# Basic Skills Proficiency, Performance, and Progress of Students at Santiago Canyon College (Fall 2009 Cohort) 

July 2011

## Background

Since basic skills, or "pre-collegiate," coursework spans our college's curriculum, the RSCCD Research Department compiled data on the entire group of students to support the strategic planning of programs and services to better prepare these students for college-level coursework. For the purpose of this study, the Basic Skills Task Force identified the following pre-collegiate courses as basic skills: American College English (ACE N42, N43, 052, 053, 093, 096, 102 and 116), English (N50, N60 and 061), Math (N05, N06, N48, 060 and 080) and Reading (096 and 097). Further, only Fall 2009 first-time freshmen ( $\mathrm{n}=1972$ ) are included in the sample for longitudinal tracking.

## Summary of Findings

- $62 \%$ ( $\mathrm{n}=1216$ ) of SCC’s Fall 2009 first-time freshmen were administered placement test(s) for math, English and ACE.
- About three-quarters (938 of 1216) of those tested were advised into basic skills (pre-collegiate) coursework in Fall 2009.
o 51\% (620 of 1216) of tested freshmen actually enrolled in the advised coursework that semester.
- $40 \%$ (781 of 1972) of SCC’s first-time freshmen enrolled in basic skills (pre-collegiate) coursework in Fall 2009 (with or without advisement).
o Overall, the success rate ( $\mathrm{A}, \mathrm{B}, \mathrm{C}$, or P ) of students enrolled in pre-collegiate courses was $54 \%$. About one-quarter (22\%) withdrew from their pre-collegiate courses.
o Students enrolled in pre-collegiate course(s) (at any level) persisted to a second semester at higher rates than those who were not ( $83 \%$ vs. $60 \%$ ) enrolled in precollegiate courses.
o English 101 and Political Science 101 topped the list of most-popular college-level courses pre-collegiate students concurrently enrolled in during their first semester.
o Most (97\%) pre-collegiate students were 21 years of age or younger (compared to 77\% of all first-time freshman).


## Overview of Basic Skills (Pre-Collegiate) Advisements and Enrollments

The basic skills environment at SCC can be examined from different perspectives: that of individuals in our student population who, through placement testing, multiple measures, and counselor recommendation, demonstrate the need to gain proficiency in the basic skills areas AND that of our students who actually enroll in pre-collegiate coursework-regardless of how or why they enrolled in that course. The table below offers an overview of these two populations:

## Pattern of Advisement and Enrollment into

Pre-Collegiate (Basic Skills) Coursework at SCC (Fall 2009)

| $\mathbf{1}^{\text {st }}$-Time <br> Freshmen | Advisement to Basic Skills Coursework |  |  |  |  |  |  |  | Actual Enrollments (with or without advisement) in precollegiate coursework n=781 hc/1125 enr* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Students Advised $\mathrm{n}=938 \mathrm{hc} / 1459 \mathrm{enr}^{*}$ |  |  |  | Students Enrolled $\mathrm{n}=620 \mathrm{hc} / 833 \mathrm{enr}$ * |  |  |  |  |  |  |  |
|  | ENG | ACE | MATH | READ | ENG | ACE | MATH | READ | ENG | ACE | MATH | READ |
| 1972 | 389 | 33 | 852 | 185 | 253 | 16 | 520 | 44 | 303 | 61 | 670 | 91 |
|  | 41\% | 4\% | 91\% | 20\% | 41\% | 3\% | 84\% | 7\% | 39\% | 8\% | 86\% | 12\% |

* course enrollment (enr) exceeds total headcount (hc) due to enrollment in multiple subject areas
- About three-quarters (938 of 1216) of SCC’s first-time freshmen tested were advised into basic skills (pre-collegiate) coursework in Fall 2009.
- $51 \%$ ( 620 of 1216) of first-time freshmen tested actually enrolled in the advised coursework that semester.
- An additional 161 first-time freshmen enrolled in basic skills coursework without advisement (for a combined headcount of 781), with 1125 enrollment due to multiple subject areas.

To further describe the proficiencies of our incoming freshmen, $41 \%$ of those students advised to enroll in pre-collegiate coursework were advised to take courses in multiple subject areas, as follows:

## SCC First-Time Freshmen Advised to Enroll in Pre-Collegiate Coursework

| \# of Subject Areas <br> Advised Into | Advised into <br> Pre-Collegiate <br> Fall 2009 <br> Coursework (n=938) |
| :---: | :---: |
| 1 subject area | $59 \%$ |
| 2 subject areas | $27 \%$ |
| 3+ subject areas | $14 \%$ |

It is the primary intention of this report to analyze student performance and progress towards collegelevel coursework. Therefore, all subsequent analyses will be limited to the student population who actually enrolled in pre-collegiate courses during the Fall 2009 semester at SCC ( $\mathrm{n}=781$ ).

## Enrollment in Pre-Collegiate Courses at SCC

To understand the effectiveness of current basic skills coursework at SCC, data for students who actually enrolled into these pre-collegiate courses (regardless of advisement) have been analyzed. Those data are as follows:

- $40 \%$ (781 of 1972) of SCC’s first-time freshmen (Fall 2009) enrolled in at least one precollegiate course.
- Nearly two-thirds of pre-collegiate students (65\%) enrolled in only one basic skills course; 26\% took two, and $8 \%$ took three or more pre-collegiate courses in their first semester of college.
- $86 \%$ (670 of 781) of pre-collegiate students enrolled in math, 39\% enrolled in English, 12\% enrolled in reading, and $4 \%$ enrolled in ACE pre-collegiate coursework.
\# of First-Time Freshmen Enrolled in Pre-Collegiate Coursework, Fall 2009 $\mathrm{N}=781$

| Total | Headcount | Percent |
| ---: | ---: | ---: |
| 1 Subject Area | 511 | $65 \%$ |
| 2 Subject Area | 206 | $26 \%$ |
| 3+ Subject Area | 64 | $8 \%$ |
| Total | 781 |  |


| Subject Area | Headcount | Percent |
| :--- | ---: | ---: |
| ACE | 31 | $4 \%$ |
| English | 303 | $39 \%$ |
| Math | 670 | $86 \%$ |
| Reading | 90 | $12 \%$ |

Overall, the success rate (A, B, C, or credit) of students enrolled in pre-collegiate courses was $54 \%$.

- ACE had the highest success rate at $66 \%$, while math had the lowest ( $50 \%$ ).
- Withdrawal rates were comparable, ranging from 20\% (math) to 24\% (reading).

| Pre-Collegiate Course | Course Success |  |  |  |  |  | Non-Success |  |  |  | Non-Completers |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \# Grades Rec'd | A | B | C | P | Rate | D | F | NP | Rate | W | Rate |
| ACE N42 | 2 | 0 | 0 | 0 | 2 | 100\% | 0 | 0 |  | 0\% | 0 | 0\% |
| ACE N43 | 2 | 0 | 0 | 0 | 2 | 100\% | 0 | 0 |  | 0\% | 0 | 0\% |
| ACE 052 | 14 | 0 | 4 | 5 | 0 | 64\% | 1 | 0 |  | 7\% | 4 | 29\% |
| ACE 053 | 14 | 1 | 7 | 2 | 0 | 71\% | 0 | 0 |  | 0\% | 4 | 29\% |
| ACE 081 | 9 | 0 | 5 | 0 | 0 | 56\% | 2 | 0 |  | 22\% | 2 | 22\% |
| ACE 093 | 8 | 2 | 3 | 1 | 0 | 75\% | 0 | 1 |  | 13\% | 1 | 13\% |
| ACE 102 | 8 | 0 | 2 | 3 | 0 | 63\% | 2 | 1 |  | 38\% | 0 | 0\% |
| ACE 116 | 4 | 0 | 1 | 0 | 0 | 25\% | 0 | 0 |  | 0\% | 3 | 75\% |
| ACE Total | 61 | 3 | 22 | 11 | 4 | 66\% | 5 | 2 |  | 11\% | 14 | 23\% |
| English N50 | 39 | 6 | 10 | 6 |  | 56\% | 2 | 6 |  | 21\% | 9 | 23\% |
| English N60 | 74 | 8 | 25 | 16 |  | 66\% | 7 | 8 |  | 20\% | 10 | 14\% |
| English 061 | 190 | 7 | 55 | 47 |  | 57\% | 15 | 23 |  | 20\% | 43 | 23\% |
| English Total | 303 | 21 | 90 | 69 |  | 59\% | 24 | 37 |  | 20\% | 62 | 20\% |
| Math N05 | 7 | 0 | 0 | 0 | 5 | 71\% | 0 | 0 | 2 | 29\% | 0 | 0\% |
| Math N06 | 62 | 5 | 14 | 11 | 0 | 48\% | 9 | 12 | 0 | 34\% | 11 | 18\% |
| Math N48 | 162 | 12 | 31 | 44 | 0 | 54\% | 17 | 28 | 0 | 28\% | 30 | 19\% |
| Math 060 | 234 | 22 | 45 | 44 | 0 | 47\% | 39 | 27 | 0 | 28\% | 57 | 24\% |
| Math 080 | 205 | 20 | 40 | 42 | 0 | 50\% | 21 | 25 | 0 | 22\% | 56 | 27\% |
| Math Total | 670 | 59 | 130 | 141 | 5 | 50\% | 86 | 92 | 2 | 27\% | 154 | 23\% |
| Reading 096 | 48 | 2 | 18 | 9 |  | 60\% | 6 | 1 |  | 15\% | 12 | 25\% |
| Reading 097 | 43 | 4 | 12 | 4 |  | 47\% | 3 | 10 |  | 30\% | 10 | 23\% |
| Reading Total | 91 | 6 | 30 | 13 |  | 54\% | 9 | 11 |  | 22\% | 22 | 24\% |
| All Pre-Collegiate | 1125 | 89 | 272 | 234 | 9 | 54\% | 124 | 142 | 2 | 24\% | 252 | 22\% |

## Semester-to-Semester Persistence

Another indicator of success is the length of time students continue (persist) in college. In a comparison of those enrolled in pre-collegiate courses versus those not enrolled in pre-collegiate courses, those enrolled in any level of pre-collegiate courses persisted at higher rates than those who are not (at least 20\% differences for any given semester). Additionally,

- Fall 2009 first-time freshmen enrolled in pre-collegiate courses persisted to subsequent semesters at a high rate: $83 \%$ to a second semester, $67 \%$ to a $3^{\text {rd }}$ semester, and $62 \%$ to a $4^{\text {th }}$ semester. Persistence rates were even higher for pre-collegiate students who were successful in at least one pre-collegiate course in their first semester ( $94 \%, 79 \%$, and $73 \%$ respectively).
- Fall 2009 first-time freshmen who were not enrolled in pre-collegiate courses persisted at significantly lower rates of $60 \%$ to a $2^{\text {nd }}$ semester, $45 \%$ to a $3^{\text {rd }}$ semester and $42 \%$ to a $4^{\text {th }}$ semester. It is important to note that the majority of the non-pre-collegiate group had educational goals related to employment, which may have been achieved in a single semester.
- Semester-to-semester persistence rates of those who succeeded in pre-collegiate coursework were comparable across the three disciplines (math, English, reading); however, ACE pre-collegiate students were not as high. Pre-collegiate ACE students also experienced the largest decline in persistence rates from $2^{\text {nd }}$ to $4^{\text {th }}$ semester ( -27 percentage points).


## Semester to Semester Persistence Comparison of Those Enrolled in Pre-Collegiate Courses vs. Not Enrolled in Pre-Collegiate Courses Fall 2009 First-Time Freshmen

|  | $\mathbf{N}^{\text {nd }}$ <br> Semester | $\mathbf{3}^{\text {rd }}$ <br> Semester | $\mathbf{4}^{\text {th }}$ <br> Semester |  |
| :---: | ---: | ---: | ---: | ---: |
| First-time Freshmen Not Enrolled in Pre-Collegiate Courses | 1191 | $60 \%$ | $45 \%$ | $42 \%$ |
| First-time Freshmen Enrolled in a Pre-Collegiate Course | 781 | $83 \%$ | $67 \%$ | $62 \%$ |
| Successful in at Least 1 Pre-Collegiate Course | 452 | $94 \%$ | $79 \%$ | $73 \%$ |
| Successful in ACE Pre-Collegiate Course | 22 | $86 \%$ | $73 \%$ | $59 \%$ |
| Successful in English Pre-Collegiate Course | 180 | $96 \%$ | $82 \%$ | $79 \%$ |
| Successful in Math Pre-Collegiate Course | 335 | $94 \%$ | $80 \%$ | $76 \%$ |
| Successful in Reading Pre-Collegiate Course | 49 | $98 \%$ | $86 \%$ | $78 \%$ |

## Performance in Concurrent College-Level Coursework

Most students do not have the luxury of time where they can concentrate on perfecting their basic skills coursework before taking college-level courses. In fact, $91 \%$ (707 of 781) of the Fall 2009 first-time precollegiate freshmen were concurrently enrolled in college-level courses (designated as 100+) during their first semester in college.

- They took a total of 168 different college-level courses, ranging from the arts to science courses. The top 16 courses taken by pre-collegiate students are listed below. Of these, course success ranges from a low of 46\% in both Criminal Justice 101 and Biology 109 to a high of $86 \%$ for Counseling 113.
- Pre-collegiate students concurrently enrolled in a collective 1718 college-level classes in their first semester versus 2638 classes enrolled by their non pre-collegiate freshmen.
- Overall, both pre-collegiate and non pre-collegiate students had the same success rate of $63 \%$ in college-level courses.

| College-Level Courses Concurrently Enrolled Pre-Collegiate Students vs. Non-Precollegiate Students (First-time Freshmen), Fall 2009 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Basic Skills Enrollment |  |  | \% Success of |
| College-Level Courses | $\begin{gathered} \text { Count } \\ \mathrm{N}=707 \end{gathered}$ | Percent | \% Successful (grade of $\mathbf{A , B}, C, P$ ) | Non-Basic Skills Students |
| English 101 | 288 | 41\% | 60\% | 70\% |
| Counseling 116 | 130 | 18\% | 79\% | 74\% |
| Counseling 101 | 77 | 11\% | 81\% | 100\% |
| Psychology 100 | 72 | 10\% | 54\% | 64\% |
| Political Science 101 | 56 | 8\% | 70\% | 74\% |
| Counseling 113 | 43 | 6\% | 86\% | 100\% |
| Communication 100 | 39 | 6\% | 80\% | 76\% |
| Exercise Science 131 | 39 | 6\% | 48\% | 57\% |
| Criminal Justice 101 | 37 | 5\% | 46\% | 51\% |
| Art 100 | 31 | 4\% | 61\% | 71\% |
| Music 101 | 30 | 4\% | 63\% | 76\% |
| Philosophy 106 | 28 | 4\% | 68\% | 63\% |
| Television 104 | 25 | 4\% | 80\% | 86\% |
| Biology 109 | 24 | 3\% | 46\% | 45\% |
| Reading 150 | 24 | 3\% | 83\% | 92\% |
| Sociology 100 | 23 | 3\% | 65\% | 60\% |


| Comparison of Grades Received in College-Level Courses Concurrently Enrolled <br> Pre-Collegiate Students vs. Non-Pre-Collegiate Students |  |  |  |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall 2009 Course Completion |  |  |  |  |
|  | \# of Grades Rec'd <br> in College-Level <br> Courses | Success <br> (A,B,C,P) | Non-Success <br> (D,F,NP) | Non- <br> Completion <br> (W,I) |  |
| Pre-Collegiate Students |  |  |  |  |  |
| ACE (n=31) | 31 | $52 \%$ | $23 \%$ | $26 \%$ |  |
| English (n=303) | 533 | $59 \%$ | $21 \%$ | $20 \%$ |  |
| Math (n=670) | 1511 | $64 \%$ | $19 \%$ | $17 \%$ |  |
| Reading (n=90) | 86 | $69 \%$ | $23 \%$ | $8 \%$ |  |
| Total | $\mathbf{1 7 1 8}$ | $\mathbf{6 3 \%}$ | $\mathbf{1 9 \%}$ | $\mathbf{1 7 \%}$ |  |
| Non-Pre-Collegiate | $\mathbf{2 6 3 8}$ | $\mathbf{6 3 \%}$ | $\mathbf{1 7 \%}$ | $\mathbf{1 9 \%}$ |  |

## Performance in College-Level Coursework Subsequent to Pre-Collegiate Course Success

Nearly all (422 of 452) of those first-time pre-collegiate freshmen who successfully completed their precollegiate course(s) continued on to enroll in college-level coursework in subsequent semesters (Spring 2010, Fall 2010 and Spring 2011). Has the pre-collegiate course(s) helped them in their college-level coursework?

- These students took 3714 classes; English 101, Political Science 101 and Psychology 100 topped the list of 307 college-level courses the pre-collegiate students enrolled.
- Success rates for the top 15 courses taken by pre-collegiate students are listed below. At least $82 \%$ of the students enrolled in Music 101, Communication 100 and Counseling 116 were successful (grades of A, B, C, or Pass). Success rates in other courses varied widely.
- Pre-collegiate and non pre-collegiate students’ success rates in college-level courses were comparable ( $69 \%$ vs. $70 \%$, respectively).

| Performance in College-Level Coursework Subsequent to Pre-Collegiate Course Success <br> (Fall 2009 Cohort) |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| College-Level Courses | Spring 2010-2011 |  |  |  |  |
|  | Basic Skills Students |  |  | Basic Skills Students |  |
|  | Number of <br> Enrollments | Number of <br> Enrollments | Number of <br> Enrollments | Number of <br> Enrollments |  |
| English 101 | 240 | $56 \%$ | 231 | $60 \%$ |  |
| Political Science 101 | 183 | $69 \%$ | 239 | $62 \%$ |  |
| Psychology 100 | 129 | $59 \%$ | 174 | $59 \%$ |  |
| Communication 100 | 114 | $83 \%$ | 91 | $86 \%$ |  |
| Music 101 | 108 | $88 \%$ | 153 | $85 \%$ |  |
| Biology 109 | 95 | $58 \%$ | 161 | $68 \%$ |  |
| Math 140 | 85 | $54 \%$ | 51 | $47 \%$ |  |
| English 103 | 69 | $75 \%$ | 89 | $76 \%$ |  |
| Math 105 | 69 | $74 \%$ | 28 | $64 \%$ |  |
| Earth Science 110 | 66 | $71 \%$ | 59 | $56 \%$ |  |
| Sociology 100 | 65 | $74 \%$ | 96 | $77 \%$ |  |
| History 120 | 62 | $48 \%$ | 90 | $56 \%$ |  |
| Philosophy 106 | 62 | $61 \%$ | 121 | $68 \%$ |  |
| Astronomy 109 | 60 | $45 \%$ | 61 | $66 \%$ |  |
| Counseling 116 | 60 | $82 \%$ | 125 | $66 \%$ |  |


| Comparison of Grades Received in College-Level Courses in Subsequent Semesters <br> Successful Pre-Collegiate Students vs. Non-Pre-Collegiate Students |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Spring 2010-Spring 2011 College-Level Course Completion <br>  <br>  <br>  <br> \# of Grades <br> Rec'dSuccess <br> (A,B,C,P) |  |  |  |
|  | Non-Completion <br> (W,I) |  |  |  |
|  |  |  |  |  |
|  | 125 | $67 \%$ | $17 \%$ | $16 \%$ |
| English | 1390 | $64 \%$ | $19 \%$ | $18 \%$ |
| Math | 2721 | $73 \%$ | $13 \%$ | $14 \%$ |
| Reading | 334 | $66 \%$ | $18 \%$ | $16 \%$ |
| Total | $\mathbf{3 5 1 3}$ | $\mathbf{7 0 \%}$ | $\mathbf{1 5 \%}$ | $\mathbf{1 5 \%}$ |
| Non-Pre-Collegiate Students | $\mathbf{5 7 0 6}$ | $\mathbf{6 9 \%}$ | $\mathbf{1 4 \%}$ | $\mathbf{1 7 \%}$ |

## Performance in Courses with English Content Subsequent to Pre-Collegiate English Course Success

Nearly all (177 of 180) of those first-time pre-collegiate freshmen who successfully completed precollegiate English courses (includes N50, N60 and 061) continued on to enroll in college-level coursework in subsequent semesters. Transcripts were analyzed to determine if pre-collegiate English course success enhances success in other courses. The list below identifies 12 courses in which English proficiency is key and have the highest enrollment (Spring 2010 thru Spring 2011) of pre-collegiate English students of our Fall 2009 cohort.

- English 101, English 061 and Political Science 101 topped the list of the most popular English skills courses students enrolled in after successfully completing a pre-collegiate English course.
- Success rates for those who progressed to English courses include: 58\% in English 101, 69\% in English 061, 67\% in English 103 and 68\% in English N60.
- Pre-collegiate English cohort students had an overall $62 \%$ success rate in all course enrollments compared to $67 \%$ success rate of no-pre-collegiate students' enrollment.

| Performance in Courses with English Content Subsequent to Pre-Collegiate English Course Success Successful Basic Skills English Students vs. Non-Basic Skills Students <br> (Fall 2009 Cohort) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Courses with English Content | Spring 2010-2011 |  |  |  |
|  | Basic Skills Students |  | Basic Skills Students |  |
|  | Number of Enrollments | Number of Enrollments | Number of Enrollments | Number of Enrollments |
| English 101 | 159 | 58\% | 219 | 61\% |
| English 061 | 73 | 69\% | - | - |
| Political Science101 | 55 | 62\% | 211 | 65\% |
| Psychology 100 | 48 | 50\% | 164 | 58\% |
| Music 101 | 39 | 80\% | 139 | 86\% |
| Communication 100 | 38 | 87\% | 79 | 86\% |
| Biology 109 | 32 | 47\% | 158 | 67\% |
| English N60 | 25 | 68\% | - | - |
| Communication 110 | 24 | 71\% | 72 | 74\% |
| Television 104 | 23 | 65\% | 67 | 82\% |
| English 103 | 21 | 67\% | 85 | 77\% |
| History 120 | 20 | 15\% | 79 | 57\% |
| All Subsequent Coursework | N=177 | 62\% | $\mathrm{N}=830$ | 67\% |

## Performance in Math Courses Subsequent to Pre-Collegiate Math Course Success

The majority of pre-collegiate students (86\%) at SCC needed additional assistance in the area of math; therefore, it was also important to track this group to see how they perform in subsequent math courses.

- 322 successful pre-collegiate math students subsequently enrolled in a wide variety of courses (304 across three semesters of study) and had an overall success rate of 69\%.
- The most highly-enrolled math courses are listed below. Comprised mostly math courses; it is clear that additional math skills are needed to meet math prerequisites. Success rates in these classes range from a low 32\% in Math 160 to a high 100\% in Astronomy 140.
- Introductory math courses (Math 060 and 080) were predominant among pre-collegiate students’ subsequent coursework. Success rates for these classes are $43 \%$ in Math 060 and $44 \%$ in Math 80.
- Pre-collegiate math cohort has an overall success rate of $69 \%$ in all course enrollments versus $67 \%$ success rate for non-pre-collegiate students. From the list below, there are some classes that students with pre-collegiate experience outperform those without pre-collegiate experience.

| Performance in Math Courses Subsequent to Pre-Collegiate Math Course Success <br> Successful Basic Skills Math Students vs. Non-Basic Skills Students <br> (Fall 2009 Cohort) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Math Coursework | Spring 2010-2011 |  |  |  |
|  | Basic Skills Students |  |  |  |
|  | Number of <br> Enrollments | Number of <br> Enrollments | Number of <br> Enrollments | Number of <br> Enrollments |
|  | 110 | $36 \%$ | - | - |
| Math 080 | 94 | $44 \%$ | - | - |
| Math 140 | 72 | $54 \%$ | 48 | $44 \%$ |
| Math 105 | 63 | $73 \%$ | 25 | $64 \%$ |
| Math 219 | 40 | $40 \%$ | 67 | $67 \%$ |
| Math 160 | 19 | $32 \%$ | 38 | $58 \%$ |
| All Subsequent <br> Coursework | $\mathbf{N = 3 2 2}$ | $\mathbf{6 9 \%}$ | $\mathbf{N = 8 3 0}$ | $\mathbf{6 7 \%}$ |

## Demographics and Student Characteristics

- The proportions of students who enrolled in pre-collegiate coursework versus those who did not were similar in terms of gender and ethnicity. However, far greater numbers of young adults enrolled in basic skills; most (97\%) were 21 years of age or younger.
- The largest group of students (74\%) enrolled in pre-collegiate coursework intended to transfer to a four-year college and/or obtain an AA/AS degree (vs. $52 \%$ in non pre-collegiate students).
- As the non pre-collegiate cohort is somewhat older than pre-collegiate students, their educational goal is also different in that they are more likely to take courses to enhance their employment opportunities or to maintain their license ( $20 \%$ vs. $2 \%$ ).

| First-Time Freshmen Demographics by Pre-Collegiate/Basic Skills Enrollment, Fall 2009 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Not Enrolled in a PreCollegiate Course ( $\mathrm{n}=1191$ ) |  | Enrolled in a Pre-Collegiate Course (unduplicated) ( $\mathrm{n}=781$ ) |  | Pre-Collegiate Course Enrollment by Subject Area, Fall 2009 |  |  |  |  |  |  |  |
|  |  |  | Enrolled in ACE Pre-Coll. <br> Courses ( $\mathrm{n}=31$ ) | Enrolled in Math Pre-Coll. Courses (n=670) |  | Enrolled in <br> English <br> Pre-Coll. <br> Courses (n= 303) |  | Enrolled in Reading Pre-Coll. <br> Courses (n=90) |  |
|  | \# | \% |  |  | \# | \% | \# | \% | \# | \% | \# | \% | \# | \% |
| Gender |  |  |  |  |  |  |  |  |  |  |  |  |
| Male | 752 | 63\% | 383 | 49\% | 15 | 48\% | 320 | 48\% | 155 | 51\% | 50 | 56\% |
| Female | 439 | 37\% | 398 | 51\% | 16 | 52\% | 350 | 52\% | 148 | 49\% | 40 | 44\% |
| Ethnicity |  |  |  |  |  |  |  |  |  |  |  |  |
| African-American | 30 | 3\% | 5 | 1\% | - | 0\% | 5 | 1\% | 2 | 1\% | - | 0\% |
| Asian | 96 | 8\% | 33 | 4\% | 2 | 6\% | 25 | 4\% | 13 | 4\% | 4 | 4\% |
| Latino | 358 | 30\% | 206 | 26\% | 12 | 39\% | 169 | 25\% | 103 | 34\% | 31 | 34\% |
| Caucasian | 459 | 39\% | 281 | 36\% | 5 | 16\% | 257 | 38\% | 80 | 26\% | 9 | 10\% |
| Other | 36 | 3\% | 10 | 1\% | 1 | 3\% | 9 | 1\% | 1 | 0\% | - | 0\% |
| Decline to state | 212 | 18\% | 246 | 31\% | 11 | 35\% | 205 | 31\% | 104 | 34\% | 46 | 51\% |
| Age |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 and under | 26 | 2\% | 6 | 1\% | - | 0\% | 6 | 1\% | - | 0\% | - | 0\% |
| 18-21 | 743 | 62\% | 748 | 96\% | 24 | 77\% | 647 | 97\% | 296 | 98\% | 88 | 98\% |
| 22-29 | 163 | 14\% | 16 | 2\% | 1 | 3\% | 12 | 2\% | 5 | 2\% | 1 | 1\% |
| 30-39 | 114 | 10\% | 8 | 1\% | 3 | 10\% | 5 | 1\% | 2 | 1\% | 1 | 1\% |
| 40 and over | 145 | 12\% | 3 | 0\% | 3 | 10\% | - | 0\% | - | 0\% | - | 0\% |
| Educational Goal |  |  |  |  |  |  |  |  |  |  |  |  |
| Vocational Cert. | 112 | 9\% | 6 | 1\% | 4 | 13\% | 5 | 1\% | 1 | 0\% | 1 | 1\% |
| Employment Crse | 139 | 12\% | 14 | 2\% | 3 | 10\% | 25 | 4\% | 3 | 1\% | 2 | 2\% |
| Transfer | 112 | 9\% | 59 | 8\% | 2 | 6\% | 169 | 25\% | 22 | 7\% | 6 | 7\% |
| AA/AS Degree | 516 | 43\% | 519 | 66\% | 11 | 35\% | 257 | 38\% | 200 | 66\% | 46 | 51\% |
| 4yr Univ Student | 22 | 2\% | 16 | 2\% | - | 0\% | 9 | 1\% | 3 | 1\% | 1 | 1\% |
| Personal Interest | 19 | 2\% | 3 | 0\% | - | 0\% | 173 | 26\% | 1 | 0\% | - | 0\% |
| Improve basic sk. | 18 | 2\% | 3 | 0\% | - | 0\% | - | 0\% | 1 | 0\% | - | 0\% |
| Maintain License | 95 | 8\% | - | 0\% | - | 0\% | - | 0\% | - | 0\% | - | 0\% |
| Undecided | 133 | 11\% | 140 | 18\% | 9 | 29\% | - | 0\% | 62 | 20\% | 27 | 30\% |
| Other | 25 | 2\% | 21 | 3\% | 2 | 6\% | 32 | 5\% | 10 | 3\% | 7 | 8\% |

