



Program of  
Study  
2020-2021

*BOE Presentation*  
*November 19, 2019*

*Whole Child, Every Child, Global Child*

## New Courses for 2020-2021

- Computer Art & Design II
- Robotics Engineering
- AVID

3 NEW

# Computer Art & Design II

- Will Serve Students in Grades 10-12
- Prerequisite: Computer Art & Design I
  - Continues the course of study from Computer Art & Design I



## Description:

Students will further develop computer-based art skills, solve more complex design challenges, and continuing to develop their digital portfolio.

\*This is a good choice for students who wish to present a graphic design portfolio for admission into a strong graphic design program in an art school or college.

\*This course could be used as the basis of an AP design portfolio.

# Robotics Engineering

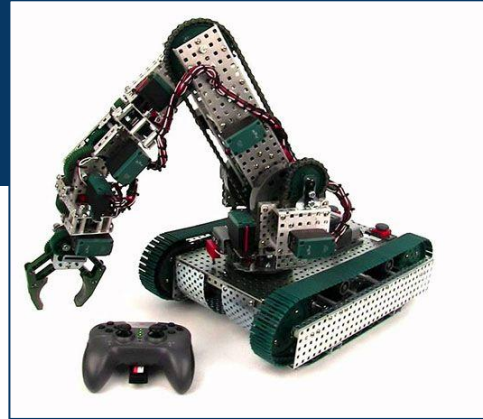
- Will Serve Students in Grades 9-12
- No Prerequisite

## Description:

Students will acquire an in-depth understanding of the types of robots, how they operate, and their application in automation and autonomous actions.

\*In this hands-on, project-based course, students will design and build various robots and custom components using CNC router and laser cutters.

\*Student may elect to take this course multiple times during their high school career and in each subsequent year at the honors level.



# AVID – Advancement Via Individual Determination

- Will Serve Students in Grade 9 (2020-2021)
  - Expansion of grade levels each year
- Prerequisite: *Students are selected by the AVID site team through specific criteria set forth by the AVID system. Students must complete the AVID application and participate in the interview process.*

## Description:



An elective course that, over four years, prepares students for entrance into four year colleges. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note-taking and research.

# Minor Revisions to the POS for 2020–2021

- Clothing Construction was renamed to **Creative Design** to better align the course work to the course name.



- **Math Department**

- Revised course descriptions to match curriculum work and current tools
  - removed “Geometry Sketchpad” as chromebooks are utilized
  - reworded a few descriptions to be sure purpose and goals are clear - *no changes to the courses themselves.*
  - listed criteria (*no changes to criteria or course*) - ex: Multivariable Calculus