**SOUTH SUBURBAN COLLEGE**

**SOUTH HOLLAND, IL 60473**

**COURSE OUTLINE GUIDE**

**ICCB Course Name and Number** MFG 120 **Semester Hours:** 2

**IAI Number:**

**Curriculum:** MFG.BASIC

**Required:** Yes **Elective:** **Replacement for:**

**Contact:** Becky Admave 708-210-5763 badmave@ssc.edu **Date Submitted:**March 2014

**Course Title: SSC Catalog/ICCB: (36 characters)** Manufacturing Internship

**Contact Hrs: Lecture -**  1 **Lab -**  **Intern -**  5

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**Description of course to appear in catalog: (Include prerequisites, lab fee, etc.)**

Applies and expands manufacturing skills and knowledge in the workplace environment. Students will have an on-site supervisor who will assign duties in the workplace. Scheduled face-to-face on campus sessions will be conducted to assess the student’s progress, problem areas, and review appropriateness of work involvement. Actual permissible duties and activities will be determined based upon the student’s knowledge and skills. Student must complete a minimum of 80 hours at the work site.

**Description for Schedule: (two sentence maximum)**

* **Pre-requisites:** MFG 102, MFG 101, MFG 103, MFG 104, MFG 107, with passing scores on certification assessments, Instructor consent
* **Lab Fee:** $0
* **Textbook(s) and other required materials:** (include author, title, publisher, etc.)

Manufacturing Skill Standards Council, *High-Performance Manufacturing*,
Woodland Hills, CA, 2006 ISBN 0-07-861487-2

**General objectives of the course:** (8-10 measurable objectives preferred)

At the conclusion of the course, the student will be able to:

1. Develop an understanding of what comprises a career in manufacturing
2. Demonstrate skills necessary to acquire an internship position.
3. Create reports/journals describing student’s experiences during the internship period.
4. Demonstrate skills and knowledge discussed in the prerequisite courses.
5. Utilize effective, safety-enhancing workplace practices.
6. Demonstrate skills necessary to fulfill internship responsibilities.
7. Demonstrate an appreciation for the need for continued education/training in manufacturing.

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**Other Aims of this Course**:

**Topical Outline: (may be on a weekly basis)**

1. Creating products and process involved.
2. Working in a manufacturing environment.
3. Applying skills and concepts learned in prerequisite courses.
4. Creating reports to document experiences in a manufacturing setting.

**Methods of presentation:** (Include out-of-class requirements such as field trips, etc.)

Lecture, Demonstration, Problem solving, small groups and discussion

**Methods of evaluation:**

1. Assessments by workplace supervisors.
2. Written report / journal review.
3. Quality of work observed on site.
4. Participation in on-campus sessions.

**Course Requirements**:

1. **Materials**:

2. **Space Needs**: Classroom

3. **Library Holding Needs**: Textbook

4. **Instructors:** Does certification criteria require that a full-time faculty member be employed for the program to be accredited? NO.

 If yes, would the College need to hire a full-time faculty member for this purpose or is there one already in place.

5. **Impact on Enrollment:** Estimate the impact this course will have on enrollment in other courses in the same division or group requirement. Enrollments should complement each other.

**6. Statement of Possible Conflict or Overlap:** Indicate statements of agreement or disagreement of other faculty members or division directors concerning subject matter content of course and its relationship with existing course.

**7. Are you considering this course for the General Education Requirements?**

**Yes []** **No [X]**

 **If yes, give rationale why and in what grouping.**

**8. Class Capacity:**What is the expected class capacity for this course? 20

***Because of the unique nature of this internship, and the monitoring that will be required, enrollment has been limited to twenty.***

If the capacity is different than standard contractual capacities of 38 lectures and 24 lab size classes, please submit supporting documentation and a rationale for the proposed variation in class size.

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9. **Outcomes Assessment Component:** Provide details of the assessment measures that will be used in this course.

100% of students who complete the internship, will pass all four MSSC assessments; and receive their Certified Production Technician certification.

10. **General Education Objectives: G1, G3, G4, G5, T1, T2, C1, C2, C4, M1, M2**

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