



NAME: _____

BLK: _____

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| COURSE OUTLINE DRAFTING LEVEL 2 |
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I. COURSE FOCUS

Building on your Drafting L1 foundation this course will provide you with more advanced technical drawing skills using the computer aided drafting program AutoCAD. The primary focus of this course will be to further the students understanding of mechanical drawing, architectural drafting and design, and 3 dimensional AutoCAD.

II. COURSE CONTENT

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| A. | Basic Sketching |
| B. | Threads and Fasteners |
| C. | Sectional Views |
| D. | Auxiliary Views |
| E. | Developments and Intersections |
| F. | Assembly Working-Drawings (including Isometric) |
| G. | Size Tolerancing |
| H. | Introduction to Architectural Drafting & Design |
| I. | Introduction to 3D – 3DS Max |

III. SUPPLIES REQUIRED

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

IV. SECURITY, SAFETY AND SUCCESS IN THIS COURSE

- 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

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| Projects..... | 60% |
| Drawings will be assigned and random samples will be printed and assessed for term marks | |
| Theory and Quizzes (written and practical)..... | 20% |
| • Navigating in and using AutoCAD, | |
| • International drafting convention standards involved in technical drafting for engineering, | |
| • Basic Architectural drafting | |
| Participation/Accountability | 20% |
| i) Attendance | |
| • Truancy, tardiness, leaving class without permission | |
| ii) Reliability | |
| • Willingness to follow instruction, | |
| • Willingness to work without constant supervision | |
| • Attentiveness | |
| • Cooperation | |
| TOTAL..... | 100% |

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.

Parent Signature