

Facility Programming and Consulting

Executive Summary for

Loyola University New Orleans

Facility Programming and Consulting will be doing a thorough space analysis of Loyola University New Orleans, which will provide a planning parameter in the interior space for the master plan. This analysis helps us to understand the utilization of academic space in the existing buildings and will feed back to the future of campus development.

The analysis consists of five elements: Interviews, Utilization, Occupancy, Ownership and Space Projection. The spaces to be analyzed are instructional spaces such as classrooms and class labs, library spaces, faculty and staff spaces, and any storage spaces.

Interviews will be conducted to evaluate the user's experiences with their space. These interviews will be based on a questionnaire that addresses location, function, growth adjacencies and needs.

Classroom and Lab *Utilization* by room will indicate certain classrooms that are not effectively utilized. In this process the geographical location, times of utilization and use of the building will be analyzed to determine effectiveness. This requires a detailed analysis of all class schedule.

Classroom and Lab *Occupancy* will indicate whether a classroom is congested or not for the size of sections held in the classroom. Different from classroom utilization, occupancy cannot be fully controlled by the university to improve the percentage since it depends on the number of students enrolled in the section. A detailed analysis of enrollment is required to determine occupancy levels..

An *Ownership* analysis will illustrate department mix in classroom and how classrooms are used among different departments. When classrooms are mix used, the use of classrooms is typically more efficient. When a classroom is used by a specific department only, it indicates that the department has a "sense of ownership" to the classroom. The sense of ownership helps create a department identity. In terms of classroom utilization, however, it prevents flexibility and efficient use of classrooms. A detailed walk-thru of the campuses is required to complete an ownership evaluation.

Space Projection is based on a space planning model and is designed to predict necessary campus-wide space based on the number of full-time equivalent (FTE) of students, faculty and staff as well as other parameters. The space projection is calculated by space five factors: teaching, library, research, office and support spaces. The information used in the model is based on the previously mentioned elements as well as other supplied data.

In conclusion, all of these elements are part of an inclusive process that will help determine "building blocks" which will ultimately assist in the master planning process. The results will help Loyola University New Orleans enhance their operations. A power point presentation will be given to illustrate our findings at the end of our work.