Minutes
Special Meeting
Curriculum Committee
Wednesday November 13, 2024@ 2:30 p.m.
Central Office
Conference Room

Board Committee Members Present
Alice Jones, Chair
Jim Crocker
Chris Matta
Michael Carbonneau

Absent
N/a

Also Present
Brian Murphy, Superintendent
Taryn Fernandez, Director of Teaching and Learning
Nicole Cowles
Shannon Belanger
Ray Robillard

I. Call to order

Alice Jones called the meeting to order at 2:30 p.m.

II. Curriculum Documents for Approval

A. Calculus Honors

- Course covers most college calculus content through limits, derivatives, and integrals
- Students can move up from College Prep pre-calculus to Honors level in senior year
- Activities align with math department's building classrooms approach emphasizing vertical work and collaboration
- Course provides alternative to AP Calculus while maintaining college preparation focus
- Prerequisites include either pre-calculus or pre-calculus honors
- Students reported strong preparation for college calculus based on course content

APPROVED

Motion
A motion was made by Alice Jones and seconded by Michael Carbonneau to accept/approve the course as presented and recommended that it be brought before the full board for final approval, all in favor, none opposed, motion carried unanimously.

B. AP Computer Science Principles/Computer Programming with Mathematical Modeling

- Three courses running concurrently: AP Computer Science Principles, AP Computer Science A, and Computer Programming with Mathematical Modeling
- Computer Programming serves as semester-long introduction course
- AP Computer Science Principles covers programming basics, internet functionality, computer data abstraction, and ethical issues
- AP Computer Science A focuses exclusively on Java programming
- Combined classes showing **70-75%** success rate on AP exams
- Students demonstrate strong peer teaching and collaboration across course levels

Motion
A motion was made by Michael Carbonneau and seconded by Jim Crocker to accept/approve the AP Computer Science Principles course as presented and recommended that it be brought before the full board for final approval, all in favor, none opposed, motion carried unanimously.

Motion
A motion was made by Jim Crocker and seconded by Alice Jones to accept/approve the Computer Programming with Mathematical Modeling course as presented and recommended that it be brought before the full board for final approval, all in favor, none opposed, motion carried unanimously.

C. Algebra II

- Revised curriculum starts with function fundamentals and domain/range concepts
- Added real-world applications
- Enhanced statistics unit to align with SAT requirements
- Implemented building thinking classrooms approach for student inquiry
- Created more cohesive structure between honors and college prep levels

Motion
A motion was made by Alice Jones and seconded by Michael Carbonneau to accept/approve the course as presented and recommended that it be brought before the full board for final approval, all in favor, none opposed, motion carried unanimously.

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D. Probability and Statistics

- Available to all students who completed geometry
- Designed to prepare students for college statistics courses
- Emphasizes hands-on learning and class discussions
- Helps students with SAT preparation through statistics content
- Focuses on developing practical consumer understanding of statistics
- Implements project-based learning and vertical learning approaches

Motion

A motion was made by Alice Jones and seconded by Jim Crocker to accept/approve the course as presented and recommended that it be brought before the full board for final approval, all in favor, none opposed, motion carried unanimously.

E. Computer Aided Drafting (CAD)

- Only course at school covering architectural design
- Students learn AutoCAD software used in industry
- Includes 3D printing from design through production
- Covers historical perspective from da Vinci through future predictions
- Students create floor plans and architectural designs
- Aligns with Goodwin University middle school program
- Provides practical career preparation for engineering and architecture fields

Motion

A motion was made by Alice Jones and seconded by Michael Carbonneau to accept/approve the course as presented and recommended that it be brought before the full board for final approval, all in favor, none opposed, motion carried unanimously.

III. Adjourn

The meeting adjourned at 3:12 p.m.

Respectfully Submitted,



APPROVED

Patricia Paige
Board Clerk
Recorded and filed subject to Board of Education approval by: Patricia Paige, Board Clerk

"Minutes created with assistance of Circleback AI"

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