

Instructor Lawrence Chaney

Class Investigating Technology

Period 2nd hour

Course Description:

Students will explore technology utilizing hands-on learning experiences in the Technology Lab. Students will rotate through a series of learning modules or complete personal projects and assignments that develop technological literacy and critical thinking skills.

Materials needed for the class:

None - class fees pay for all consumable supplies.

Types of activities taking place in your classroom:

Students will develop proficiency in several program competencies including, but not limited to: Computer-Aided Design and Modeling, Video Production, Aerodynamics, Pneumatics, Testing Strength of Materials, Website Design, Digital Imaging and Editing, Plastics, Robotics, Computer Animation and Special Effects, Lasers and Fiber Optics

How students will be evaluated:

Each technology module is worth 300 points and will last approximately 10 days. Modules may either be worksheet-based, portfolio-based, or a combination of both.

Worksheet-based modules normally require completion of specified lab activities (usually worth 200 points), followed by a post-test (usually worth 100 points).

Unless otherwise specified, portfolio-based modules will be graded as follows:

- Portfolio Appearance (50 points) (All Required Slides present, Spelling/Grammar, Use of Graphics)
- Reflection (150 points) (Purpose/Objectives, Daily Journal, Research Questions, Tech Terms, Summary)
- Project Evaluation (100 points) (Goals Completed, Quality of Work, Contribution, Work Ethic)

Lab partners may be required to independently complete an exit project worth up to 100 points. This is to ensure that both students have learned the fundamentals of the module.

Other directed activities will have varying point values as indicated when the assignment is given. The semester grade is calculated by dividing a student's point total by the total possible points.

Discipline rules and expectations:

1. Students will RESPECT
 - The teacher and the teacher's right to teach
 - The other students and their right to learn
 - The property of others, including school property
 - The rules and procedures established for the school and the classroom
 - Themselves, demonstrating appropriate behavior at all times
2. Students will be WHERE they are supposed to be, doing WHAT they are supposed to be doing, WHEN they are supposed to be doing it.

Consequences for inappropriate classroom behavior:

The consequences for inappropriate classroom behavior will normally progress in the following sequence, although exceptions may be in order depending on the nature of the misbehavior.

Instructor Lawrence Chaney

Class Investigating Technology

Period 2nd hour

1. Verbal warning
2. Deduction of daily points or physical conditioning (student's choice)
3. Detention to be served no later than the afternoon of the following school day
4. Temporary restriction of computer access (for computer violations)
5. Conference with parents/legal guardians
6. Administrative referral

Additional Comments

Instructor's Name

Name of Class:

Lawrence Chaney

Investigating Technology

I have read and understand the Classroom Expectation:

Parent/Guardian signature

Date

Student signature

Date