

Agenda  
School Board Work Study Session  
May 9, 2023  
7:00 PM

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| 1. New Course Proposals          | 2 |
| 2. Review of Strategic Work Plan | 5 |



# Roseville Area Schools

*Quality Teaching & Learning for All...Equity in All We Do*

Agenda Item: SS-1

Agenda Topic: New Course Proposals  
Meeting Date: May 9, 2023  
Contact Person: Jake Von De Linde

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## Background:

Jake Von De Linde, director of student achievement, will provide the board with a summary of the new courses proposed for the 2024-2025 school year.

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## Recommendation:

\_\_\_\_\_ Action Required                      XX Informational – No Board Action Requested

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# NEW COURSE PROPOSALS FOR 2024-25

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**Course Title:** Cybersecurity

**Department:** Roseville Area High School (RAHS)- Business and Computer Technology

**Type:** New Course/Course Removal

**Background:**

If approved, this one trimester elective course will focus on protecting internet-connected networks, programs and individuals from digital attacks (hackers). This is a relevant and important topic for students as our world becomes increasingly dependent on technology. The Cybersecurity course will lay a foundation of understanding cyber law and policy, Linux, networking technology basics, risk assessment, cryptography, and a variety of essential cybersecurity tools - all the essential knowledge and skills needed to begin a future in the cyber workforce.

This course will be open to students in grades 10-12 after they have taken any of the other three computer science courses (Intro to Computer Science, AP Computer Science Principles, or AP Java).

Approving this course includes the removal and consolidation of the current course Microsoft Office, into the existing Keyboarding for Employment course.

**Feedback/Input:**

Curriculum Leaders: 94% support, necessary course for students and will generate interest, will the course meet the needs of industry standards?

DCAC Feedback: unanimously approved the course, definitely a need and students are asking for more computer science type courses.

**Course Title:** Medical Terminology

**Department:** Roseville Area High School (RAHS)- Science

**Type:** Major Adaptation to course

**Background:**

This currently existing course would additionally offer concurrent enrollment at St. Paul College. When students pass the course by meeting the St. Paul College requirements, they will earn college credit at St. Paul College and other Minnesota State Colleges and Universities.

The course focuses on building a foundation in terminology and basic concepts of the human body. Students will earn one college credit, as well as two high school credits over two trimesters. The course will also help prepare students before taking the faster paced Anatomy and Physiology course at RAHS. Medical Terminology is available to students after taking Biology.

**Feedback/Input:**

Curriculum Leaders: 100% support, good option for students' post-graduation, instructor retention is a concern with concurrent courses.

DCAC: unanimously approved the course.

**Course Title:** AP Pre-Calculus

**Department:** Roseville Area High School (RAHS)- Math

**Type:** New Course/Course Removal

**Background:**

If approved, Advanced Placement (AP) Pre-Calculus would be a replacement for the current course, Accelerated Pre-Calculus. AP Pre-Calculus is a two-semester course that would include an optional third semester for test preparation.

This course would help prepare students to take the AP Calculus courses and the AP Pre-Calculus test. Students in the course will develop and apply procedural and symbolic fluency, multiple representations and communication and reasoning on a regular basis over the span of the course. When students pass the AP exam, they may earn college credit for the course.

Students need to take either Advanced Algebra or Accelerated Advanced Algebra prior to taking AP Pre-Calculus. If approved, the Accelerated Pre-Calculus course will be removed.

**Feedback/Input:**

Curriculum Leaders: 95% support, expensive textbooks, questions around whether the cost of the course/textbooks is worth the gain?

DCAC: unanimously approved the course. The questions about the course included whether the AP label would be a draw for students or cause students to not take the course.



# Roseville Area Schools

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Agenda Item: SS-2

Agenda Topic: Review of Strategic Work Plan  
Meeting Date: May 9, 2023  
Contact Person: Superintendent Loeck and Cabinet

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## Background:

Superintendent Jenny Loeck and members of the superintendent's Cabinet will provide an overview of the district's new strategic plan work plan.

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## Recommendation:

\_\_\_\_\_ Action Required      XX Informational – No Board Action Requested