



The Community College of Baltimore County
Office of Planning, Research and Evaluation

**General Education Outcomes Assessment Data Summary
June 2006**

The General Education Outcomes Assessment (GREAT) project was conducted during the Fall 2005 semester on all three of CCBC main campuses. The assessment data was combined with other student information such as grades and demographics, to provide a comprehensive representation of the students. This summary will focus on an analysis of the scores on the six categories as set forth in the common graded assignments. If you have any questions, please contact Natasha Miller, 410-455-4745 or nmiller2@ccbcmd.edu.

Summary of students participating in the GREAT Projects

- The following courses took part in this project: Astronomy 102, Biology 100, 104, 107, 108, 109 110, Chemistry 102, 107, 108, 122 and Physics 100
- A total of 303 students took part in the project but only 269 were matched to student demographic information
- The majority of the students were female (184), 82 males and three students whose gender could not be identified
- Of the 269 students 85% successfully completed the course with a grade of A thru D (Table 1)
- Across most of these students there was a relatively high success rate with the exception of physics with a 60% success rate
- Of the 269 students taking part in this project 57% were Caucasian, 26% African-American/Black, 8% Asian and 8% were representatives of other ethnic groups
- The mean GPA across all courses taking part in this project was 2.86 and completed an average of 33.37 credit hours
- Students in Astronomy 102 had the highest GPA of 3.29 and students in Physics the lowest GPA of 2.21 (Table 2)
- Across all the courses the ages ranged from 16 to 56 years old with an average of 25 years old

Table 1: Grade distributions by percent and number in all courses participating the Fall 2005 GREAT project

Grades	A-D	AU	F	W
ASTM 102	94% (16)	NA	6% (1)	NA
BIOL 100	92% (24)	NA	8% (2)	NA
BIOL 104	100% (3)	NA	NA	NA
BIOL 107	100% (13)	NA	NA	NA
BIOL 108	73% (11)	NA	27% (4)	NA
BIOL 109	72% (8)	9% (1)	18% (2)	NA
BIOL 110	80% (80)	4% (4)	12% (12)	4% (4)
CHEM 102	100% (9)	NA	NA	NA
CHEM 107	84% (27)	NA	13% (4)	3% (1)
CHEM 108	100% (18)	NA	NA	NA
CHEM 122	93% (14)	NA	NA	7% (1)
PHYS 100	60% (6)	10% (1)	30% (3)	NA
Overall	85% (229)	2% (6)	10% (28)	2% (6)

NA=no grade in that category

Table 2: Mean GPA and number of hours passed by Course

COURSE	Number of Students	Mean GPA	Mean Hours Passed
ASTM 102	17	3.29	38.88
BIOL 100	26	2.80	35.73
BIOL 104	3	2.99	32.67
BIOL 107	13	2.93	38.23
BIOL 108	15	2.82	37.27
BIOL 109	11	2.67	26.91
BIOL 110	100	2.72	24.98
CHEM 102	9	3.03	39.00
CHEM 107	32	2.96	40.78
CHEM 108	18	3.22	47.17
CHEM 122	15	3.16	38.53
PHYS 100	10	2.21	35.60
Overall	269	2.86	33.37

