# DDGT 121 - Digital Design Graphics Technology 2 Course Outline

**Approval Date:** 04/08/2010
**Effective Date:** 01/16/2018

**SECTION A**

| | |
|---|---|
| **Unique ID Number** | CCC000213367 |
| **Discipline(s)** | Drafting |
| **Division** | Career Education and Workforce Development |
| **Subject Area** | Digital Design Graphics Technology |
| **Subject Code** | |

L. Effectively use image editing software for the creation of professional level branding materials
M. Understand various image file types and how to use them
N. Understand the difference between raster and vector file types and how to use them
O. Create professional level gatev

f. Nonferrous Metals
g. Precious Metals
h. Types of Plastics

    a. Description and Theory
    b. Revision Tables and Symbology
    c. Application
H. Reverse Engineering of Advanced Parts
I. Digital Graphics (Photoshop)
    a. Description and Terminology
    b. Raster and Vector File Types (Advantages, Limitations, and Uses)
    c. Non-

**Projects:** Class assignments.
**Other:** Class lectures and demonstrations are recorded and posted online as a student resource.

**5. Methods of Evaluation:** Describe the general types of evaluations for this course and provide at least two, specific examples.

**Typical classroom assessment techniques**

Quizzes -- Written exams and quizzes will be given to test student knowledge on software and technical skills. Exams and quizzes will contain short answer, multiple choice, and true and false.
Oral Presentation -- Students may give presentations on the reading assignments to the class.
Class Participation -- Students are required to submit reading participation assignments answering questions based on the reading prior to the lecture reviewing the material.
Class Work -- Students may have lab time available during class to work on their homework.
Home Work -- Homework can be found on the assignment list handed out on the first day of class or on the department website. Homework assignments will be submitted one of the following ways: digitally, printed, or require a visual checkoff. Homework assignments will demonstrate the student's ability to successfully utilize the software and demonstrate the student's skill set.
Final Exam -- Final Exam will be cumulative.

Letter Grade Only

**6. Assignments:** State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments
There will be multiple reading assignments out of the class textbook. Topics may include: fastening devices and methods, materials, and the forming process of metal castings.

Usage of Autodesk approved courseware is required under the terms of the Autodesk Training Center agreement. Reading assignments are contained in each individual section of the Autodesk approved courseware licensed from Ascent.

B. Writing Assignments
Students will be given multiple reading participation assignments for assigned chapters out of the class textbook or supplemental reading. Questions types will vary but the answers will be available in the reading. Students are to submit their written assignments at the beginning of the class the day that chapter is reviewed.

C. Other Assignments
Students will create a series of drawing files for digital submission or for hard copy

Creation and posting of student portfolio website showcasing student branding and work. Emphasis on consistency and professionalism.

**7. Required Materials**

**A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.**

Book #1:

Author: Bertoline, G.,R., Wiebe, E.,N., Hartman, N.,W., Ross, W.,A.