

Course Descriptions:

More courses bring new opportunities

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STRAYING FROM THE NORM. More classes were added in the English, mathematics and technology departments. These new classes gave students a new outlook, and a way to succeed in everyday subjects.

Literature and media was offered to seniors who had completed Academic American Literature. This course focused on the study of contemporary culture in literature and media. The students developed an understanding of the rapidly changing cultural context in which we live. The culminating product of this course was a student scripted and produced video documentary in which the student explored the relationship between the individual, and the values and ideas of a rapidly changing society.

Multivariable Calculus was an accelerated course that covered topics typically studied by college sophomores majoring in mathematics. Enrollment in this class required a score of a 4 or a 5 on the BC Calculus AP exam or a grade of an "A" or a "B" in the AP Calculus BC course plus instructor approval. Topics studied in the course included multivariable calculus, differential equations, discrete mathematics including combinations and math contest preparations.

The **CISCO** Networking Academy program utilized the CISCO Networking Academy curriculum and was ideal for students considering computer related degrees and careers. This was the first step for students working towards their CCNA certification. The Level I program was offered to juniors. They were exposed to fundamental concepts such as IP addressing, subnet masking, and advanced networking scenarios as they learned network theory and built computer networks from scratch. The second level course, offered to seniors, built upon their fundamental knowledge of computer networks. Students explored routing protocols, Wide Area Network schemes, and router design configuration. Topics included VLAN's, ARP, switching, protocol migration, encapsulation, IXP, and ISDN.



SENIORS ERIN POWERS AND TRACY WOODBURN READ AND RESPOND TO MANY MESSAGES during an in class discussion board. These students used computers daily to help them understand the importance of literature and media. Working on the computer all the time can be a great break from the everyday written work that makes hands tired. Now, instead of their hands being tired, they get tired eyes.

