

Digital Arts Studios Course Map

Digital Media Concentration

1. Digital Media (Prereq: none; Grade 9)
2. Advanced Digital Media* (Prereq: DM; Grade 10)
3. Adobe Visual Design* (Prereq: ADM; Grade 11)
4. Adobe Video Design (Prereq: Adobe Visual Design; Grade 12)

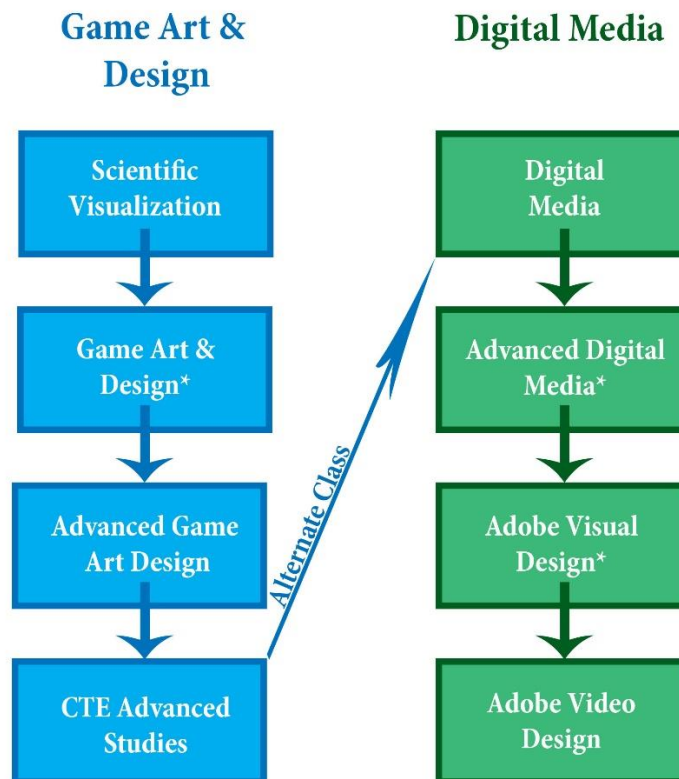
Game Art & Design Concentration

1. Scientific Visualization (Fundamentals of Game Design) (Prereq: none; Grade 9)
2. Game Art & Design* (Prereq: Sci Vis; Grade 10/11)
3. Advanced Game Design (Prereq: GAD; Grade 11/12)
4. CTE Advanced Studies (Prereq: 3 CTE classes in GAD area & teacher approval; Grade 12) **or** Digital Media (Grade 9/10/11/12)

CTE Classes (electives available to all students)

- Digital Media (Grade 9/10/11/12)
- Scientific Visualization (Grade 9/10/11/12)
- Prerequisites above for: ADM, Adobe Design Classes, GAD, and AGAD apply to ALL students

Progression of Digital Arts Studios



* Completer Course

Course Descriptions

Type: Elective (for all classes)

Scientific Visualization (Game Design Fundamentals) - TS212X0Y

This introductory course focuses on learning the tools and techniques of 2D and 3D digital graphics and animation. Students will use industry standard software as they become proficient in these areas.

Course Note: Assessment required for concentration

Game Art & Design* – TS312X0Y

This intermediate course focuses on the tools and techniques familiar to individuals employed in the game industry. Students learn about game theory and create both physical games (card and board), and 2D video games along with all associated game assets.

Prerequisite: 80062Y - Scientific Visualization

Advanced Game Design – TS322X0YG2

This advanced course builds upon the student's understanding of game theory. Students examine careers in the game industry, audio/video techniques, advanced 3D modeling and learn the basics of creating 3D video games. Students build a digital portfolio to showcase their game designs during attendance at the East Coast Game Conference.

Course Note: Students need to purchase a book

Prerequisite: 82212Y – Game Art & Design

CTE Advanced Studies – CS952X0Y

This advanced studio course allows the student to delve deeper into one aspect from their previous digital arts courses. Students explore a topic independently, culminating in a finished product related to their studio area.

Course Note: Requires 3 concentration classes in desired concentration & teacher approval

Digital Media – IA312X0Y

This beginning digital art course is for students interested in pursuing a career in digital media production. Students will learn video, audio, graphic design, animation and web design using Adobe Creative Cloud.

Course Note: Assessment required for concentration

Advanced Digital Media* – IA322X0Y

This intermediate digital art course is a continuation of the skills learned in Digital Media. Students learn intermediate skills in video, audio, graphic design, animation and web design using Adobe Creative Cloud.

Prerequisite: Digital Media

Adobe Visual Design II31* – 7938

This course is a project-based course that develops art and communication skills in print and graphic design using Adobe tools. Students will leave this course with an in-depth and diverse graphic design portfolio.

Course Note: Advanced Digital Media

Adobe Video Design – II31

This course is a project-based course that develops art and communication skills in video production using Adobe tools. Students will leave this course with an in-depth and diverse video production portfolio.

Course Note: Adobe Visual Design