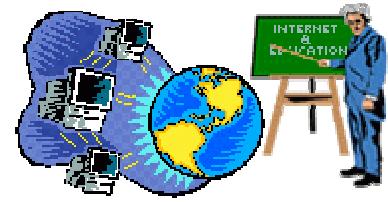


Computer Graphics and Multimedia I



Course Description:

Students will learn the contemporary software packages used in the field of computer graphics. At the same time, students will learn basic design principles required for daily presentation of work. The majority of the course will focus on electronic image manipulation, scanning and related hardware. Students will also explore software commonly used in multimedia presentations. Students will use software packages such as Paint Shop Pro for image manipulation, PowerPoint for multimedia presentations, and Animation Shop to create simple animations. Print Artist MORPH will also be used for image transitions. Interactive presentations development will be introduced. Students will be required to complete a variety of projects to demonstrate proficiency in computer graphics and multimedia development.

Topics to be Discussed:

Computer File Management Techniques	Computer Animation Development
Computer Graphic File Format Types	Digital Scanning Techniques
Hardware Requirements	Multimedia Software/Hardware Requirements
Imaging Software Programs	Digital Sound/Music File Creation & Editing Techniques
Digital Photo Touch-up Techniques	Multimedia Presentation Development
Digital Photo Enhancement Techniques	Analogue & Digital Movie Development and Editing Techniques
Computer Graphic Development	Student Portfolio Development

- More will be added as additional equipment and software become available

Expectations:

Being prepared for class is expected and it is the student's responsibility to have all assignments completed when due. Students will have a weekly list of the major assignments, tests/quizzes, and performance assessments. I will also be sending home grade reports approximately every four weeks that will list all grades to date. These reports will be required to be signed by at least one parent/guardian.

Absences:

Any time a student misses school it is the student's responsibility to contact the school to get any assignment that can be sent home. If an extended excused absence is anticipated please make arrangements with me in advance in order to complete any work that will be missed. Students will **NOT** be allowed to make up work because of unexcused absences. Please see the Student Handbook for more information. Students are expected to bring the following materials to class each day: 1. *Notebook/Portfolio, 2. Pen(s) & Pencil(s), 3. Homework/Project if assigned. **The notebook/Portfolio is a valuable assessment tool. It helps you to organize yourself and contains all assignments in which you will be evaluated. I would suggest a 2-3 inch 3 ring binder with approximately 5 dividers.

Notebook/Portfolio Setup: The notebook will be evaluated upon the following checklist:

Organization-

- Notebook/Portfolio divided into proper sections (Notes/Journal, Handouts, Classwork, Tests/Quizzes, Homework)
- Divider tabs clearly and properly labeled
- Sufficient amount of material in the proper sections (no missing assignments, notes, etc.)
- Weekly Assignment(s) listed in front

Appearance-

- Name and class clearly labeled on outside and inside cover
- Material not falling out, no nubs or torn material
- Neatness- proper care and respect from cover to cover
- Notebook in good working condition

Course Grading:

<i>Area</i>	<i>Percent of Grade</i>
Test/Quiz	20%
Classwork	40%
Homework	10%
Notebook/Portfolio	30%
Total	100%

Grading Example:

Test/Quiz Ave. = $76 \times .20 = 15.2$ grade points

Classwork Ave. = $92 \times .40 = 36.8$ grade points

Homework = $68 \times .10 = 6.80$ grade points

Notebook = $96 \times .30 = 28.80$ grade points

Final Grade 87.6

- This elective course is a graded course...NOT pass/fail. It relies heavily on student production, collection and organization of their work (Classwork & Notebook counting for 70% of their grade).

Contact Information:

If you have any questions I can be reached at (S) 413-458-9582 ext. 120, (H) 802-447-1754. I may also be reached by Email at: mjpowers@mgrhs.org or mjpowers1@adelphia.net.

Thank you,

Mr. Michael J. Powers