NEW COURSE APPROVAL FORM

Date: __31 Oct 2023__

Department Chairperson/Building Coordinator: _____Erin Schroeder_____

Department: __Mathematics__   Building: _____High School_____

Proposed Course Title: _APCSP Cybersecurity_   Grade Level: __9-12__

Course Length: _____1 ~~Semester~~ Year_____   Credits: ____0.5 1.0____

Requirement/Elective: _Elective_   Meeting Frequency: __block schedule__

Anticipated Enrollment: _~40 (<24 per section)_   Prerequisites: _Computational Thinking_

Principal's Approval:_____10/2/2025_____
Comments:

Review & Discuss Within the Building Between Departments –
Date:_____10/2/2025_____
Comments:

Systemwide Curriculum Committee Review Date:___10/8/2025_____
Comments:

Director of Instruction/District Administrator's Approval: _10/22/2025_

Board of Education Curriculum Sub-committee Review Date:_____

Board of Education Approval Date:_____

I.   **COURSE INFORMATION**

A.   <u>Rationale for Course</u>: (*Provide a brief description of student/school needs/purpose of course, benefits, and anticipated student outcomes.*)

Advanced Placement Computer Science Principles: Cybersecurity would give students AP credit while increasing their awareness of online threats and how to combat them. It will make students safer online.

B.   <u>Course Description</u>: (*Short descriptive paragraph highlighting the major focus of course. To be used for course offering catalog.*)

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Students will explore all the AP CSP requirements with an emphasis on Cybersecurity applications in JavaScript.

C.   <u>Course Outline</u>: (*Attach course outline which includes the major topics and concepts.*)

Attached.

D.   <u>Materials & Resources</u>: (*Include text, computer/technology tools, and supplementary information.*)

Subscription to CodeHS APCSP Cybersecurity course.

E.   <u>Instructional Methods</u>: (*Check applicable ones and explain wherever necessary.*)
Which of these are used: Check with "X"

✔ Lectures   ✔ Demonstrations   ✗ Field Trips

✔ Discussions   ✔ Term Papers   ✔ Check Quizzes

✗ Special Reports   ✗ Extra Reading   ✗ Individual Study Contracts

✔ Laboratory   ✗ AV Materials   ✗ Other
   (*Hands-On*)

✔ Online/Virtual Learning

F.   Student Evaluation Procedures:

Students are evaluated through assignments, quizzes, papers, and exercises in a project-based learning environment.

G.   Financial Impact: (*Provide an explanation of projected costs for personnel, materials, and equipment for __subsequent__ years when the proposal is fully implemented.*)

This course would replace IT Essentials, so no new hire is needed. Curriculum access is the cost of our current subscription plus $150 per student above 30 with CodeHS accounts.

H.   Explain how this new course will correlate with Wisconsin State Academic Standards and/or district remediation plans.

This course aligns with all of the DPI's IT Literacy standards.

II.   **OTHER PERTINENT INFORMATION**
A.   This course will be: (*please check one*)
        an addition to the department's offering
✔   a replacement for _IT Essentials_
        a pilot study

B.   This course will require (*please check the appropriate spaces*):
        the adoption of a new textbook
✔   the use of a text previously adopted and in use

C.   This course will require (*please check appropriate spaces*)
        specialized organization of teacher time
✔   specialized room arrangement or equipment (*explain below*)
        specialized student grouping or sectioning
        curriculum planning time
        specialized technology

D.   To what extent will this curriculum change affect the number of teacher preparation each semester? (*Explain*)

> As it replaces IT Essentials, no change is needed unless it becomes a popular course.

E.   To what extent does this course conflict with the content and/or student availability of other courses in your department?

> None.

F.   To what extent does this course conflict with courses offered in other departments?

> None.

G.   What course(s) could be deleted if this curriculum change is adopted?

> IT Essentials

H.   This proposed course must be discussed with other members of your department prior to submitting this form. (*Describe briefly the outcome of these discussions.*)

> Unanimous acclaim.

I.   To what effect does this curriculum change affect the K-12 Skills Continuum? (*duplication, deletion, reinforcement, etc.*)

> reinforcement

J.   If approved, this course will begin: _____ Fall 2024 _____
                                              (*semester/year*)

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