### 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
5. Optimize faculty/student ratio
6. Utilization improvement opportunities
   a. Hours of usage
   b. % Enrollment to seats
   c. % Course limit to seats

### Business Questions:
1. What courses are taught during/outside the typical meeting pattern – “prime-times”?
2. What are the characteristics of high/low demand courses?
3. What characteristics of the student are related to demand?
4. What courses can be eliminated or added?
5. Which courses should/can be moved to smaller/larger facilities?
6. What impact does the meeting time and location have on demand?
7. What improvements can be made with/without additional money?
8. What is the rank of the faculty teaching the course (TA, PTI, tenured, etc.)?
9. What/how many courses are faculty teaching in regard to their instruction DOE?
Performance Measures

1. # of students who do not get any section of the course requested (unmet need)
2. total # of students
3. # and % change by term type of students who do not get any section of the course requested (unmet need)
4. total # and % change of students by term type
5. # of low demand courses (unmet need)
6. # of courses
7. # and % change by term type of low demand courses (unmet need)
8. # and % change by term type of courses
9. # institutional enrollees
10. # and % change by term type in institutional enrollment
11. # hours of room usage in which courses are being taught
12. total # hours of room usage available in which courses are being taught
13. # and % change by term type of hours of room usage in which courses are being taught
14. total # hours and % change by term type of hours of room usage in which courses are being taught
15. % enrollment to seats in room in which courses are being taught
16. total enrollment
17. % and % change by term type enrollment to seats in room in which courses are being taught
18. total enrollment by term type
19. % course limit to seats in room in which courses are being taught
20. % and % change by term type in course limit to seats in room in which courses are being taught
21. Average length of time for full-time students to graduate by year of enrollment
22. % change in average length of time for full-time students to graduate by year of enrollment
23. # courses taught through alternate modes
24. # and % change in courses taught through alternate modes
25. Deleted: # unmet need of seniors (see #1 above)
26. Deleted: # and % change of unmet need of seniors (see #1 above)
27. Deleted: # unmet need in senior/junior by college (see #1 above)
28. Deleted: # and % change in senior/junior by college (see #1 above)
29. # courses below/above optimum faculty/student ratio
30. # and % change courses below/above optimum faculty/student ratio
31. # and % courses taught by faculty rank by course level
32. # and % change courses taught by faculty rank by course level
33. # courses taught outside prime-time
34. # and % of courses by term type taught outside prime-time
35. # (meeting pattern) hours of courses taught outside prime-time by course level
36. # and % change of (meeting pattern) hours by term type of courses taught outside prime-time by course level
37. # credit hours generated by courses taught outside prime-time
38. # and % change credit hours generated by courses taught outside prime-time by term type
39. Deleted: # hours of day a room is in use. Same as #7.
40. Deleted: # and % change hours of day a room is in use. Same as #8.
41. # rooms that don’t meet CPE goal on hours of use
42. # and % change in rooms by term type that don’t meet CPE goal on hours of use
43. $ or average cost of a course by delivery mode
44. % change $ or average cost of a course by delivery mode
45. # of smart classrooms
46. # and % change by term type of smart classrooms
47. # hours taught in smart classrooms
48. # hours taught
49. # and % change by term type of hours taught in smart classrooms
50. # and % change of hours taught by term type
51. # courses taught in smart classrooms
52. # and % change by term type of courses taught in smart classrooms
53. ratio between enrollment to course limit
54. % change by term type of ratio between enrollment to course limit
55. # credit hours generated through alternate modes
56. # credit hours
57. # and % change by term type of credit hours generated through alternate modes.
58. # and % change of credit hours by term type
59. # of courses canceled after the last day to add a course
60. # and % change by term type of courses canceled after the last day to add a course
61. # students who received a closed course message
62. # and % change by term type of students who received a closed course message
63. # of closed course messages received by students
64. # and % change by term type of closed course messages received by students
65. # of students who withdrew from the university after not being able to get any section of a requested course
66. # and % change by term type of students who withdrew from the university after not being able to get any section of a requested course
67. # open sections
68. # and % change by term type of open sections
69. # of open seats
70. # and % change by term type of open seats
71. # courses by activity type
72. # and % change by term type of courses by activity type
73. Deleted. # courses by activity type and level of course (i.e., graduate, undergraduate, professional, etc.)
74. Deleted. # and % change by term type of courses by activity type and level of course.
75. # of courses taught by academic year (for College Profile Report)
76. # and % change in courses taught by academic year (for College Profile Report)
77. # of students enrolled by academic year, college, department and major prefix (1st character of major code) (for College Profile Report)
78. # and % change in students enrolled by academic year, college, department and major prefix (1st character of major code) (for College Profile Report)
79. # courses by academic year and meeting pattern type (MWF, TR, etc.) (for College Profile Report)
80. # and % change of courses by academic year and meeting pattern type (MWF, TR, etc.) (for College Profile Report)
81. # of course hours taught by academic year and meeting pattern type (MWF, TR, etc.) (for College Profile Report)
82. # and % change of course hours taught by academic year and meeting pattern type (MWF, TR, etc.) (for College Profile Report)
83. # credit hours generated by courses by academic year and meeting pattern type (MWF, TR, etc.) (for College Profile Report)
84. # and % change credit hours generated by courses by academic year and meeting pattern type (MWF, TR, etc.) (for College Profile Report)
85. # FT faculty by academic year (for College Profile Report)
86. # and % change of FT faculty by academic year (for College Profile Report)
87. average enrollment per Regular FT Faculty by academic year (for College Profile Report)
88. # (average) and % change in enrollment per Regular FT Faculty by academic year (for College Profile Report)
89. # (average) credit hours per Regular FT Faculty by academic year (for College Profile Report)
90. # (average) and % change in credit hours per Regular FT Faculty by academic year (for College Profile Report)
91. #(%) classes with start times NOT prime-time (9-3) by academic year (for College Profile Report)
92. % and % change in classes with start times NOT prime-time (9-3) by academic year (for College Profile Report)
93. % of class hours on Friday by academic year (for College Profile Report)
94. % and % change in class hours by academic year (for College Profile Report)
95. # of degrees per Regular full-time faculty (for College Profile Report)
96. # and % change of degrees per Regular full-time faculty (for College Profile Report)
97. # student demographic breakdown by ethnicity (for College Profile Report)
98. # and % change in student demographic breakdown by ethnicity (for College Profile Report)
99. # student demographic breakdown by gender (for College Profile Report)
100. # and % change in student demographic breakdown by gender (for College Profile Report)
101. # of international students breakdown (for College Profile Report)
102. # and % change of international students breakdown (for College Profile Report)
103. # of faculty demographics breakdown (for College Profile Report)
104. # and % change of faculty demographics breakdown (for College Profile Report)
105. # administrators/executives/managers demographic breakdown (for College Profile Report)
106. # and % change administrators/executives/managers demographic breakdown (for College Profile Report)
107. # instructional faculty (for College Profile Report)
108. # and % change of instructional faculty (for College Profile Report)
109. # instructional faculty FTE (for College Profile Report)
110. # and % change of instructional faculty FTE (for College Profile Report)
111. # (average) full-time instructional faculty (for College Profile Report)
112. # (average) and % change full-time instructional faculty (for College Profile Report)
113. average salary for full-time instructional faculty (for College Profile Report)
114. % change of average salary for full-time instructional faculty (for College Profile Report)
115. # square feet of space by room use categories (classrooms, class lab, research lab, etc.) (for College Profile Report)
116. # and % change of square feet of space by room use categories (classrooms, class lab, research lab, etc.) (for College Profile Report)
117. average tuition revenue by student
118. average and % change tuition revenue by student
119. # credit hours
120. # and % change of credit hours
121. # degrees awarded by term
122. # and % change of degrees awarded by term
123. # instructional faculty FTE per IPEDS calculation
124. # and % change instructional faculty FTE per IPEDS calculation
125. # faculty FTE per Operating Budget
126. # and % change faculty FTE per Operating Budget
127. # faculty FTE per CPE reporting
128. # and % change faculty FTE per CPE reporting
129. # student FTE per CPE Frequency reports
130. # and % change of student FTE per CPE Frequency reports
131. # student FTE per IPEDS calculation
132. # and % change student FTE per IPEDS calculation
133. # student FTE per SACS calculation
134. # and % change student FTE per SACS calculation
135. # student FTE per internal calculation
136. # and % change student FTE per internal calculation
137. student/faculty ratio (# Instructional faculty FTE divided by IPEDS student FTE)

138. % change student/faculty ratio by term

139. Ratios by department at each of the various course levels (100/200, 300/400, 500 and above) so we can see for example if one social science department is substantially different from others in the way it handles lower division instruction (Mike Nietzel).

140. A history of low-enrollment courses, especially if we could determine those that start with higher than necessary registrants and then drop below the minimum after the semester begins (Mike Nietzel).

141. A history of courses showing the drop rates (Mike Nietzel).

142.
Data Sort/Aggregation Criteria
(See attached Data Sort/Aggregation spreadsheet)

Internal Data

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

External Data

1. Economic Data
2. CPE Standards
3. Benchmark Data
4. Delaware Group Study