



NEW COURSE PROPOSAL

- Step 1: Communicate with the Principal about the new course.
Step 2: Complete this form fully.
Step 3: Obtain required signatures.
Step 4: Submit to Counseling Department.
Step 5: Counseling Department adds items in RED to SYNERGY.

Course Background

Name of proposed course name: Digital Game Design 1

Date of proposed new course (school year it would begin): Spring 2026

Department submitting proposal: Business

Staff member name submitting proposal: Melissa Hendrickson

Is the proposed course replacing an existing course? YES X NO

If so, what course is being replaced?

Rationale (include reasons why this proposal needs to be considered outside the curriculum cycle):

Type of course: Required X Elective

Prerequisite(s): Web Design 1

Course Duration: X Semester Full Year

Grade Levels: 9th Grade X10th Grade X11th Grade X12th Grade

MN Academic Standards:

IT72.10.02 Compare and contrast historical game design to current industry standards and developments.

IT72.10.02 Identify and analyze programming for digital game/simulation development.

IT72.10.03 Develop a digital game or simulation.

Course Description:

This course is designed to introduce students to the elements, structure, and design of computer games and simulations. The course will prepare students to design and edit computer games, mobile applications, and simulations by studying game methodology, programming, game genres, game theory, and 2D and/or 3D interactive experiences. Students will also explore business and technology career fields related to digital game and mobile application design and development.

Scheduling Considerations (# of semesters, alternating years, grade levels allowed, etc.): Odd years based on the fall semester.

Estimated Costs

Resources/Textbook (list title, copyright date, publisher, and cost): Zero. Code.org is free for HLWW and much of the work can be done through this resource.

Curriculum Writing Needs (# of hours needed for curriculum mapping and writing essential standards): None

Staff Development Needs (additional training staff needs to teach the course): None

Staff Impact (who will teach the course, effect on dept. staffing, effect on other depts. +/-, student/staff ratio, etc.): Hendrickson will teach this course in alternate years. We updated the schedule of courses and this one fits as a level 2 course for program approval. Updated 10/27/2022

Facility Impact (any special consideration for space, equipment, etc.): No changes needed.

Required Signatures:

Department Chair: Melissa Hendrickson Date: 11/12/24
Curriculum Director: [Signature] Date: 11/13/24
Principal: [Signature] Date: 11/13/24

After obtaining the required signatures, submit to Counseling Department. Counseling Department will add to Synergy.

Final Approval Signature:

Principal/Superintendent/Board: _____ Date: _____

Additional Notes:

Curriculum/Counseling Department Use Only:

Synergy District Course:

Course ID Assignment: _____

Academic Type: _____

Course Subject Area: _____

STAR Assignment: _____

STAR Grade Level: _____

(If not 9-12, mark with the lowest grade offered.)

National Course Classification:

Subject Area: _____

Course Level: _____

Course Code: _____

State Course Classification:

Course Record Type: _____

Subject Area: _____

Course Level: _____

Standard Addressed: _____

AP Indicator: (Remember to fill in - AP Test)

Group Name)

Civil Rights Data Collection:

CRDC Subject Area: _____

CRDC Course Code: _____

Federal AP Code: _____

College In Schools Courses:

College Prep:

College Approved:

Dual Credit:

Course Level: Dual/Concurrent Enrollment

(Check the Dual/Concurrent Box in State Course)

College Code: _____

College Course Code: _____

College Course Title: _____

College Course Credits: 2 3 4

College Name: _____