

TECHNICAL DRAFTING B

COURSE PACING GUIDE

2ND TRIMESTER

2007-08

The focus of this part of the course (Trimester B) is individual and group work like students would find in a real-world work situation. Therefore, there are fewer assessments due to the nature of the large-scale projects, and more time for research related to the objectives. Students are able to apply techniques that were learned in the first Trimester to their projects within this Trimester.

TOPICS COVERED: *Wheel Design* and *Car Design*.

TOPICS <i>and</i> PERFORMANCE OBJECTIVES	TIME FRAME
SWEEPS AND LOFTS This is a warm-up for Wheel Designs that may be incorporated into their individual designs. Test: Sweeps and Lofts	1.5 WEEKS
WHEEL DESIGNS <ul style="list-style-type: none">• The students are given a wheel template to construct.• The students will revolve the template to create a wheel blank.• The students will research wheel designs on the net.• The students will submit a list of websites that were used in formulating ideas for the creation of their wheel designs.• The students will create multiple wheel designs (at least 5) to be submitted for grading at the end of the project deadline.• The students will submit one design to be printed and voted on by the student body.	4.5 WEEKS
CAR DESIGN PROJECT <ul style="list-style-type: none">• The students will create a car design.• The students will select their own groups of two to five persons per group.• Each person will be responsible for a certain part of the car design.• The students will select a project manager from their group.• The project manager will meet with the supervisor (Mr. Rakoczy) to discuss and troubleshoot any problems that occur along the way.• The project manager will submit a type written report at the end of the deadline.• The students will choose a tire/wheel designer from within their group.• The students will choose an autobody designer from within their group.• The students will select one person from within their group that will be responsible for filling out a daily log of work performed on their project.• The students will select one person from within their group to be responsible for creating a list of websites used for research.• Each person will be responsible for keeping busy every day with the creation and implimentation of designs that the team comes up with.• Extra Credit Opportunity: Create a clay scale model of the car design.	5 WEEKS
SEMESTER WRAP UP EXAM REVIEW ADMINISTER FINAL EXAM	1 WEEK

