



**Program Completion Guide  
CIP Code - 15.0613  
Machining Fundamentals Certificate  
2019-2020**

**Area I: Written Composition (3 Semester Hours Total)**

| Courses | Courses Taken | Hours Earned |
|---------|---------------|--------------|
| ENG101  |               |              |

**Area II: Humanities and Fine Arts (3 Semester Hours Total)**

| Courses  | Courses Taken | Hours Earned |
|--|---------------|--------------|
| ART100, ENG251, ENG252, ENG261, ENG262, ENG271, ENG272, MUS101, PHL206, REL100, REL151, REL152, SPH107 |               |              |

**Area III: Natural Science and Mathematics (6 Semester Hours Total)**

**Note:** CIS146 and MTH100 are required.

| Courses  | Courses Taken | Hours Earned |
|--|---------------|--------------|
| CIS146   |               |              |
| MTH100 or Higher   |               |              |
| MTH110, MTH112, MTH113, MTH115, MTH120, MTH125, MTH126, MTH227 |               |              |

**Area IV: History, Social, and Behavioral Sciences (0 Semester Hours Total)**

| Courses | Courses Taken | Hours Earned |
|---------|---------------|--------------|
|         |               |              |

**Area V: Pre-Professional, Major, and Elective Courses (23 Semester Hours Total)**

| Courses  | Courses Taken | Hours Earned |
|--|---------------|--------------|
| <b>Major Core Concentration (21 Semester Hours)</b>                              |               |              |
| ADM101   |               |              |
| ADM110   |               |              |
| ADM111   |               |              |
| MTT147   |               |              |
| MTT148   |               |              |
| MTT149   |               |              |
| MTT150   |               |              |
| <b>Institutional Requirements (2 Semester Hours)</b>                             |               |              |
| ORI101<br>Take in the first semester unless student has 12 transfer credit hours |               |              |
| BSS220<br>Take in last semester of program                                       |               |              |

*In Area I through Area IV, transfer credits are accepted in accordance to ACCS policy.*

For additional courses see [http://stars.troy.edu/approved\\_courses.html](http://stars.troy.edu/approved_courses.html)

**Total Semester Hours Required for Certificate: 35**

|                        |                              |
|------------------------|------------------------------|
| <b>Student Name:</b>   | <b>Signature of Advisor:</b> |
| <b>Student Number:</b> | <b>Date of Advising:</b>     |



**J.F. DRAKE STATE**  
COMMUNITY & TECHNICAL COLLEGE



|                                   |                                    |
|-----------------------------------|------------------------------------|
| <b>Total Credit Hours Earned:</b> | <b>Date Audited by Admissions:</b> |
|-----------------------------------|------------------------------------|