

Cover Sheet - Planned Course Overview

- A. Planned Course Title: The CAD Creation Lab Course Number: AH836T
- B. Grade level: 9-12 Mixed Level/Track: Elective
- C. Board Approval Date: 08/22/2016

D. Instructional Time:

1. Length of course in weeks: 36 weeks
2. Number of class periods per week: 5
3. Length of class periods: 42 minutes
4. Total clock hours/credit for the course: 1.0 credit

E. List of the units of study within the course and estimated number of class periods or weeks allotted to each:

<u>Unit</u>	<u>Standards (Tech Ed Standards)</u>	<u>Estimated Time</u>
Generating & Refining Ideas	3.1.A-E, 3.2.C,D, 3.7.A,B, 3.8.A,B	7 weeks (Integrated)
CAD – Modelspace	3.1.A,B,D, 3.2.D, 3.6.B, 3.7.A,C,D	10 weeks (Integrated)
CAD – Paperspace	3.1.D, 3.7.A,B,C	4 weeks (Integrated)
Production (print/trim/build/fix)	3.1.A,D, 3.2.D, 3.6.B,C, 3.7.A,B,D 3.8.B	9 weeks (Integrated)
Presentation (boards/photos)	3.1.D, 3.2.D, 3.6.B,C, 3.7.A,B,D	3 weeks (Integrated)
Evaluations: Self/Peer/Instructor	3.1.E, 3.2.D, 3.8.C	3 weeks (Integrated)

F. The texts or major resources for the course:

Title: AutoCAD 2013 for Mac: One Step at a Time (used for resource only)
 Author: Timothy Sean Sykes
 Publisher: Forager Publications (www.foragerpub.com)
 Copyright: 2013

G. Special Notes: (Regarding Differentiating Instruction)

- This class is set up to allow students to grow at their own pace as within each project is the ability to choose a solution that meets the project requirements at a level that each student is comfortable working at. For example – within the transportation project, an advanced student might choose to create a roller coaster whereas a student with less aptitude for the subject might choose to create a rowboat.
- Therefore no formal adaptations (for differentiating instruction) are required unless there are extenuating circumstances that fall far outside the norm in which further adaptations will be made as needed on a case by case basis.

H. Names of the committee members who developed the planned course:
 Tara Gray