



NAME: \_\_\_\_\_

BLK: \_\_\_\_\_

<b>COURSE OUTLINE DRAFTING LEVEL 1</b>
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**I. COURSE OBJECTIVES**

This course will provide you with the basics of technical drawing using the computer aided drafting program AutoCAD and associated textbook Mechanical Drawing (CAD-Communications)

**II. COURSE CONTENT**

A.	Intro to Technical Drafting
B.	Sketching and Lettering
C.	Use and Care of Drafting Equipment
D.	Geometry for Technical Drawing
E.	Multiview Drawing
F.	Dimensioning
G.	Auxiliary Views and Revolutions
H.	Sectional Views and Conventions
I.	Working Drawings
J.	Pictorial Drawing
K.	Drawing with AutoCAD

**III. SUPPLIES REQUIRED**

- Bring a **binder with paper** to class.
- Bring your **SHSS Planner** to class.

**IV. SECURITY, SAFETY & BEHAVIOR**

- Any abuse or misuse of equipment will result in consequences,
- No outdoor jackets permitted in the lab,
- No backpacks or large carry bags,
- No food or drink,
- No personal cell phones, cameras or DAPs may be brought into the Systems Lab.



## V. EVALUATION

Projects.....	50%
Drawings will be assigned and random samples will be printed and assessed for term marks	
Theory and Quizzes (written and practical).....	35%
<ul style="list-style-type: none"><li>• Navigating in and using AutoCAD,</li><li>• International drafting convention standards involved in technical drafting for engineering,</li><li>• Basic Architectural drafting</li></ul>	
Participation/Accountability .....	15%
i) Attendance	
<ul style="list-style-type: none"><li>• Truancy, tardiness, leaving class without permission</li></ul>	
ii) Reliability	
<ul style="list-style-type: none"><li>• Willingness to follow instruction,</li><li>• Willingness to work without constant supervision</li><li>• Attentiveness</li><li>• Cooperation</li></ul>	
<b>TOTAL.....</b>	<b>100%</b>

## VI. NOTEBOOK

Tests and quizzes will be based on the notes you have taken in class. It is essential that you keep your notebook neat and organized. If you miss a day of notes, it is your responsibility to get the notes from another member of the class. All handouts you receive must be hole-punched and inserted correctly into your binder. 10% of your grade for the course will be based on how neat and complete your notebook is.



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## VI. COSTS FOR PLOTTING FINAL PROJECTS

Every student will be able to meet the course objectives at no cost to the student.

Should the student wish to plot a drawing on sheet sizes bigger than 8.5 x 11 to take home there will be a cost proportional to the paper size.

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*Parent Signature*