IV Chain TITLE: Course Management

Business Functions and Goals

1. Optimize course offerings to meet student need.

Improvement Opportunities

1. Increase number of high demand courses/sections
2. Increase maximum enrollment in sections
3. Eliminate or reduce frequency of low demand courses
4. Improve course meeting patterns and delivery mode

Performance Measures

1. # and % decrease of students who do not get any section of the course requested
2. # and % decrease of low demand courses
3. # and % increase in enrollment
4. % usage of classroom capacity
5. Magnitude of reduction in average length of time to graduate
6. # and % increase in courses taught through preferred mode

Business Questions

1. What are the characteristics of high/low demand courses?
2. What characteristics of the student are related to demand?
3. What courses can be eliminated?
4. Which courses should/can be moved to smaller/larger facilities?
5. What impact does the meeting time and location have on demand?
6. What improvements can be made with/without additional money?

Data Sort/Aggregation Criteria

1. By termination (#1 - #6)
2. By Institution (#1 - #6)
3. By College (#1 - #6)
4. By Department (#1 - #6)
5. By Room (#4)
6. By Building (#4)
7. By Student Classification (#1, #3, #5)
8. By Student Major (#1, #3, #5)
9. By Student Residency (In/Out of State) #1, #3, #5)
10. By Student Enrollment status (#1, #3, #5)

Data Model

(The Data Model will be completed by Information Resource Management)

Please list all types of data (internal and external) needed to answer or address any of the above items.

Internal Data
1. College Budgets
2. Facilities
3. Available Faculty
4. Course
5. Degree Requirements
6. Student
7. Course demand
8. Course Enrollment

External Data
1. Economic Data

Data Mart/Warehouse