



# Computer Graphics

2020-2021

## **Instructor Information**

**Name:** Joshua J. Schoeneck, BS, MS

**Office Location:** 1121

**Email:** joshua.schoeneck@kmlhs.org

**Office Phone:** 262-677-4051 x1121

**Cell Phone:** 262-225-7308

## **General Course Information**

**Title:** Computer Graphics (85225)

**Department:** Business Education / Computer

**Credits:** 0.5 credits

**Length:** 16 weeks

**Elective or Required:** elective

**Grade Level:** 10-12

**Semester:** S2

**Meeting Schedule:** Period 5A (S1), Period 3 (S2), or online

**Prerequisites:**

For KMLHS - credit in *Computer Applications: Typing and Academic Skills* or *Computer Applications: Academic and Business Skills*

For ALHSO - none

**Course Description:** This course will introduce students to both raster and vector graphic editing software to create, edit, and manipulate images and drawings. These skills can then be applied to complete projects in other courses during and after high school, in the workplace, and for personal use.

## **Parent-Instructor Communication**

The instructor will strive to contact the parents when he observes tendencies including – but not limited to – the following: lack of academic effort, poor and failing grades, and classroom misconduct. Parents are urged to communicate with the instructor when they have questions and concerns. The best way to contact the instructor is via email. The instructor will make every effort to respond to phone calls and emails in a timely manner.

## **Course Details**

**Course Purpose:** Computer Graphics will introduce students to both raster and vector graphic editing software to create, edit, and manipulate images and drawings.

### **Course Goals:**

This course will:

- familiarize students with terminology and concepts used in the field of computer graphics.
- provide students with an opportunity to create their own digital images.
- allow students to glorify God by harnessing technology.

**Course Outcomes:**

The students will:

- modify vector images.
- create vector images.
- modify raster images.
- create raster images.

**Student Materials:**

- Chromebook or computer with an up-to-date web browser
- access to the Internet

**Instructional Strategies**

This course will be taught entirely online using a guided practice approach. Students who have questions, concerns or need additional help with their work in this course are strongly encouraged to contact the teacher to discuss the situation in person, by email, through Google Classroom, by phone, or by text.

**Assignments & Assessments**

**Unit Projects**

- Units take approximately 3-4 hours to complete. To keep on pace, students will need to complete a unit about every week, Monday through Friday. When offered in the summer, units will need to be completed about every two days.
- Unit projects demonstrate mastery of the skills covered in each unit.

**Grading**

The primary purpose of grades is to communicate student achievement to students, parents, school personnel, post-secondary institutions\*, and employers\*.

\*only if permission is granted by students and their parents

**KML Standard Grading Scale:**

95-100% = A	87-90% = B	79-82% = C	72-74% = D
93-94% = A-	85-86% = B-	77-78% = C-	70-71% = D-
91-92% = B+	83-84% = C+	75-76% = D+	0-69% = F

**Grading Policy:**

The final semester grades in this course are calculated based on the total number of points earned divided by the total number of points possible. One grade is calculated for the summer semester. There are no quarter grades

**Grading Procedures:** Grades will be entered into Google Classroom, PowerSchool (for KML students), and Moodle (for ALHSO students) on at least a weekly basis. Feedback on assignments is provided through Google Classroom. If you have any questions about something you see in the grade book, please contact Mr. Schoeneck right away. All students are expected to keep track of their own grading progress in the online grade book.

**Major Assignments:** Failure to complete all major assignments in a course results in an automatic “F” for the course. This course has no assignments that are considered major assignments.

**Late and Incomplete Work:** Assignments that are not turned in by the due date will be marked as “missing” and will receive a grade of zero. Students may regain up to full credit for these late assignments if they are turned in before the end of the semester. Students are strongly encouraged to complete their work in a timely manner throughout the semester.

**Makeup Work:** Students should complete makeup work as quickly as possible in order to be able to complete all of the course work before the end of the course.

**Extra Credit:** There are no extra credit assignments in this course.

## **Classroom Procedures**

**Attendance:** KMLHS students are expected to attend all scheduled classes in accordance with the attendance policy as outlined in the KML Student Handbook. In the event of an absence, it is the responsibility of the student to follow all necessary steps as outlined in the handbook. ALHSO students must follow the attendance policy of their own school. When this course is taken online, no attendance is taken for the course.

**Tardiness:** KMLHS students are expected to be in the classroom when the class begins in accordance with the tardiness policy as outlined in the KML Student Handbook. The instructor will notify students if they have been marked tardy. ALHSO students must follow the tardy policy of their own school. When this course is taken online, no tardies are given.

**Academic Dishonesty:** The instructor expects all students will honor the principles of honesty and truth as taught in God’s Word. This means that all academic work will be done by the student to whom it was assigned without unauthorized aid of any kind. Research sources must be cited fully and accurately. The instructor reserves the right to use academic screening methods to check the authenticity of student work. KMLHS students should refer to the KML Student Handbook for additional guidelines concerning penalties for cheating. ALHSO students should refer to the ALHSO Student Handbook for additional guidelines concerning penalties for cheating.

**Behavior:** In keeping with the distinct character of Kettle Moraine Lutheran High School and ALHSO, students will be expected to behave in the ways that our Lord asks Christians to act including showing love and respect to their fellow students and teacher. A lack of this love and respect will result in discipline by the teacher.

**Daily Routine:** Students who attend class in-person are expected to spend an entire period during each school day working on the assignments for this course, which should equal 2-3 hours per week. Students taking the course online are encouraged to do some work every day, but that is not a requirement. Students taking the course in the summer should note that this course runs about twice as fast as a regular semester course because of the shortened summer schedule and they should budget about 10 hours a week to complete the work in this course.

**Academic Progress:** It is the intent of KML and ALHSO that all students enrolled in this course should complete it successfully. The instructor will strive diligently to help students to succeed. For KMLHS students, when it becomes apparent to the instructor that a student has placed himself/herself in jeopardy of meeting the minimum requirements of the course, the instructor may begin the procedure outlined in the Academic Progress Policy of the KML Student Handbook in order to remedy the situation.

**Course Help:** Students are encouraged to ask for help from their fellow students or the instructor. Students are encouraged to ask for help right away whenever they have a problem or question. Please note that a response from the instructor may take 24-48 hours during the week.

**Personal Electronic Devices:** Students may use their own computers or the school computers during this course. Use of other devices, like cell phones, will be at the teacher's discretion.