A Space Utilization Study was conducted in the fall of 2011 of K’s existing facilities. The purpose of the study was to inventory K’s usable space, and identify where space is being under utilized and where additional space may be needed. The study is based on the spring term 2011 class schedule. The study also projects K’s space needs as the student population grows to 1,500 students.

The following pages are an executive summary of the Space Utilization Report.
Space Utilization Executive Summary

The space utilization study is limited to the assignable square footage (ASF) space on the Kalamazoo College campus in Kalamazoo, Michigan. Building support facilities (e.g., mechanical, toilets, circulation, etc.) and leased space is not included in the scope of the study. Space in this study totals 487,487 assignable square feet. The current inventory was modified to include the new Arcus Center (6,884 ASF) and Field House (15,882 ASF) currently under construction. The analysis focuses on the quantity of space. However it is understood that quality of space can also have an influence on use and utilization.

Key Assumptions

- The analysis was based on the current instructional programs. Any new programs developed may require additional space beyond what was identified in this report.
- Campus personnel will remain constant, with the exceptions of selected positions identified in the report.
- Student enrollment is projected to increase by 8% for a target goal of 1,500 FTE.
- The instructional space needs were based on the spring term 2011 class schedule.
- Office space is provided for all full and temporary faculty and staff with office functions.
- An allocation of space for office support (files, workrooms, waiting, conference, lounge) was provided for the administrative and academic divisions.
- Research space needs were based on the number of personnel engaged in research that require specialized facilities.
- Athletic / Recreation calculated space need is based on a larger natatorium. (14 lanes)

Key Findings

- The College has a space deficit of 3,863 ASF based on the calculated current need.
- The space deficit increases to 15,813 ASF based on the calculated projected need.
- The calculations reveal the College has sufficient instructional space (classrooms and labs) but shortages exist with office space, athletic/recreation, assembly, exhibition, and support services.
- The majority of the office deficit is in office support space (conference, lounge, storage.)
- Based on the current scheduling practices, the general use classrooms meet the expected utilization rates. The lecture halls under utilized base on the expected utilization rates.
- As enrollments increase, the College should review the current scheduling patterns.
- If classrooms are added in the future, they should be in the 20-30 size range.
- The current classroom supply can accommodate the enrollment increase by increasing the section sizes OR by increasing the number of sections OR by increasing the use of the departmental classrooms/seminar rooms.
- The class laboratories can support the enrollment increase, with the exception of chemistry and physics.
- Art, Music, and Theatre have needs for additional storage space.
- The Light Fine Arts Building design/configuration contributes to some way-finding and space affinity issues, particularly for Theatre with the basement location.
- The calculations show the library has sufficient space, additional group study and archive space may be needed in the future.
- The current merchandising space (bookstore) exceeds the calculated need for a campus of this size.
- The food facility, lounge, health care, and meeting room spaces were determined to be adequate to meet the current and projected enrollment.
- The College has 876 beds in the residence halls and houses. For a student enrollment of 1,500 the College will need approximately 50 additional beds in order to accommodate all of the 1st year, sophomores, visiting international students, transfer students and juniors who would be required to live on campus. At this time all students are required to live on campus through winter quarter of their junior year.
Hicks Center on a typical day: The calculations show K has enough food, lounge, health care and meeting room space to meet current and projected enrollment.