Course Outline

Course Title: Basic Blueprint Reading & Sketching II
Submitted By: Waldorf, Parker, Hill

Semester Course Prefix and Number: IMT 1242
Approval Date: 
Old Quarter Course Prefix and Number: 
Revision Date: 11-30-11

Number of Credits: 2
Number of Lecture Credits: 1
Number of Lab Credits: 1
Number of Lab Hours: 
Number of Studio/Demonstration/Internship Credits: 

Semester(s) Offered: 
Class Size: 35
Negotiated by AASC on: (date)

Course Purpose Code:
- 0 – Developmental Courses
- 1 – Non-transferable, General Education
- X 2 – Technical course related to career programs
- 3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
- 4 – Other college course not considered a part of general education (MNTC) (e.g. computer science, health, physical education)
- 5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.
- 9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:
The main purpose of this course is to introduce the student to blueprints and sketches. The student will learn how and why blueprints are developed as well as their use in industry. The student will also learn math and measuring required to do blueprint reading.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): IMT 1241
Reading Prerequisite: 
Composition Prerequisite: 
Mathematics Prerequisite: 

Career Programs and Transfer Majors Accessing this Course:

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:
(Notes: No more than two goals may be met by any one course. Curriculum Committee review and the Chief Academic Officer’s approval are required.)

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<tr>
<th>Goal Number</th>
<th>Goal Description</th>
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<td>0. X None</td>
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<tr>
<td>1.</td>
<td>Communications</td>
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<td>2.</td>
<td>Critical Thinking</td>
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<td>3.</td>
<td>Natural Sciences</td>
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<td>4.</td>
<td>Mathematical/Logical Reasoning</td>
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<td>5.</td>
<td>History and the Social and Behavioral Sciences</td>
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<td>6.</td>
<td>The Humanities and Fine Arts</td>
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<td>Human Diversity</td>
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<td>8.</td>
<td>Global Perspectives</td>
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<td>9.</td>
<td>Ethical and Civic Responsibility</td>
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<td>10.</td>
<td>People and the Environment</td>
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Learning Outcomes: (including any relevant competencies listed in the Minnesota Transfer Curriculum)
Upon completion of this course, the student will be able to:
  - Explain and perform necessary math functions
  - Demonstrate free-hand vertical lettering practice
  - Define and draw pictorial sketch
  - Demonstrate dimension pictorial sketch

**Student Assessment Methods:**

Quizzes and hands-on performance

**Use of Instructional Technology:** (includes software, interactive video and other instructional technologies):

Home CADD program

**Outline or Statement of Major Course Content:**

This course will help the student put into practice the knowledge obtained in the first semester. Students will make sketches and sketch equipment.

**Additional Special Information:** (special fees, directives on hazardous materials, etc.)

**Transfer Information:** (Please list colleges/majors that accept this course in transfer.)

**Approvals:**

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<tr>
<th>Body</th>
<th>Representative Signatures</th>
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<tr>
<td>Curriculum Committee</td>
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<td>Academic Affairs Standards Committee</td>
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**Distribution:** Original – Administrative Office

**Copies:** Curriculum Committee Chair, AASC Chair, Transfer Specialist, Originating Faculty Member, Scheduler, Records, Student Services, Learning Center, Library

**Revised:** October 2006