



NORTHVIEW HIGH SCHOOL
ARCHITECTURAL DRAWING AND DESIGN II SYLLABUS
Architectural Drawing and Design Pathway
Course Number 48.546000

Mr. Paul Platt
Room 790

Prerequisite: Architectural Drawing and Design I (Course No. 48.5450000)

COURSE DESCRIPTION:

Architectural Drawing and Design II is the third level drafting course at Northview HS. This advanced course of study in the drafting and architecture field is recommended for students in Grades 11-12. Students will continue developing skills of Engineering, Design and Architecture. Some hand drafting and sketching techniques are used to initiate the design process but most designing and drawing will be done on computer based software to design architectural buildings. Architectural Drawing and Design I is a prerequisite course. Students use the basics of sketching and drafting as they learn architectural design and the use of sophisticated state-of-the-art AutoCAD software for designing commercial and residential buildings.

Course Standards:

- **ACT-ADDII-1. Students will prepare electrical plans.**
- **ACT-ADDII-2. Students will prepare sections and details.**
- **ACT-ADDII-3. Students will prepare site plans.**
- **ACT-ADDII-4. Students will create a presentation for a building.**

Methods of Instructional Learning: The instructor will utilize the following methods for meeting learning objectives for the units of the course:

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| 1. Class lecture/discussion/demonstration | 4. Student projects/reports/tests |
| 2. Question/answer | 5. Group work |
| 3. Guest speakers | 6. Audio-visual aids |

GRADING:

Class Participation / Ethics	10%
Journal/Notebook	10%
Quizzes	15%
Tests	20%
Class Assignments/Projects	30%
Final Exam	15%

TOTAL **100%**

WORK READY ASSESSMENT TEST: The Georgia Department of Education has made available an assessment to ascertain the competence of our students. The Work-Ready Assessment measures the skills of Georgia's workers, determines valuable job training opportunities, and assures companies that the state can provide a long-term, qualified labor supply, and is a requirement for some Georgia jobs. The Work Ready Assessment will be administered to all seniors enrolled in a Career Technology course. The assessment will be administered in April. More information will be provided at the time.



MATERIALS & TEXTBOOKS:

A suggested lab fee donation of \$30 is requested to help cover the cost of some of the materials for this course. Students may need to obtain some additional materials. Students are required to bring their own writing materials (pen/pencil and paper) to class every day.

The course textbooks are **Commercial Design** by Stine; replacement cost is \$49.95 and **Architectural Drafting and Design** by Jefferis; replacement cost is \$188.62.

*** Note: Students will be issued these textbooks. Any student who damages a textbook will be responsible for any and all charges associated with such damage.

CLASS RULES AND EXPECTATIONS:

Students are expected to follow the rules and regulations that are stated in the Northview High School Student Handbook. Much of what we do in this class will emulate the real-world engineering environment. This is designed to help prepare you to be a more productive, trusted and valuable employee. Participation and a good attitude are expected! Independence and on task behavior is expected. Teamwork and group cooperation is a necessity. Trust will be an important factor. Failure to act responsibly can result in class failure and possible expulsion from the lab. Mature, responsible adult behavior is expected in the classroom at all times. Be respectful of oneself and others as well as all equipment and materials.

HONOR CODE:

Cheating has been defined as giving or receiving information relating to a gradable experience including the use of sources other than those specifically approved by the teacher. Plagiarism and the related act of allowing another student to use one's work are not to be considered inconsequential pranks. Such acts involve serious moral implications; they constitute lying and stealing. They are unjust to teachers who spend valuable time evaluating the paper. They are ultimately harmful to the student committing the act, who is deliberately undermining his/her integrity, destroying his/her reputation, and breaking the trust that must exist between a student and teacher. An honor code violation results in a zero on the assignment, no opportunity to make up the work, and disciplinary action. **For the complete honor code policy, visit the Student Handbook on www.northviewhigh.com.**

Provision for Improving Grades (formerly known as the "recovery" policy) – Updated from Board Policy Docs – Aug 2011 Opportunities designed to allow students to recover from a low or failing cumulative grade will be allowed when all work required to date has been completed and the student has demonstrated a legitimate effort to meet all course requirements including attendance. Students should contact the teacher concerning recovery opportunities. Teachers are expected to establish a reasonable time period for recovery work to be completed during the semester. All recovery work must be directly related to course objectives and must be completed ten school days prior to the end of the semester.

ATTENDANCE AND MAKE-UP: Students are expected to be present. As outlined in the student handbook, students may request missed assignments for excused absences. A parent or doctor note must be presented to the attendance office within three days of the absence. Make-up work must be completed within the designated time period as outlined in the student handbook.

EXTRA HELP: Help sessions may be scheduled before school. Students must request help sessions twenty-four hours in advance from 7:50 to 8:20 a.m.

PARENT/TEACHER COMMUNICATION

Parent / Teacher Communication: Parent/teacher communication: Communication with parents about academic progress, behavior and/or attendance is welcomed and will be handled by phone, mail, conference, or a combination of these as the need arises. Home Access Center (HAC) is available for the use of all parents in monitoring a student's academic progress, attendance, or behavior. Please call the main office (470-254-3828) for more information.

Headphones/iPods/musical or game devices cannot be used in Career Tech classes unless it is part of the course curriculum.

