



Three Rivers School District
PLANNED COURSE STATEMENT

Course Title: Advanced Computer Graphics	Grade Level(s): 9-12
Length of Course: Trimester	Credit Area: Business - Technology
Prerequisite: MS Office Suite, Computer Graphics or teacher approval	Amount of Credit: .5
Adopted/Supplemental Materials: Adobe Photoshop CS5, Teacher Generated Materials	
Dual Credit Articulation: College Now; RCC GD160 – Digital Imaging	

COURSE DESCRIPTION:

This advanced class builds on existing knowledge of Photoshop from the course Computer Graphics and expands the students list of creative techniques. While this course is strongly slanted toward design-related details and functions, it also explores the real-world realities that apply to the everyday use of Photoshop. Color correction and color adjustment are stressed in various projects as well as issues of proper output for printing. This course is recommended for those planning to obtain the Adobe Certified Expert status.

COURSE GOALS:

1. Vector shapes and clipping paths
2. Special effects
3. Color management
4. Producing and printing consistent color
5. Preparing images for two color printing
6. Actions
7. Advanced type effects
8. Color correcting and exposure
9. Advanced photo repair

ASSESSMENT STRATEGIES:

1. Students will complete a series of exercises to demonstrate an understanding of the Photoshop interface. Criteria for assessment include appropriate use of Photoshop techniques.
2. Student will participate in several group critiques. Criteria for assessment includes the students ability to evaluate his/her work and the work of others, identify problems, and apply standards to correct or improve their solutions.
3. Students will produce a variety of digital illustrations and graphics for use in print and electronic media. Criteria for assessment include professional execution of quality digital illustrations and successful delivery for print and screen.
4. Students will use design and technical resources to problem solve and implement new techniques. Criteria for assessment include the effective use of additional digital illustration techniques and applications for successful visual communication.
5. Additional Tests, Quizzes and projects will be utilized.

ACCOMMODATIONS AND MODIFICATIONS:

Following mastery of introductory concepts, the class will be modified by individual pacing.

CAREER RELATED LEARNING STANDARDS:

Essential skills are embedded in the curriculum. Among those students will have an opportunity to continue toward mastery include:

- Read and comprehend a variety of text
- Write clearly and accurately

- Apply mathematics in a variety of settings
- Listen actively and speak clearly and coherently
- Think critically and analytically
- Use technology to learn, live, and work
- Demonstrate personal management and teamwork skills