic Programming | 3 |
| _____ | _____ | INT 184 Introduction to Programmable Logic Controllers | 3 |
| _____ | _____ | INT 284 Advanced Programmable Logic Controllers | 3 |
| _____ | _____ | INT 291 Cooperative Education | 3 |
| _____ | _____ | MSP 173 Injection Mold Setter Skills | 3 |
| _____ | _____ | MSP 175 Injection Mold Setter Skills Lab | 3 |
| _____ | _____ | MSP 273 Injection Mold Processing | 3 |
| _____ | _____ | MSP 275 Injection Mold Processing Lab | 3 |
| _____ | _____ | DDT 233 Solids Modeling | 3 |

****Keyboarding skills are essential for the successful completion of English 101.**

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| _____ | Total General Education Core | 23 |
| _____ | Total Technical Concentration | 54 |
| _____ | Total Semester Credit Hours | 77 |

Student's Signature

Date

Advisor Signature

Date