

Math Department Needs

16 Smart classrooms with a capacity of 50 students with free standing 6 X 3 tables and chairs.

- to contain a wireless system to include a computer with both DVD and CD capabilities, document reader, video tape player and graphing calculator projection systems all connected to a ceiling mounted projector. There should also be an overhead projector in each room and a power operated projection screen. There should be ample room to move around the equipment.
- all walls should have boards to include a combination of white and green boards (sliding to contain three boards) and one wall with both a rectangular and polar grid.
- one room should be connect to the lockable materials room. This needs to have tables appropriate for group work with room to walk around.
- one room should be wired so as to allow conversion to a computer room as we expand the number of lab sections for the calculus and statistics courses.
- instructor's desk and chair as well as a separate free standing podium.

27 faculty offices – similar in size and configuration with the current G-building. There should be display cases on the walls throughout the area, including space for instructors to post answer keys outside their door. The windows should be capable of opening or at least have a vent to allow fresh air. Several faculty member have allergies and can not have constant air conditioning.

3 - adjunct offices to hold 4 adjunct instructors simultaneously together with storage for their supplies.

2 – 40 station computer classrooms.

Justification: We are using one room to handle the computer classes, statistics classes using mintab software, and those calculus classes that are using Maple and Matlab. With the increase in sections incorporating hands-on labs in both statistics and calculus, there is a need for a second computer classroom.

The classrooms should have white boards on all walls, an instructor's station with the link system, a mounted projector and motorized screen. The students should have recessed monitor desks.

1 – large storage room for books, calculators and manipulatives (accessible from one classroom and the hallway.) Currently the manipulatives are housed in five large metal cabinets and the books and calculators are in two others.

Faculty workroom to include mailboxes, Xerox machines, work tables and chairs.

2 large study rooms (10ft X 20ft each) with a room divider to make create two rooms as needed for students to do group projects and instructors to work with several students.

These rooms should be soundproof so as to not disturb instructors in nearby offices and include a wireless network for student with laptop to access.

Justification: The math department currently has two 10ft X 10 ft areas that are always full with the need for more room. The location should be near the faculty offices.

Overall, this building should be as environmentally freindly as possible. Use should be made of solar generated electricity, windows that open or have vents which open, and independently operated thermostats