#### WILLIAM RAINEY HARPER COLLEGE CAREER AND TECHNICAL PROGRAMS DIVISION

. **GENERAL COURSE OUTLINE**

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| Course Prefix | Course Number | Course Title | *Contact Hours* |
| MFT | 119 | MANUFACTURING INTERNSHIP | 1.1*Lecture/Demonstratior,*  2.1Q *Lab/Studio*  3. 2 *Credit Hours* |

**Course Description**

Prerequisite: MFT 102, MFT 104, MFT 108 and MFT 109 with grades of Cor better.

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. Regularly scheduled face-to-face on-campus sessions will be conducted to assess the student's progress, problem areas and to review appropriateness of work involvement. Actual permissible duties and activities will be determined based upon the student's knowledge and skills. The student must complete a minimum of 100 hours at the work site. NOTE: Student must also have NCRC Exam Level Silver and four MSSC Certificates prior to enrolling in this course.

#### Topical Outline

1. Safety Practices
2. Production Basics

Ill. Tool and Equipment Operation

1. Communication Skills
2. Teamwork Skills

#### Method of Presentation

1. Internship
2. Other: Supervision at the workplace; hands-on demonstrations.

#### Student Outcomes (The student should)

1. develop an understanding of what comprises a career in manufacturing.
2. demonstrate skills necessary to acquire an internship position.
3. create reports/journal describing student's experiences during internship period.
4. demonstrate skills and knowledge discussed in the prerequisite courses.
5. demonstrate skills necessary to fulfill internship responsibilities.
6. develop an appreciation for the need for continued education/training in manufacturing.

#### Method of Evaluation

* 1. *Typical classroom assessment techniques*

\_Projects

\_Class participation

\_Objective tests

\_Studio/Lab performance

\_Final exam

\_Portfolios

\_Essays/Term papers

### \_Oral examination

\_Research report

* 1. *Course content learning outcomes*

### \_Quizzes

\_Group participation

\_Case study assignments

\_Homework

\_Midterm Exam

\_Exams

1. *Additional assessment information (optional).*

### Assessments by workplace supervisors, written report/journal review, quality of work observed on site, participation in on-campus sessions

#### Textbook None

o *Supplementary materials*

* 1. *Required*

oNone

o *Software*

***None***

# Prepared by: Kurt Billsten Fall 2014

Language on the syllabi course materials developed by INAM funds:

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