# COASTLINE <br> COMMUNITY COLLEGE 

# Mathematics Program Program Review 2010 

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## Mathematics Program

## Table of Contents

Executive Summary. .....
Process ..... 1
Description ..... 1
Overview ..... 1
Certificate Requirements ..... 2
Curriculum Review ..... 2
Need ..... 3
Resources ..... 5
Partnerships ..... 6
Professional Development ..... 7
Quantitative Elements ..... 9
Course Data ..... 9
Student Elements ..... 14
Cost Data ..... 16
Program Outcomes ..... 16
Student Learning Outcomes ..... 16
Other Student Outcomes ..... 19
Student Satisfaction ..... 20
Conclusions ..... 22
Recommendations ..... 22
Goals ..... 23
Progress on Prior Goals ..... 23
New Five-Year Goals ..... 25

# Mathematics Program 

## Executive Summary

From 2006-2010 the Math Department has consistently been one of the top three FTES-generating disciplines at the college, at one point actually being number one. The department grew from two to three full-time faculty, while keeping about the same number of adjuncts. Low-enrolling classes such as the hybrid courses were eliminated, making nearly every section at capacity.
A culture of collegiality has been maintained where every faculty member supports and contributes to the success of every one else. Although the Coastline campus is not centralized, the Math Department chair maintains constant contact with everyone through regular department newsletters and e-mails. The three full-time faculty meet off-campus for lunch every month and, after trying it once with great success, the department plans to implement mid-semester meetings on a regular basis to keep everyone in touch with each other and what's going on with their classes, within Distance Learning and within the college.

Over a several-year period sets of graphing calculators were purchased. Enough have been acquired to enable all students and faculty who need it to incorporate technology into their classes. Teacher computers were installed in every classroom. The three full-time faculty each have a Tablet PC to facilitate teaching and communicating mathematics online, but the department could use more of these devices for part-time faculty to use.

The tutoring program expanded to a four- or five-day per week program at the Westminster Le-Jao Center and has grown to such a capacity that additional funding for additional tutors is needed to satisfy student demand.

The creation of student learning outcomes (SLOs) for every math course has allowed faculty to engage in a meaningful dialogue about just what should be taught and assessed in every math course. Overlap was eliminated, especially in the developmental math courses, to help ensure student success. Course names and numbers were changed, in some cases, to help support the common course numbering movement within the district. The Math Department chair, Fred Feldon, meets on a regular basis with the Math Department chairs at the other two colleges in the district, to share curriculum and pedagogy and maintain communication. This should prove more and more valuable as inter-district communication increases and inter-district practices are adopted in common to reduce the budget and better serve students.

The department seems to be "doing the right thing." As $85 \%$ of the enrollment is online, the challenge to maintain distance learning math course success and retention rates has been met with a $15 \%$ higher rate of retention and an almost $40 \%$ higher rate of success than the statewide averages for general math in the distance learning format. This could partly be attributed our student population which is slightly older and perhaps more mature than the state-wide average but may also be the result of the
department's culture of collaboration, the peer cross-training within the department and the amount of time we've spent with this method of instruction (the first math distance education online course was offered in 1999).

New five-year goals for the program include:

1. Implement mid-semester department meetings to augment the all-college meetings at the beginning of each semester
2. Assess SLOs according to the college's requested schedule; discuss the results within the department and how they can be used to improve teaching and learning
3. Incorporate a tradition of peer-to-peer sharing of course websites and instructor-created materials to create a climate of collaboration within the department
4. Acquire hardware, either Tablet PCs or low-cost input devices, so that every full-time and every adjunct math faculty is able to check one out for the semester or access one in the Distance Learning Department
5. Join the college's virtual campus efforts by creating a meeting place for math students and faculty in Second Life; encourage faculty to receive training in and incorporate student activities in Second Life
6. Develop a system to monitor and evaluate the math tutoring program so that the needs of students can be identified and met
7. Support the hiring of a full-time faculty Student Success Coordinator
8. Find sufficient funds for the full-time math faculty to attend the American Mathematical Association of Two-Year Colleges (AMATYC) Annual Conference and/or the International Conference on Technology in Collegiate Mathematics (ICTCM); report on the conferences to the entire department
9. Participate with the college bookstore and the textbook publishing companies to help lower the cost of textbooks to students

# Mathematics Program 

## Process

The Math Department's Program Review was led by Department Chair Fred Feldon, with primary support from the department's other two full-time faculty: Lisa Lee and Malinni Roeun, who led the department's curriculum review.

During the course of the review, student and faculty surveys were developed and deployed. Classroombased and online students, including military, were asked to complete an online survey, which garnered 117 responses; incarcerated students received an abridged paper survey, which 148 students completed and returned. All 16 faculty members teaching in Fall 2009 completed an online survey.

Enrollment, FTES, and student demographic data was provided by the Office of Instructional Research; and program cost data was provided by the Office of Fiscal Services.

## Description

## Overview

Before Fred Feldon, the current Math Department Chair, was hired at Coastline, the Math Department was run by either an instructional administrator (Discipline Dean or Vice President of Instruction) or, for a short period, by a department chair who did not receive tenure. Current Math Department Chair was hired in September, 1995, and received tenure in 1999. A second full-time math faculty member, Lisa Lee, was hired in 2001. Lisa received tenure in 2005. A third full-time math faculty member, Malinni Roeun, was hired in 2008 and is currently in tenure review.

The Math Department includes at this time (1) the Student Success Center which offers math placement testing, tutoring, and computerized preparatory courses for students wishing to review or refresh their math skills; (2) non-transferable, degree-applicable general education courses including basic math, prealgebra, beginning algebra, and intermediate algebra; and (3) transfer-level courses including quantitative reasoning, math for elementary teachers courses, college algebra, trigonometry, finite math, business calculus, introduction to statistics, and the first two semesters of calculus. Since the last program review, the Math Department course offerings have grown. Third semester calculus and Linear Algebra/Differential Equations was added.

Like most departments in the college, the Math Department has a largely non-traditional student population consisting mostly of returning adults with family and work obligations. The department offers a wide variety of classes for students in the most popular of formats which include evening face-to-face courses and online courses. Daytime site-based courses, weekend college courses, self-paced courses with flexible start-dates and hybrids have been cancelled due to lower popularity and enrollments. Cable TV courses have had their target audience widened to include incarcerated,
hospitalized and traditional students without a computer and/or Internet access. The Math Department continues to use the online program, free to students with the purchase of a new textbook, called MyMathLab (from Pearson Education) which is used for both distance learning classes and as supplemental material for all other courses.

## Certificate Requirements

The Math Department does not offer any certificates. The department's course work does, however, support a couple of certificate programs. Math C007 Business Mathematics is a required course in the Retail Management Certificate of Achievement; and Math C103 Statistics for Elementary School Teachers, Math C104 Real Numbers for Elementary School Teachers, and Math C106 Geometry for Elementary School Teachers are elective courses for the Educational Studies Certificate of Accomplishment.

In addition, the college offers an Associate in Arts Math major, which requires 20 units of course work (Math C180 Calculus 1, C185 Calculus 2, C280 Calculus with Analytic Geometry 3, and C285 Linear Algebra and Differential Equations). Students also have the option of pursuing an A.A. degree with an 18-unit Area of Emphasis in Science and Math, which requires at least one science course and at least one math course.

## Curriculum Review

Review of the Math Department's curriculum was led by Malinni Roeun. Revised course outlines were originally submitted to the Curriculum Committee in October, 2009. At the request of the Curriculum Committee, the outlines were further refined to include at least one robust course-level student learning outcome in addition to lesson-level outcomes.

| Banner ID |  | Current Outline | SLO | Status |
| :--- | :--- | :---: | :--- | :--- |
| MATH C001 | Mathematics Tutoring (AD) | $5 / 4 / 2001$ | No | Retired 10/18/09 |
| MATH C002 | Mastering the SAT I (Engl 002/Math 002) | $11 / 5 / 1998$ | No | Retired 10/18/09 |
| MATH C003 | Basic Mathematics (AD) | $6 / 14 / 1996$ | No | Retired 10/18/09 |
| MATH C004 | Math Skills 1 (AD) | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C005 | Beginning Mathematics | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C006 | Math Skills 2 | $1 / 26 / 2009$ | Yes |  |
| MATH C007 | Business Mathematics | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C008 | Pre-Algebra | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C010 | Elementary Algebra | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C010A | Elementary Algebra Part I | $8 / 22 / 2007$ | Yes | Retired 10/18/09 |
| MATH C010B | Elementary Algebra Part II | $8 / 22 / 2007$ | Yes | Retired 10/18/09 |
| MATH C020 | Plane Geometry | $3 / 25 / 1997$ | No |  |
| MATH C030 | Intermediate Algebra | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C040 | Intermediate Algebra for Liberal Arts Students | $2 / 20 / 2009$ | Yes |  |
| MATH C070 | Intermediate Algebra and Trigonometry | $4 / 20 / 2004$ | Yes |  |
| MATH C080 | Math Assessment for Student Success | $1 / 14 / 2009$ | Yes |  |
| MATH C100 | Liberal Arts Math | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C103 | Statistics for Elementary Teachers | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C104 | Real Numbers for Elementary Teachers | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C105 | Technical Mathematics | $3 / 2 / 1997$ | No |  |
| MATH C106 | Geometry for Elementary Teachers | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C115 | College Algebra | $3 / 26 / 2010^{*}$ | Yes |  |


| Banner ID |  | Title | Current Outline | SLO |
| :--- | :--- | :--- | :--- | :--- |
| MATH C120 | Trigonometry | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C140 | Survey of Calculus | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C150 | Finite Mathematics with Applications | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C160 | Introduction to Statistics | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C170 | Precalculus | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C180 | Calculus 1 | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C185 | Calculus 2 | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C225 | Discrete Mathematics | $1 / 18 / 2005$ | Yes |  |
| MATH C226 | Introduction to Abstract Mathematics | $1 / 20 / 2005$ | Yes |  |
| MATH C280 | Calculus 3 | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C285 | Introduction to Linear Algebra/Differential Equations | $3 / 26 / 2010^{*}$ | Yes |  |
| MATH C403 | Basic Math | $3 / 10 / 1998$ | No | Retired 09/18/09 |

*Revised outlines submitted for March 26, 2010 Curriculum Committee meeting
Based on the Faculty Survey conducted in Fall 2009, faculty members in the department were universally satisfied with the currency of the curriculum the variety of courses, delivery modes, and the relevance of classes to student needs.

|  | Very Satisfied | Satisfied | Dissatisfied | Very DissatisfiedResponse <br> Count |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Currency of the curriculum (up-to- <br> date in relation to transfer standards <br> and SLOs) | $62.5 \%(10)$ | $37.5 \%(6)$ | $0.0 \%(0)$ | $0.0 \%(0)$ |
| Variety of classes | $60.0 \%(9)$ | $40.0 \%(6)$ | $0.0 \%(0)$ | $0.0 \%(0)$ |
| Delivery modes appropriate to |  |  |  |  |
| student needs |  |  |  |  |

Responses from the Fall 2009 Student Survey indicate that students are also generally satisfied (93.5 percent) with the variety of classes. Of the few who indicated dissatisfaction, the reason may relate more to delivery mode or scheduling rather than to the breadth of the curriculum, as comments noted that some classes are offered only online or only at one time of day.

## Need

Based on responses to the Fall 2009 Student Survey, the majority of students taking classes in the Math Program do not yet have a college degree ( 68 percent of non-incarcerated and 59.2 percent of incarcerated).

## Educational Level of Students

Fall 2009 Survey Respondents


When asked to rank the three primary reasons they are taking math classes, students gave the highest rankings to satisfying A.A. degree and transfer requirements.


Among non-incarcerated students responding to the survey, 50 percent indicated that they are presently working on a degree with an Area of Emphasis in Science and Math. Forty-three percent said they are working on an A.A. with a Math major, and 31 percent said they are working on a degree with a major in Business Administration.

Survey responses indicate that students find the Math classes they are taking to be relevant to their academic or vocational needs.


## Resources

Math course offerings have become centered at the new Westminster Le-Jao Center. Full-time faculty have schedules their classes and office hours so someone is at Le-Jao every Tuesday/Wednesday/ Thursday evening. The full-time math faculty also schedule time to be in Distance Learning at the College Center in Fountain Valley every Tuesday morning from 10:30 a.m.-12:30 p.m. This helps us communicate and collaborate which otherwise would be difficult at a distributed campus like ours where faculty rarely see each other.

Equipment includes a teacher computer in every classroom with Internet access and speakers for sound, loaded with discipline-required software such as MyMathLab plugins and programs, graphing calculator emulation software and educational and social media programs such as YouTube. Several sets of graphing calculators have been purchased over the last few years, allowing students in the appropriate courses to check them out for free during the semester.

Each full-time math faculty has a Tablet PC. It is the ultimate tool for teaching and learning mathematics, especially online, because math is so difficult to type on a keyboard. More of these devices are needed for part-time faculty to check out!

Resources for students include tutoring, both online and in person. The online resource is from a commercial vendor, Smarthinking.com. It is 24/7 and is paid for with Basic Skills funding. Research has shown that the majority of usage for Smarthinking.com is for basic skills, even in the higher-level courses. The major weakness in all math classes at all levels is fundamental algebra skills. It is not without its problems; but for students who can't come in to the college or who work on their math late
at night, it's one of their only choices. The other choice for online tutoring comes from the publishing company. They provide limited help free of charge for students who purchase the access code for their class, which is required for all online courses. When funding for Smarthinking ends this will become their only source of online tutoring. Although the availability is more limited it seems to be quite satisfactory with students.

The in-person resource is provided by having a math tutor four days a week at the Westminster Le-Jao Center Student Success Center, typically from 3-8 p.m. This resource has grown beyond our ability to keep up. Students are often packed into the center 25 at a time with only one tutor to help them. Funding is desperately needed to provide additional help.

## Student Satisfaction with SmartThinking

|  | Very Satisfied | Satisfied | Dissatisfied | Very <br> Dissatisfied | Response Count |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Availability of tutors for "drop-in" online tutoring | 29.4\% (5) | 47.1\% (8) | 17.6\% (3) | 5.9\% (1) | 17 |
| Speed with which questions submitted in writing are answered | 28.6\% (6) | 66.7\% (14) | 4.8\% (1) | 0.0\% (0) | 21 |
| Overall knowledge and skill of the tutors who have assisted you | 21.1\% (4) | 63.2\% (12) | 15.8\% (3) | 0.0\% (0) | 19 |
| Extent to which SmartThinking meets your needs for math tutoring | 21.1\% (4) | 52.6\% (10) | 21.1\% (4) | 5.3\% (1) | 19 |

## Student Satisfaction with Publisher Tutoring

|  |  |  | Response <br> Percent | Response <br> Count |
| ---: | ---: | ---: | ---: | ---: |
| Very Satisfied |  |  | $36.7 \%$ | 22 |
| Satisfied | $\boxed{ }$ |  | $60.0 \%$ | 36 |
| Dissatisfied | $\square$ | $3.3 \%$ | 2 |  |
| Very Dissatisfied |  |  | $0.0 \%$ | 0 |

## Partnerships

The Math Department does not have any significant external partnerships. Faculty within the department do, however, work closely with a number of committees and segments within the college, including the Student Success Committee, Instructional Systems Development, and the Distance Learning Department.

## Professional Development

Almost all faculty members in the department take part in the All-College Meeting in Fall and Spring of each year and in discipline meetings. Faculty participation is also strong in professional conferences and in Coastline's Summer Technology Institute. Recently a new tradition of mid-semester meetings was started because the All-College Meetings didn't offer the time needed. These meetings are held offcampus to promote collegiality and foster an environment of collaboration.

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| CCC All-College Meeting in Fall and Spring |  | 93.8\% | 15 |
| Discipline-related workshops | $\square$ | 75.0\% | 12 |
| Coastline Summer Technology Institute | $\square$ | 62.5\% | 10 |
| Other technology-related workshops | $\square$ | 56.3\% | 9 |
| Student learning outcomes workshopsitraining |  | 43.8\% | 7 |
| Other workshops | $\longrightarrow$ | 43.8\% | 7 |
| Membership in professional associations | $\square$ | 62.5\% | 10 |
| Professional conferences | $\square$ | 75.0\% | 12 |
| Graduate classesiprogram | $\square$ | 18.8\% | 3 |
| Other classes | $\square$ | 18.8\% | 3 |
| Professional training, including certification programs | $\square$ | 18.8\% | 3 |
| Discipline-related reading | $\square$ | 31.3\% | 5 |
| Technology-related reading | $\square$ | 37.5\% | 6 |
| None of the above | $\square$ | 6.3\% | 1 |
| Other |  | 0.0\% | 0 |
| answered question |  |  | 16 |

For the last two years, since the newest full-time math faculty member was hired, the three full-time math faculty have a tradition of lunch together every month. Choosing the restaurant and paying the bill rotates so all three share the cost. This has proved valuable since it is possible to go for weeks without seeing each other.

Finally, Fred Feldon, the department chair, meets at least once per year for lunch with the respective Math Department chairs at Orange Coast College and Golden West College. This has proved to be extremely

I have been told, "When you have a dream, all the people in the world will conspire to make your dream come true." Teaching is a passion with flexible styles and methods for all students who want to learn, regardless of where they started, but aiming them towards personal success.

## Professor Iisa Leee

 valuable, especially since the three colleges are moving further and further towards establishing common course numberings, titles, and other college-wide resources such as tutoring programs and placement instruments. The new District-wide matriculation chair, John Breihan, has said the Math Department "is to be congratulated as they are way ahead of other disciplines in the district in terms of communication and collaboration among the three colleges."Faculty have expressed an interest in additional technology training, including Second Life, Tablet PCs, and Camtasia. They would also like to see increased funding and additional opportunities to attend national math conferences and workshops.

To further develop their own skills and contribute to strengthening the department, math faculty have sought and received Master Plan Initiative grants and Innovation Mini-Grants that have included work with Camtasia, Raptivity, and Second Life. Full-time faculty member Lisa Lee was recognized as the 2007 Coastline College Teacher of the Year and the 2008 Orange County Teacher of the Year and received the National Institute for Staff and Organizational Development Excellence Award in 2008.

As shown in the table on the next page, faculty in the Math Department are also active on a wide variety of college committees and are engaged with other colleges and universities as instructors and/or advisors.

| College and District Committees/Organizations | External Activities |
| :---: | :---: |
| Academic Senate | Advisory Committee in the Material Science <br> Department at University of California, Irvine |
| Curriculum Committee | Instructor, California State University, Fullerton, |
| Distance Learning Committee | and Anaheim Union High School District |
| Diversity Committee | Instruction, Long Beach City College, El Camino |
| Faculty Rank Committee, and East Los Angeles College |  |
| Faculty Recognition Committee |  |
| Leadership Task Force |  |
| Marketing and Recruitment Committee |  |
| International/Intercultural Committee |  |
| Matriculation Committee |  |
| Student Success Committee |  |
| Security Task Force |  |
| Career and Technical Education Committee |  |

## Quantitative Elements

## Course Data

Enrollment and FTES data for the past six and a half-years is shown on the following pages.

Mathematics
Six and a Half-Year Summary of Enrollment and FTES

| PROGRAM AND COLLEGE DATA | 2003-04 |  | 2004-05 |  | 2005-06 |  | 2006-07 |  | 2007-08 |  | 2008-09 |  | 2009-10 <br> Fall 09 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall 03 | Spr 04 | Fall 04 | Spr 05 | Fall 05 | Spr 06 | Fall 06 | Spr 07 | Fall 07 | Spr 08 | Fall 08 | Spr 09 |  |
| FTES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Program | 140.36 | 108.33 | 131.68 | 117.39 | 132.13 | 119.44 | 123.81 | 163.74 | 173.03 | 196.89 | 190.63 | 216.93 | 198.20 |
| College | 1639.79 | 1698.93 | 1668.38 | 1675.88 | 1703.25 | 1713.42 | 1844.86 | 2161.42 | 2327.36 | 2587.71 | 2570.74 | 2697.18 | 2522.05 |
| Program as \% of College | 8.6\% | 6.4\% | 7.9\% | 7.0\% | 7.8\% | 7.0\% | 6.7\% | 7.6\% | 7.4\% | 7.6\% | 7.4\% | 8.0\% | 7.9\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Program Sections |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Sections Scheduled | 33 | 32 | 40 | 32 | 34 | 32 | 38 | 45 | 48 | 46 | 47 | 46 | 47 |
| Sections Cancelled | 2 | 0 | 3 | 0 | 2 | 0 | 5 | 6 | 8 | 4 | 7 | 4 | 2 |
| Sections (adjusted for canc., stacked, and SSC) | 24 | 20 | 24 | 24 | 26 | 26 | 27 | 33 | 35 | 40 | 38 | 40 | 43 |
| Avg. Enroll. All Classes* | 48 | 45 | 46 | 41 | 41 | 38 | 38 | 44 | 39 | 40 | 40 | 43 | 38 |
| *Average size excludes SSC open-lab classes (Math 003, 004, 006, and 080) in order to avoid skewing |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seat Count at Census |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Program | 1233 | 965 | 1126 | 1009 | 1101 | 998 | 1033 | 1448 | 1363 | 1602 | 1546 | 1751 | 1654 |
| College | 15500 | 16243 | 15776 | 15699 | 15927 | 16188 | 17220 | 20458 | 21461 | 23535 | 23493 | 24420 | 23105 |
| Program as \% of College | 8.0\% | 5.9\% | 7.1\% | 6.4\% | 6.9\% | 6.2\% | 6.0\% | 7.1\% | 6.4\% | 6.8\% | 6.6\% | 7.2\% | 7.2\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seat Count at Semester End |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Program | 911 | 688 | 841 | 759 | 817 | 738 | 774 | 1147 | 1036 | 1171 | 1159 | 1295 | 1185 |
| College | 12673 | 12998 | 12915 | 12964 | 12829 | 13239 | 14418 | 17334 | 18534 | 19464 | 19915 | 20522 | 18953 |
| Program as \% of College | 7.2\% | 5.3\% | 6.5\% | 5.9\% | 6.4\% | 5.6\% | 5.4\% | 6.6\% | 5.6\% | 6.0\% | 5.8\% | 6.3\% | 6.3\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Attrition (Cens. To End Seats) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Program | 26.1\% | 28.7\% | 25.3\% | 24.8\% | 25.8\% | 26.1\% | 25.1\% | 20.8\% | 24.0\% | 26.9\% | 25.0\% | 26.0\% | 28.4\% |
| College | 18.2\% | 20.0\% | 18.1\% | 17.4\% | 19.5\% | 18.2\% | 16.3\% | 15.3\% | 13.6\% | 17.3\% | 15.2\% | 16.0\% | 18.0\% |

## Mathematics

Six and a Half-Year Summary of Enrollment and FTES


## Mathematics

## Comparison of Components



## Mathematics

## Comparison of Site-Based and Distance Learning FTES

|  | 2003-04 |  | 2004-05 |  | 2005-06 |  | 2006-07 |  | 2007-08 |  | 2008-09 |  | 2009-10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FTES | Fall 03 | Spr 04 | Fall 04 | Spr 05 | Fall 05 | Spr 06 | Fall 06 | Spr 07 | Fall 07 | Spr 08 | Fall 08 | Spr 09 | Fall 09 |
| Site-Based | 47.35 | 49.22 | 35.48 | 31.88 | 26.25 | 17.24 | 14.71 | 15.80 | 17.40 | 17.33 | 16.53 | 19.53 | 40.27 |
| Distance Learning | 93.02 | 59.11 | 96.21 | 85.51 | 105.88 | 102.21 | 109.10 | 147.94 | 155.62 | 179.57 | 174.10 | 197.40 | 157.94 |
| Total | 140.36 | 108.33 | 131.68 | 117.39 | 132.13 | 119.44 | 123.81 | 163.74 | 173.03 | 196.89 | 190.63 | 216.93 | 198.20 |



## Student Elements

Students in the Math Department are younger than those in many other disciplines. Ten percent of the students in Fall 2009 were under the age of 20, and 47 percent were between 20 and 29.


The majority of students taking FTES-generating math classes are women (57 percent).

## Student Gender

Fall 2009
Unduplicated Headcount at Census: 1571


Forty-six percent of the students in FTES-generating math classes define themselves as belonging to traditionally under-represented groups. Twenty-nine percent described themselves as white. The ethnicity of 25 percent of math students was unknown.

## Student Ethnicity

Fall 2009
Unduplicated Headcount at Census: 1571


Almost 51 percent of the survey respondents indicated that they are "Very Satisfied" with the extent to which faculty and staff meet the needs of culturally diverse students. Forty-seven percent said they were "Satisfied," and only 2 percent said they were "Dissatisfied."

Based on responses to the Fall 2009 Student Survey, 59 percent of math students are working 21 or more hours per week. Twenty-three percent are not working outside the home.


Based on student survey responses, 94 percent of math students are satisfied with the extent to which faculty and staff meet the needs of non-traditional students (e.g., older adults, working adults, active duty military, etc.)

## Cost Data

The Math Department has three full-time faculty members and, in a typical semester, thirteen part-time faculty members.

In 2008-09, the Math Department expended $\$ 719,760$ for instructional salaries and benefits. During the same period, the program's 541.89 FTES generated $\$ 2,473,636$ in apportionment revenues -3.4 times the cost of instructional salaries. In the first half of the 2009-10, the program expended $\$ 380,347$ for instructional salaries and benefits for the Summer and Fall terms and produced 292.43 FTES, which generated $\$ 1,334,893$ in apportionment revenue-3.5 times the cost of instructional salaries.

Math Department Instructional Salary Costs
(includes salary and benefits)

| Cost Category | 2008-09 <br> July-June <br> $(12$ mos.) | 2009-10 <br> July-Dec <br> $(6$ mos.) |
| :--- | :---: | :---: |
| Part-Time Faculty | $\$ 266,160$ | $\$ 139,956$ |
| Full-Time Faculty | $\$ 453,600$ | $\$ 240,391$ |
| Totals | $\$ 719,760$ | $\$ 380,347$ |

Math Department Apportionment Revenue

| Cost Category | 2008-09 <br> July-June <br> (12 mos.) | 2009-10 <br> July-Dec <br> (6 mos.) |
| :--- | ---: | ---: |
| FTES | 541.89 | 292.43 |
| Revenue | $\$ 2,473,636$ | $\$ 1,334,893$ |

## Program Outcomes

## Student Learning Outcomes

The Math Department has made good progress in identifying expected student learning outcomes. Course outlines have been updated to include robust course-level SLOs, and the department has identified expected program-level outcomes.

And, based on responses from the 16 instructors who responded to the Fall 2009 survey, the majority of faculty members are well-engaged in the identification and assessment of student learning outcomes.

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| I havent yet identified expected student learning outcomes. | $\square$ | 12.5\% | 2 |
| I am attempting to identify expected SLOs but need some assistance. |  | 0.0\% | 0 |
| I am working with other faculty in my discipline to identify expected SLOs. | $\square$ | 25.0\% | 4 |
| I have identified expected SLOs. | $\square$ | 68.8\% | 11 |
| My course outline has been updated by me or someone else to include expected SLOs. | $\square$ | 68.8\% | 11 |
| I have developed a plan for assessing SLOs. | $\square$ | 68.8\% | 11 |
| I assess students on expected SLOs no less than once a year. | $\longrightarrow$ | 62.5\% | 10 |
| I use results from SLO assessments to modify my instruction. | $\square$ | 56.3\% | 9 |
| I discuss results from SLO assessments with other faculty in my department so that we can make decisions about teaching and assessment, needed resources, planning, and budgeting based on actual learning outcomes. |  | 62.5\% | 10 |
| answered question |  |  | 16 |

As one might expect for math, faculty members indicate that the most-frequently used methods of assessment are participation ( 87.5 percent), objective tests ( 81.3 percent), and skill demonstration ( 50.0 percent). Other methods used by faculty include written assignments, grading rubrics, individual projects, pre and posttests, and discussion boards.

The department's four program-level student learning outcomes address quantitative methods, mathematical models, technology applications, and mathematical communication. The rubric for assessing these is shown on the next page.

## Rubric for Quantitative Reasoning

| Characteristic/ Standard/ Primary Trait | $\begin{gathered} \text { Poor } \\ 1 \end{gathered}$ | $\begin{gathered} \text { Fair } \\ 2 \end{gathered}$ | Satisfactory 3 | $\begin{gathered} \text { Excellent } \\ 4 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Quantitative methods | Unable to arrive at correct solutions or to select appropriate quantitative methods even in familiar contexts | Generally arrives at correct solution but uses inappropriate methods and is unable to transfer problemsolving skills to unique situations | Selects and applies correct quantitative methods to find the correct solution to problems in familiar situations or contexts | Selects and applies correct quantitative methods (arithmetic, algebra, geometry, and/or statistics) to find the correct solution to a problem in familiar or unique situations or contexts |
| Mathematical models | Neither interprets nor creates mathematical models with any degree of reliability | Accurately interprets mathematical models but is unable to create original models | Accurately interprets mathematical models and can create basic models but does not always select the model best suited to represent the information | Accurately interprets and creates mathematical models such as formulas, graphs, tables, and schematics; includes predictions based on the model |
| Technology Applications | Unable to select and use the technology required to solve the problem at hand; demonstrates insufficient number sense or understanding of model limitations | Can select the appropriate technology but is not able to use the technology reliably and has difficulty with number sense and/or ability to recognize limitations of models | Selects and uses the technology for problems of moderate difficulty; demonstrates good number sense; has some difficulty recognizing limitations of models | Selects and uses appropriate technology (basic, scientific, and graphic calculators; computer software applications; etc.) to solve complex mathematical problems, demonstrating number sense and ability to recognize limitations of models |
| Mathematical communication | Presents a solution but is unable to explain the process used or verify the accuracy of the solution | Knows when an answer is correct but has difficulty explaining and/or justifying processes used to arrive at solutions; unable to represent solutions | Adequately explains thinking, mathematical processes, and justifies solutions but has difficulty representing findings in one or more method | Adequately explains thinking, mathematical processes, and justifies mathematical solutions; effectively and accurately summarizes findings symbolically, visually, numerically, and verbally |

In Fall 2009 faculty identified which SLO to evaluate. The first program-level SLO was chosen. Assessment questions were selected to measure the outcome. Faculty are currently in the process of sending in their assessment data to the Math Department chair. This data will be compiled and summarized by the end of the Spring 2010 semester. At the next department meeting the results will be discussed, the assessment questions will be considered, the assessment methods will be evaluated, and how to improve teaching and learning in the department will hopefully result. There are no answers to these questions but it is vitally important to have the discussion.

## Other Student Outcomes

Data from the State Chancellor's Office Data Mart for Spring 2009 indicates that the overall retention and success rates for Coastline's general math classes are higher than the statewide average for general math. Coastline's retention and success in distance learning math classes also surpasses the statewide average in general math, with success in Coastline's distance learning classes almost 40 percent better than the statewide average.


Grade distributions data for Fall 2009 (obtained from internal Banner reports) indicates that more than 58 percent of the students enrolled at census received a passing grade. Based on drops after census and failing grades, Math C005, Math C080, Math C010, Math C040, Math C170, and Math C180 appear to be
presenting the greatest challenges to students, with each of these courses have combined drop/failure rates of over 50 percent.

Math Department Grade Distribution - Fall 2009

| Course ID | A | B | C | D | P | I | F | NP | W |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Math C004 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 81.8\% | 0.0\% | 0.0\% | 9.1\% | 9.1\% |
| Math C005 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 42.2\% | 0.0\% | 0.0\% | 32.8\% | 25.0\% |
| Math C006 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| Math C008 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 46.3\% | 0.0\% | 0.0\% | 29.6\% | 24.1\% |
| Math C010 | 19.4\% | 13.9\% | 9.0\% | 4.0\% | 0.5\% | 0.0\% | 22.4\% | 0.5\% | 30.3\% |
| Math C030 | 14.4\% | 20.1\% | 18.6\% | 6.7\% | 2.6\% | 0.0\% | 13.9\% | 0.0\% | 23.7\% |
| Math C040 | 14.3\% | 7.1\% | 14.3\% | 0.0\% | 0.0\% | 7.1\% | 28.6\% | 0.0\% | 28.6\% |
| Math C080 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 81.8\% | 0.0\% | 0.0\% | 9.1\% | 9.1\% |
| Math C100 | 22.2\% | 17.1\% | 20.5\% | 4.3\% | 0.0\% | 2.6\% | 22.2\% | 0.0\% | 11.1\% |
| Math C103 | 41.2\% | 14.7\% | 11.8\% | 2.9\% | 0.0\% | 0.0\% | 8.8\% | 0.0\% | 20.6\% |
| Math C104 | 19.0\% | 26.2\% | 31.0\% | 2.4\% | 0.0\% | 2.4\% | 9.5\% | 0.0\% | 9.5\% |
| Math C115 | 28.7\% | 10.6\% | 8.5\% | 1.1\% | 0.0\% | 6.4\% | 16.0\% | 0.0\% | 28.7\% |
| Math C120 | 24.1\% | 16.5\% | 24.1\% | 3.8\% | 0.0\% | 0.0\% | 10.1\% | 0.0\% | 21.5\% |
| Math C140 | 28.6\% | 21.4\% | 17.9\% | 0.0\% | 0.0\% | 1.2\% | 19.0\% | 0.0\% | 11.9\% |
| Math C150 | 37.0\% | 7.4\% | 14.8\% | 3.7\% | 0.0\% | 0.0\% | 7.4\% | 0.0\% | 29.6\% |
| Math C160 | 27.0\% | 19.9\% | 18.9\% | 3.6\% | 0.0\% | 0.0\% | 15.8\% | 0.0\% | 14.8\% |
| Math C170 | 25.7\% | 5.7\% | 8.6\% | 8.6\% | 0.0\% | 0.0\% | 25.7\% | 0.0\% | 25.7\% |
| Math C180 | 11.4\% | 16.5\% | 15.2\% | 5.1\% | 0.0\% | 0.0\% | 24.1\% | 0.0\% | 27.8\% |
| Math C185 | 18.2\% | 36.4\% | 12.1\% | 0.0\% | 0.0\% | 3.0\% | 9.1\% | 0.0\% | 21.2\% |
| Math C280 | 14.3\% | 14.3\% | 19.0\% | 9.5\% | 0.0\% | 0.0\% | 19.0\% | 0.0\% | 23.8\% |
| MATH DEPT. | 18.3\% | 14.3\% | 13.4\% | 3.2\% | 8.9\% | 0.9\% | 14.3\% | 5.1\% | 21.7\% |

## Student Satisfaction

Based on survey responses, students are very satisfied with the quality of instruction, the overall quality of the program, and their own success in the program. On all three measures, non-incarcerated students indicated a slightly higher level of satisfaction than incarcerated. For both groups, the issue of their own success in the program evoked slightly less satisfaction than for the other areas.

I have been taking distance learning classes for years, and my most positive experience was when I earned my A.A. from Coastline. Incarcerated Student


In responses to open-ended survey questions, students offered high praise for math instructors:

- My instructor, Mrs. Forbes, is awesome! Very helpful, available, responsive.
- Easy interaction with the professor and continuous support through the discussion board with professor and other students.
- The help from the teachers has been excellent; they want to see you succeed.
- The instructor is very helpful and you can clearly see he wants all of his students to succeed and understand and pass the course.
- Mark Cisneros spends time on his students and the Discussion Boards, emails and is responsive. The course is structured by him for success - no surprises. The distance learning for higher math is just a great idea.
- In Calculus 2, Dr. Villalobos was very helpful and with his extra input I was able to learn enough to pass his class.
- Mr. Feldon is an excellent teacher. He answers all questions in a timely manner and explains everything very well. I think he is a great teacher for more mature students.
- Professors are great!!!!!!!! Extremely helpful!

Students also offered comments and suggestions related to needed program improvements:

- When I went to the tutoring center for help, there was one tutor for about 12-15 students. I needed one-on-one tutoring and was told it was not available.
- I'm having to struggle [with the pre-algebra class] as an "older adult" returning to college...extremely difficult and frustrating. I would love to see some type of exception made as
to older adults having been out of high school for 25 years or more being exempt from something like this.
- My concern is that there are few evening classes for beginning math where person-to-person instruction is needed most. There are tutors at Le-Jao but they have very thick Vietnamese accents, and I could not understand anyone there.
- Higher math is vitally needed in the community. Can this be broken into smaller units for working adults?

The issues of greatest concern among incarcerated students are the tardy return of quizzes (often coming after the exam instead of before it) and the unavailability of some lesson materials. Both of these issues are primarily the result of procedures and limitations of the prison system.

## Conclusions

Overall the Math Program seems to be responding to the needs of the students. A variety of classes are offered in a variety of formats and methods of instruction, of which online is the most popular and in demand. (The sister colleges Orange Coast and Golden West provide more of the traditional, face-toface, day-time classes for the district population.) Enrollment is growing and the online course offerings are increasing.

Faculty receive good ratings from students and the department chair has received good ratings from instructors.

Leadership in the department is emerging in the district, that is, the two sister colleges seem to be more interested in what Coastline is doing and more open than ever to adopting similar programs.

A weakness in the department might exist in student support, especially in terms of availability of tutoring; but most students do find a way to get the support they need, even if it turns out to be from their fellow students, which is encouraged by all faculty in the department.

## Recommendations

There are two main recommendations. First would be to provide more availability of equipment needed for teaching and learning mathematics online. That would be mainly in the form of Tablet PCs. Currently the full-time math faculty each have one but more are needed to be able to check out to the part-time instructors. Computer software seems to be slowly eliminating the need for graphing calculators, which in the past have used up most of the department equipment budget allocation. This budget amount instead could be allocated, in the future, to purchase more Tablet PCs.

Second would be to increase the number of math tutors available in the Student Success Center. The demand lately has been overwhelming. Math is hierarchical, meaning if a student doesn't succeed in one math course or succeeds barely, success in future courses taken which rely on knowledge and understanding of this material will be hampered.

## Goals

## Progress on Prior Goals

## Self-Review Goals

1. Improve department's ability to develop and implement a student learning outcome assessment cycle by having the department's two full-time faculty members participate in Coastline's Student Learning Outcomes Peer-Mentor Training Program in April and May 2005.

Fred Feldon and Lisa Lee, Coastline's two full-time faculty, participated in the training program. Fred and Lisa each wrote course-level SLO's for every class they taught in 2006. These were sent to everyone in the department, with the request that everyone submit SLOs for the classes they were teaching. Fred and Lisa collected those then edited and included them in new course outlines in 2007. Malinni Roeun, the new full-time faculty member, became involved at that point in 2008. SLOs and course outlines were updated by the three full-time faculty together. Revised course outlines were sent to curriculum for approval in 2009. Some modifications were requested. The new course outlines (for every math class!) have been submitted for the March $26^{\text {th }}$ curriculum meeting and are expected to be approved.

In Fall 2009 the department chose to evaluate SLO \# ! in the course-level outcomes. Every math faculty chose an assessment item (typically a question on a quiz, the midterm or final exam) to measure the item. As of the beginning of Spring 2010 about half of the faculty turned in their assessments in the form of an Excel spreadsheet. The results were discussed at the Spring 2010 discipline meeting, and when the rest of the assessment results are in the discussion will be continued.
2. Update all course outlines to include expected student learning outcomes.

All math course outlines with course-level and lesson-level outcomes have been submitted to curriculum for the March $26^{\text {th }}$ meeting and are expected to be approved.
3. Achieve consensus among math faculty on assessment methods and assessment cycle for specific learning outcomes.

Assessment methods were discussed via e-mail in response to a Math Department newsletter. Actually, this is the second year we have done this so we're getting pretty good at it. Consensus was easily achieved.
4. Use student learning outcomes data to modify instruction as necessary to improve retention and success.

This was done to some extent last year but the SLOs have been revised since then and the process needs to continue. The biggest impact, by far, has been that every faculty now includes
some way to assess student's ability to communicate mathematically typically in writing but also verbally as well.
5. Develop a schedule for conducting adjunct faculty evaluations and bring all evaluations up to date by Fall 2006.

The new Dean of Math, Vinicio Lopz, developed a schedule for conducting adjunct faculty evaluations and in fact participated in the evaluations to help. Adjunct faculty evaluations are almost caught up. Only two adjunct faculty remain to be evaluated. Fred Feldon, the department chair, is scheduled to complete those this semester, Spring 2010. Three additional adjuncts were hired for Spring 2010 but when Lisa Lee returns from her one-semester sabbatical they will probably lose their classes and no longer be teaching for us.
6. Acquire a new notebook computer capable of running complex math programs for use by the Math Department Chair.

The department chair did receive a new Tablet PC in 2007 which he continues to use.
7. Allocate a sufficient number of classrooms for math hybrid courses with Internet access, ceilingmounted projectors, and speakers for sound.

The college has since equipped every classroom in the college with teacher computers, ceilingmounted projectors and speakers for sound.
8. Research ways to increase effectiveness of online math courses with $100+$ enrollment or consider splitting them into two sections.

Beginning 2007 the department ended large online enrollments. Most classes are capped at the union-negotiated maximum of 40 students. At their option, faculty receive 9 add codes for use if their class is full. A couple of sections of selected courses with high enrollments are sometimes capped at 75, with instructor approval which they are usually eager to do, to serve students.
9. Increase faculty workspace and computer/Internet access within the Distance Learning Department.

In 2008 the Distance Learning Department completed an extensive remodel and ended the requirement for college-based office hours. Distance learning faculty typically hold "office hours" online rather than come into the college. On an as-needed basis, however, enclosed faculty suites are available first-come, first-serve or by reservation. Another 8 faculty stations are available with privacy walls between them. There is always room for faculty as they drop in on an as-needed basis.

## Steering Committee Recommendations

1. Follow through on the nine new goals the program has identified and specifically set a time frame of Spring 2006 for the goal of updating curriculum SLOs to meet accreditation requirements.

These goals have been met, with the latest course outlines scheduled for the March 26, 2010, curriculum meeting. The outlines are expected to be approved.

## New Five-Year Goals

1. Implement mid-semester department meetings to augment the all-college meetings at the beginning of each semester
2. Assess SLOs according to the college's requested schedule; discuss the results within the department and how they can be used to improve teaching and learning
3. Incorporate a tradition of peer-to-peer sharing of course websites and instructor-created materials to create a climate of collaboration within the department
4. Acquire hardware, either Tablet PCs or low-cost input devices, so that every full-time and every adjunct math faculty is able to check one out for the semester or access one in the Distance Learning Department
5. Join the college's virtual campus efforts by creating a meeting place for math students and faculty in Second Life; encourage faculty to receive training in and incorporate student activities in Second Life
6. Develop a system to monitor and evaluate the math tutoring program so that the needs of students can be identified and met
7. Support the hiring of a full-time faculty Student Success Coordinator
8. Find sufficient funds for the full-time math faculty to attend the American Mathematical Association of Two-Year Colleges (AMATYC) Annual Conference and/or the International Conference on Technology in Collegiate Mathematics (ICTCM); report on the conferences to the entire department
9. Participate with the college bookstore and the textbook publishing companies to help lower the cost of textbooks to students


## Mathematics Program Review Faculty Survey

1. At which location or in which delivery mode are you currently teaching classes in this program. (Mark all that apply, including Military Program classes.)

|  | Response <br> Percent | Response <br> Count |  |
| ---: | :--- | ---: | :--- |
| Coastline Costa Mesa Center |  |  | $18.8 \%$ |

2. Please rate your level of satisfaction with each of the following as related to this program. (Skip any item that is not applicable to you.)

|  | Very Satisfied | Satisfied | Dissatisfied | Very Dissatisfied | Response Count |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Currency of the curriculum (up-todate in relation to transfer standards and SLOs) | 62.5\% (10) | 37.5\% (6) | 0.0\% (0) | 0.0\% (0) | 16 |
| Variety of classes | 60.0\% (9) | 40.0\% (6) | 0.0\% (0) | 0.0\% (0) | 15 |
| Delivery modes appropriate to student needs | 75.0\% (12) | 25.0\% (4) | 0.0\% (0) | 0.0\% (0) | 16 |
| Relevance of classes to student needs | 62.5\% (10) | 37.5\% (6) | 0.0\% (0) | 0.0\% (0) | 16 |
| Opportunity for faculty to participate in curriculum review and program development | 46.7\% (7) | 53.3\% (8) | 0.0\% (0) | 0.0\% (0) | 15 |
| Extent to which faculty and staff meet the needs of culturally diverse students | 56.3\% (9) | 43.8\% (7) | 0.0\% (0) | 0.0\% (0) | 16 |


3. Please rate your level of satisfaction with each of the following as related to this program. (Skip any item that is not applicable to you.)

|  | Very Satisfied | Satisfied | Dissatisfied | Very Dissatisfied | Response Count |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Adequacy of instructional facilities | 43.8\% (7) | 56.3\% (9) | 0.0\% (0) | 0.0\% (0) | 16 |
| Quality of general instructional equipment (audio-visual, instructor classroom computer and projector, etc.) | 40.0\% (6) | 53.3\% (8) | 6.7\% (1) | 0.0\% (0) | 15 |
| Support for the program and classes from Dean and support staff for your discipline | 68.8\% (11) | 31.3\% (5) | 0.0\% (0) | 0.0\% (0) | 16 |
| Support for you, your classes, and the program from your department chair | 75.0\% (12) | 25.0\% (4) | 0.0\% (0) | 0.0\% (0) | 16 |
| Responsiveness and helpfulness of Coastline's Distance Learning Department in meeting your needs as a DL instructor | 73.3\% (11) | 26.7\% (4) | 0.0\% (0) | 0.0\% (0) | 15 |
| Extent to which the CourseCompass tools and options allow you to teach your class(es) in the way you want | 66.7\% (10) | 26.7\% (4) | 6.7\% (1) | 0.0\% (0) | 15 |
| Extent to which SmartThinking meets the tutoring needs of math students | 26.7\% (4) | 53.3\% (8) | 20.0\% (3) | 0.0\% (0) | 15 |
| Extent to which Coastline's Student Success Center meets the tutoring needs of math students | 33.3\% (5) | 53.3\% (8) | 13.3\% (2) | 0.0\% (0) | 15 |

Result Summary for Survey:Mathematics Program Review Faculty Survey
If you indicated that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe your
4. Do you teach classes for Coastline's Military Program?
Response

Percent | Response |
| :---: |
| Count |

|  |  |  |  |
| :--- | :--- | :--- | :--- |
| Yes |  |  |  |
| No |  |  | $37.5 \%$ |
| 6 |  |  |  |

answered question
5. Please indicate your level of satisfaction with each of the following items.

|  | Very Satisfied | Satisfied | Dissatisfied | Very Dissatisfied | Response Count |
| :---: | :---: | :---: | :---: | :---: | :---: |
| The way in which you are able to deliver instruction for military students | 50.0\% (3) | 50.0\% (3) | 0.0\% (0) | 0.0\% (0) | 6 |
| The support you receive from the Military Program staff | 83.3\% (5) | 16.7\% (1) | 0.0\% (0) | 0.0\% (0) | 6 |
| Do you have any comments or concerns specifically related to this program's classes for military students. |  |  |  |  | 0 |
| answered question |  |  |  |  | 6 |
| skipped question |  |  |  |  | 10 |

6. Do any of your classes serve incarcerated students?

7. Please indicate your level of satisfaction with each of the following items.

8. Please indicate your preferences regarding scheduling options for courses in this program.

|  | Preferred | OK | Not Preferred | Response Count |
| :---: | :---: | :---: | :---: | :---: |
| 16-week classes | 80.0\% (12) | 20.0\% (3) | 0.0\% (0) | 15 |
| 12-week classes | 50.0\% (7) | 35.7\% (5) | 14.3\% (2) | 14 |
| 8-week classes | 40.0\% (6) | 46.7\% (7) | 13.3\% (2) | 15 |
| 4-week classes | 7.1\% (1) | 57.1\% (8) | 35.7\% (5) | 14 |
| Intensive weekend classes | 0.0\% (0) | 42.9\% (6) | 57.1\% (8) | 14 |
| Intensive week-long classes that meet daily | 0.0\% (0) | 28.6\% (4) | 71.4\% (10) | 14 |
|  |  |  | Other (please specify) view | 1 |
|  |  |  | answered question | 16 |
|  |  |  | skipped question | 0 |

9. Please indicate your preferred delivery formats for classes in this program.

|  | Preferred | OK | Not Preferred |
| ---: | :---: | :---: | :---: |
| Classroom | $28.6 \%(4)$ | $\mathbf{6 4 . 3 \% ( 9 )}$ | $7.1 \%(1)$ |
| Count |  |  |  |

Hybrid (combination of classroom

| and online) | $\mathbf{3 3 . 1 \%}(3)$ | $\mathbf{3 8 . 5 \%}$ (5) |
| :---: | :---: | :---: |
|  |  |  |
|  | Other (please specify) |  |

10. Please indicate the methods you most often use to measure/assess whether students are achieving the outcomes you expect in your course(s).

|  | Frequently | Sometimes | Rarely | Not at all | Response Count |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Participation <br> Objective tests (multiple choice, true/false, short answer, etc.) | 87.5\% (14) | 12.5\% (2) | 0.0\% (0) | 0.0\% (0) | 16 |
|  | 81.3\% (13) | 6.3\% (1) | 12.5\% (2) | 0.0\% (0) | 16 |
| Written assignments | 37.5\% (6) | 18.8\% (3) | 25.0\% (4) | 18.8\% (3) | 16 |
| Essay tests | 6.7\% (1) | 13.3\% (2) | 26.7\% (4) | 53.3\% (8) | 15 |
| Skill demonstration | 50.0\% (8) | 18.8\% (3) | 12.5\% (2) | 18.8\% (3) | 16 |
| Case studies | 0.0\% (0) | 20.0\% (3) | 26.7\% (4) | 53.3\% (8) | 15 |
| Individual projects | 26.7\% (4) | 33.3\% (5) | 6.7\% (1) | 33.3\% (5) | 15 |
| Group projects | 18.8\% (3) | 31.3\% (5) | 12.5\% (2) | 37.5\% (6) | 16 |
| Student self-report of application of knowledge/skill to daily life | 6.7\% (1) | 33.3\% (5) | 20.0\% (3) | 40.0\% (6) | 15 |
| Pre and post tests of abilities | 18.8\% (3) | 37.5\% (6) | 25.0\% (4) | 18.8\% (3) | 16 |
| Portfolios | 0.0\% (0) | 13.3\% (2) | 13.3\% (2) | 73.3\% (11) | 15 |
| Grading rubrics for assignments/observations | 33.3\% (5) | 20.0\% (3) | 20.0\% (3) | 26.7\% (4) | 15 |
|  | Are there any other methods you use to assess student learning outcomes? view |  |  |  | 2 |
| answered question |  |  |  |  | 16 |
| skipped question |  |  |  |  | 0 |

11. What steps, if any, have you taken to incorporate student learning outcomes (SLOs) into your course? (Mark all that apply.)

| Response | Response |
| :---: | :---: |
| Percent | Count |


| I haven't yet identified expected student learning outcomes. |  | 12.5\% | 2 |
| :---: | :---: | :---: | :---: |
| I am attempting to identify expected SLOs but need some assistance. |  | 0.0\% | 0 |
| I am working with other faculty in my discipline to identify expected SLOs. | $\square$ | 25.0\% | 4 |
| I have identified expected SLOs. | $\square$ | 68.8\% | 11 |
| My course outline has been updated by me or someone else to include expected SLOs. | $\square$ | 68.8\% | 11 |
| I have developed a plan for assessing SLOs. | $\longrightarrow$ | 68.8\% | 11 |
| I assess students on expected SLOs no less than once a year. | $\square$ | 62.5\% | 10 |
| I use results from SLO assessments to modify my instruction. | $\square$ | 56.3\% | 9 |
| I discuss results from SLO assessments with other faculty in my department so that we can make decisions about teaching and assessment, needed resources, planning, and budgeting based on actual learning outcomes. |  | 62.5\% | 10 |
|  |  | answered question | 16 |
|  |  | skipped question | 0 |

12. Which best describes your use of Coastline's Virtual Library?

| Response | Response |
| :---: | :---: |
| Percent | Count |

I use the Virtual Library myself and/or give regular or extra credit assignments to my students that require use of the Virtual Library.

> I neither use the Virtual Library nor require my students to use the Virtual Library.
13. Please indicate the reasons that either you do not use the Virtual Library or that you do not require your students to use it.

|  | Primary Reasons | Secondary Reasons | Not a Factor | Response Count |
| :---: | :---: | :---: | :---: | :---: |
| I didn't know Coastline had a Virtual Library. | 10.0\% (1) | 10.0\% (1) | 80.0\% (8) | 10 |
| I don't know how to access the Virtual Library. | 20.0\% (2) | 10.0\% (1) | 70.0\% (7) | 10 |
| The log-in procedure is too complicated. | 0.0\% (0) | 0.0\% (0) | 100.0\% (9) | 9 |
| I don't understand the organization of content in the Virtual Library. | 0.0\% (0) | 0.0\% (0) | 100.0\% (9) | 9 |
| I can't remember my log-in and password. | 0.0\% (0) | 10.0\% (1) | 90.0\% (9) | 10 |
| I do not require research assignments in my classes. | 41.7\% (5) | 25.0\% (3) | 33.3\% (4) | 12 |
| I don't have time to review/grade library assignments/research papers. | 0.0\% (0) | 0.0\% (0) | 100.0\% (9) | 9 |
| Other | 16.7\% (1) | 0.0\% (0) | 83.3\% (5) | 6 |
|  |  | If you indicate "Other," please specify. view |  | 1 |
|  |  |  | answered question | 12 |
| skipped question |  |  |  | 4 |

14. In which of the following professional development activities have you participated within the past two years? (Mark all that apply.)

| CCC All-College Meeting in Fall and Spring |  | 93.8\% | 15 |
| :---: | :---: | :---: | :---: |
| Discipline-related workshops | $\longrightarrow$ | 75.0\% | 12 |
| Coastline Summer Technology Institute |  | 62.5\% | 10 |
| Other technology-related workshops | $\square$ | 56.3\% | 9 |

Result Summary for Survey:Mathematics Program Review Faculty Survey

| Student learning outcomes workshops/training | $\square$ | 43.8\% | 7 |
| :---: | :---: | :---: | :---: |
| Other workshops | $\square$ | 43.8\% | 7 |
| Membership in professional associations | $\square$ | 62.5\% | 10 |
| Professional conferences | $\square$ | 75.0\% | 12 |
| Graduate classes/program | $\square$ | 18.8\% | 3 |
| Other classes | $\square$ | 18.8\% | 3 |
| Professional training, including certification programs |  | 18.8\% | 3 |
| Discipline-related reading | - | 31.3\% | 5 |
| Technology-related reading | $\square$ | 37.5\% | 6 |
| None of the above | $\square$ | 6.3\% | 1 |
| Other |  | 0.0\% | 0 |
|  |  | answered question | 16 |
|  |  | skipped question | 0 |

15. Please list any awards, honors, and/or grants you have received in the past three years.

|  | Response <br> Count |
| ---: | ---: |
| answered question | 3 |
| skipped question | 3 |
| view | 13 |

16. List the college, district, statewide, and/or professional committees on which you have served during the past three years.

|  | Response <br> Count |
| ---: | ---: |
| view | 7 |
| answered question | 7 |
| skipped question | 9 |

17. What specific types of training or guidance, if any, do you believe would help you to improve the quality of instruction in your classes so that you can better help students achieve desired learning outcomes?

| Response |
| :---: |
| Count |

18. Are there other courses in this program that you would like Coastline to offer?

Response Count
19. As part of this review, the program will be identifying new five-year goals for the program. Please suggest one or more goals that you believe would be important for the program to pursue.

|  | Response <br> Count |
| ---: | ---: | ---: |
| view | 7 |
| answered question | 7 |
| skipped question | 9 |

20. Do you have any other comments or suggestions for improving the program?

## Response

 Count```
< Back to Summary
```

Please rate your level of satisfaction with each of the following as related to this program. (Skip any item that is not applicable to you.)
\# Response Date
If you indicated that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe your concerns.

1 Dec 1, 2009 4:25 AM
As an online instructor, I feel that my ability to offer certain types of assignments is limited by the type of software in use. I think that the software used for online instruction should be developed with more flexibility and more readily taking into account instructor feedback, since they are the clients of these programs.
« Back to Summary

Please rate your level of satisfaction with each of the following as related to this program. (Skip any item that is not applicable to you.)
\# Response Date

1 Nov 21, 2009 1:58 AM

2 Nov 21, 2009 6:35 AM

3 Dec 1, 2009 4:21 AM

4 Dec 1, 2009 4:27 AM

5 Dec 12, 2009 9:59 PM

## If you indicated that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe your concerns.

The math department could use more Tablet PCs. Unfortunately the Gateways are no longer supported and as they break they are not being repaired or replaced. Because math is hard to type on a keyboard we need this particular piece of equipment more and more. They are also too old and under-powered and don't support Second Life. Either the discipline office or Distance Learning, I hope, can help provide more of these for instructors to use in the classroom and for teaching online. We could also use more tutors in the SSC. Sometimes there is just one tutor available for the whole room, 20-30 students at a time!

1. SmartThinking tutoring provides slow responses to students' questions (not $24 / 7$ as promised). 2. Math tutors cannot help students by using TI-83/84 for solving statistics problems.

I would like to have more trained-Math tutors at Coastline's Student Success Center with longer hours and weekends rather than SmartThiking (in my opinion)

As an online instructor, I feel that my ability to offer certain types of assignments is limited by the type of software in use. I think that the software used for online instruction should be developed with more flexibility and more readily taking into account instructor feedback, since they are the clients of these programs.

Most of my students are not happy with SmartThinking online tutoring program. Also, students are hesitant to go to the tutoring center due to the langage barrier that tutors have.

```
< Back to Summary
```

Please indicate your preferences regarding scheduling options for courses in this program.
\# Response Date Other (please specify)

1 Nov 21, 2009 2:00 AM Would like to have 6 or 7 weeks for the summer semester.

```
< Back to Summary
```

Please indicate the methods you most often use to measure/assess whether students are achieving the outcomes you expect in your course(s).
\# Response Date Are there any other methods you use to assess student learning outcomes?

1 Nov 21, 2009 6:42 AM In-class project presentations

2 Jan 13, 2010 6:49 AM Discussion board: - dividing the students into groups within topics.

```
< Back to Summary
```

Please indicate the reasons that either you do not use the Virtual Library or that you do not require your students to use it.
\# Response Date If you indicate "Other," please specify.

1 Dec 1, 2009 4:30 AM Did not yet have the opportunity of creating assignments that takes advantage of this resource.

```
< Back to Summary
```

Please list any awards, honors, and/or grants you have received in the past three years.
\# Response Date

1 Nov 21, 2009 2:08 AM MPI grant.

2 Nov 21, 2009 6:56 AM

3 Jan 13, 2010 1:34 AM

## Response Text

1. 2007 Coastline College Teacher of the Year 2. 2008 Orange County Teacher of the Year 3. 2008 National Institutional Staff Organizational Development (NISOD) Award

Mini-Grant for Camtasia, Raptivity and Second Life
« Back to Summary

## List the college, district, statewide, and/or professional committees on which you have served during the past three years.

\# Response Date Response Text

1 Nov 19, 2009 6:38 PM

2 Nov 21, 2009 2:08 AM

3 Nov 21, 2009 6:56 AM

4 Nov 30, 2009 10:36 PM CCA for coastline,

5 Dec 12, 2009 10:05 PM

6 Jan 13, 2010 1:34 AM

7 Jan 13, 2010 6:57 AM

Coastline Marketing and Recruitment Committee coastline International and Intercultural Committee Coastline Diversity COommittee

Academic Senate, Dept. Chair Committee, Matriculation, Student Success Committee.

Academic Senate, Curriculum, Student Success, Faculty Recognition, Faculty Rank, Distance Learning, and Election.

Long Beach City College El Camino College East Los Angeles College

Coastline Cirriculum Committee Coastline Distance Learning Committee Advisory Committee in the Material Science Deparmnt at University of California at Irvine

Coastline Community College, Cal state University of Fullerton, and Anaheim Union High School District.
« Back to Summary

What specific types of training or guidance, if any, do you believe would help you to improve the quality of instruction in your classes so that you can better help students achieve desired learning outcomes?
\# Response Date Response Text

1 Nov 19, 2009 6:15 PM Use of the Tablet PC and Camtasia

2 Nov 20, 2009 1:58 AM funding available for workshops.

3 Nov 21, 2009 2:08 AM
More Tablet PCs <smile>

Attending nationwide math conference and workshop

Please enable IMAP or POP on Coastline's email server, so that online instructors can check their mail more efficiently without having to log in too many times.

6 Jan 13, 2010 1:34 AM Additional training in Second Life

7 Jan 13, 2010 6:57 AM Technology related training.

```
< Back to Summary
```

Are there other courses in this program that you would like Coastline to offer?
\# Response Date Response Text

1 Nov 19, 2009 6:19 PM Geometry each semester.

2 Nov 19, 2009 6:44 PM Honors Calculus Courses

3 Nov 21, 2009 2:10 AM
Yes there are (Geometry for example) but with the budget crisis I don't think we'll be adding any new classes for awhile.

4 Nov 21, 2009 7:41 AM Plane Geometry
5 Nov 30, 2009 10:37 PM Finite Mathematics

6 Jan 13, 2010 1:36 AM In the military program an Introductory Course in Materials Science with Emphasis on Metals

7 Jan 13, 2010 7:02 AM Not any at this time.
« Back to Summary

As part of this review, the program will be identifying new five-year goals for the program. Please suggest one or more goals that you believe would be important for the program to pursue.
\# Response Date Response Text

1 Nov 19, 2009 6:19 PM

2 Nov 20, 2009 1:58 AM

3 Nov 21, 2009 2:10 AM

4 Nov 21, 2009 7:41 AM

5 Nov 30, 2009 10:37 PM

6 Dec 12, 2009 10:08 PM

7 Jan 13, 2010 7:02 AM

Each semester the math faculty has determined what should be improved upon and I believe we have been reaching each goal that we have set for ourselves.
none

Every instructor has a Tablet PC.

1. Teaching assignments should be given according to seniority, no favoritism. 2. Department Chair should notify the tenured faculty member what new courses are to be offered by the Math Dept, be transparent. 3. The VP or Dean should notify all full time faculty members for any grant supported programs offered in the summer or any other time. 4. All the Math Dept policies should be transparent to all the faulty members. 5. Part-time faculty hiring should be interviewed by the Dept Chair and one additional tenured faculty.

Standardize testing for basic mathematics

Improving the discussion board so that students can interact with each other more often.

Teaching methods and strategies.

```
« Back to Summary
```

Do you have any other comments or suggestions for improving the program?
\# Response Date Response Text

1 Nov 19, 2009 6:19 PM At this time I am very happy with the program.

2 Nov 20, 2009 1:58 AM no

3 Nov 21, 2009 7:41 AM All the part-time faulty members should be evaluated every semster.

4 Dec 12, 2009 10:08 PM I love the distance learning education that Coastline Community College offers.

5 Jan 13, 2010 7:02 AM Not any at this time. Very satisfied with the program.

# Table of Contents Math I ncarcerated 2009 

Report Name Page
Count and Percent ..... 1
Reasons for Dissatisfaction ..... 6
Major ..... 30
Expectations ..... 50
Goals ..... 52
Most Positive Experience ..... 82
Interest in Other Courses/Degrees ..... 104
Comments or Suggestions ..... 118

## Count and Percent CCC Incarcerated 2009 Math

|  |  | Count | Percent |
| :---: | :---: | :---: | :---: |
| Quality of instruction |  | Respondents: | 144 |
| Very Satisfied |  | 49 | 34.03 \% |
| Satisfied |  | 83 | 57.64 \% |
| Dissatisfied |  | 10 | 6.94 \% |
| Very Dissatisfied |  | 2 | 1.39 \% |
|  | Total Responses | 144 | $100 \%$ |
| Variety of classes |  | Respondents: | 137 |
| Very Satisfied |  | 46 | 33.58 \% |
| Satisfied |  | 79 | 57.66 \% |
| Dissatisfied |  | 12 | 8.76 \% |
|  | Total Responses | 137 | 100\% |

Relevance of classes to your academic or vocational needs
Respondents: 148

| Very Satisfied |  | 58 | $39.19 \%$ |
| :--- | ---: | :---: | :---: |
| Satisfied | 83 | $56.08 \%$ |  |
| Dissatisfied | 7 | $4.73 \%$ |  |
|  |  |  | $\mathbf{7 0 t a l}$ Responses |
|  | $\mathbf{1 4 8}$ | $\mathbf{1 0 0} \%$ |  |

Speed with which the instructor responds to questions
Very Satisfied
Satisfied
Dissatisfied
Very Dissatisfied

Respondents: 139

|  | 44 | $31.65 \%$ |
| :---: | :---: | :---: |
| 72 | $51.80 \%$ |  |
|  | 18 | $12.95 \%$ |
|  | 5 | $3.60 \%$ |
| Total Responses | $\mathbf{1 3 9}$ | $\mathbf{1 0 0} \%$ |

Helpfulness of feedback on quizzes, assignments, and/or exams
Very Satisfied
Satisfied
Dissatisfied
Very Dissatisfied
Respondents: 145

|  | 43 | $29.66 \%$ |
| :---: | :---: | :---: |
| 72 | $49.66 \%$ |  |
|  | 22 | $15.17 \%$ |
|  | 8 | $5.52 \%$ |
| Total Responses | $\mathbf{1 4 5}$ | $\mathbf{1 0 0} \%$ |

## Count and Percent CCC Incarcerated 2009 Math

|  | Count | Percent |
| :---: | :---: | :---: |
| Relevance of assignments and exams to the course material you are studying | Respondents: | 146 |
| Very Satisfied | 57 | 39.04 \% |
| Satisfied | 83 | 56.85 \% |
| Dissatisfied | 4 | 2.74 \% |
| Very Dissatisfied | 2 | 1.37 \% |
| Total Responses | S 146 | $100 \%$ |
| Clarity and comprehensiveness of the instructions for completing assignments | Respondents: | 147 |
| Very Satisfied | 55 | 37.41 \% |
| Satisfied | 80 | 54.42 \% |
| Dissatisfied | 9 | 6.12 \% |
| Very Dissatisfied | 3 | 2.04 \% |
| Total Responses 147 100\% |  |  |

Responsiveness of Coastline's Incarcerated Service Support Team Respondents: 125
Very Satisfied

| 40 | $32.00 \%$ |  |
| :---: | :---: | :---: |
| 74 | $59.20 \%$ |  |
|  | 9 | $7.20 \%$ |
|  | 2 | $1.60 \%$ |
| Total Responses | $\mathbf{1 2 5}$ | $\mathbf{1 0 0} \%$ |

Extent to which faculty and staff are meeting your needs
Respondents: 139

| Very Satisfied | 53 | $38.13 \%$ |
| :--- | :---: | :---: |
| Satisfied | 78 | $56.12 \%$ |
| Dissatisfied | 7 | $5.04 \%$ |
| Very Dissatisfied | 1 | $0.72 \%$ |
|  | Total Responses | $\mathbf{1 3 9}$ |
|  |  | $\mathbf{1 0 0 \%}$ |

Overall quality of the program
Very Satisfied
Satisfied
Dissatisfied
Very Dissatisfied

Respondents: 146
$70 \quad 47.95$ \%
$70 \quad 47.95 \%$
$5 \quad 3.42 \%$
$1 \quad 0.68 \%$
Total Responses $146 \quad 100 \%$

## Count and Percent CCC Incarcerated 2009 Math

|  |  | Count | Percent |
| :---: | :---: | :---: | :---: |
| Your own success in the program |  | Respondents: | 148 |
| Very Satisfied |  | 66 | 44.59 \% |
| Satisfied |  | 67 | 45.27 \% |
| Dissatisfied |  | 13 | 8.78 \% |
| Very Dissatisfied |  | 2 | 1.35 \% |
|  | Total Responses | 148 | $100 \%$ |
| To satisfy A.A. degree requirements |  | Respondents: |  |
| 1st Reason |  | 68 | 75.56 \% |
| 2nd Reason |  | 18 | 20.00 \% |
| 3rd Reason |  | 4 | 4.44 \% |
|  | Total Responses | - 90 | $100 \%$ |
| To satisfy transfer requirements |  | Respondents: | 100 |
| 1st Reason |  | 66 | 66.00 \% |
| 2nd Reason |  | 26 | 26.00 \% |
| 3rd Reason |  | 8 | 8.00 \% |
|  | Total Responses | 100 | $100 \%$ |
| To earn a certificate |  | Respondents: |  |
| 1st Reason |  | 11 | 31.43 \% |
| 2nd Reason |  | 13 | 37.14 \% |
| 3rd Reason |  | 11 | 31.43 \% |
|  | Total Responses | 35 | $100 \%$ |
| To prepare for a new job or improve job skills |  | Respondents: |  |
| 1st Reason |  | 24 | 32.88 \% |
| 2nd Reason |  | 29 | 39.73 \% |
| 3rd Reason |  | 20 | 27.40 \% |
|  | Total Responses | 73 | $100 \%$ |
| For personal interest |  | Respondents: | 59 |
| 1st Reason |  | 18 | 30.51 \% |
| 2nd Reason |  | 19 | 32.20 \% |
| 3rd Reason |  | 22 | 37.29 \% |
|  | Total Responses | 59 | 100 \% |

## Count and Percent <br> CCC Incarcerated 2009 Math



## Count and Percent <br> CCC Incarcerated 2009 Math

|  |  | Count P | Percent |
| :---: | :---: | :---: | :---: |
| Ethnicity |  | Respondents: | 143 |
| African-American |  | 24 | 16.78 \% |
| American Indian/Native Alaskan |  | 6 | 4.20 \% |
| White |  | 71 | 49.65 \% |
| Hispanic |  | 25 | 17.48 \% |
| Vietnamese |  | 2 | 1.40 \% |
| Asian Other |  | 4 | 2.80 \% |
| Decline to State |  | 3 | 2.10 \% |
| Other |  | 8 | 5.59 \% |
|  | Total Responses | $143$ | $100 \%$ |
| Primary Language |  | Respondents: | 145 |
| English |  | 140 | 96.55 \% |
| Spanish |  | 2 | 1.38 \% |
| Vietnamese |  | 2 | 1.38 \% |
| Other |  | 1 | 0.69 \% |
|  | Total Responses | s 145 | $100 \%$ |
| What is your highest level of education? |  | Respondents: | 147 |
| Less than high school completion |  | $1$ | 0.68 \% |
| High school diploma (or GED) |  | 86 | 58.50 \% |
| Associate in Arts degree |  | 44 | 29.93 \% |
| Bachelor's degree |  | 14 | 9.52 \% |
| Master's degree |  | 1 | 0.68 \% |
| Doctorate |  | 1 | 0.68 \% |
|  | Total Responses | s 147 | 100 \% |
| How interested would you be in taking half-unit basic skills courses to improve your spelling, vocabulary, or writing? |  | Respondents: | 136 |
| Very Interested |  | 38 | 27.94 \% |
| Somewhat Interested |  | 32 | 23.53 \% |
| Not Interested |  | 66 | 48.53 \% |
|  | Total Responses | s 136 | 100\% |

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*


No progress reports were ever Sent to me during the semester.
Syllabus says 15 questions + extra credit question on final 4 midterm
exam, but not so
There was 20 questions or final
w/ No extra credit.

# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*





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regardes to muy ore cauke whic:
bo-Math: 30'nntermatiate Preria
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# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

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gath clarr. Than yom Hendbodk
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th terl rayr no. I could
go in foreven
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\end{aligned}
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# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
Ind like to see
math up to
calculus os much
mir feedback
*

> Idem find out how I did on
> Quizes until the progross report
> come in. And evan then,
> if I miss any questions
> I get ho indication of
> which on exactly I missed.

# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

## DEC 282008

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Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*


# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
I World like to see more
Math Classes offered.
*
I need higher level math i calculus and above) for the majors I'm most interested in. A $2^{\text {nd }}$-level Economics and statistics courses would also be help full.

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
For a transferrable
A.A, I need Freshman
composition (Eng.101).
Lc does not offer
that for incarcerated Students.

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# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
"Slow" Responsiveness it any
no Pespons to questions ashed.
*
This was an online course, but video instruction was not
available for some very
relevent sections

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
Homework problems are basic problems and do
not always adequately
prepare for test
questions.
*


Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
Reccird no tectlek

Wont to tale rico:
*
There wa: no ftacaca:c
on juices or exams
beyond posted grades

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.

When clanfication for something was needed, 1 emailed Due instructor but never heard back and had to figure it out on my on s
instructor didinet
respond to
emails or give
feed wack on assignment

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

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& \text { of tone better ri } \\
& \text { some areas, }
\end{aligned}
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North as j, USE i as De
soveco (which I had
to buy Expencuse geogean
For! I It Does $\pi l$ knt
work. SHE ONly hab
to grape exams! your
paying her to Do
rotting

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

1) Access to higtertier course
2) A syskm, regarding exams, then will tell me "What" I missed so that I Gun review it later.

* 

woultive liked fucker
information on how I performed on midterm \& Final exams

# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

```
Was not notifico
in the eharese of
Books in time.
```

* 

Speed of respond. wand like
to get feadbeck baforemed-terms
and on Quizes. For example .ariz
H 2 ontic $85 \%$ but no honewort
returned showing which one or
now to do it correctly

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
Ats uäistance learner".
I am unable to review the graded exams.
*
Io in prison!

# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

$$
\begin{aligned}
& \text { 1:4 ASSISAANCE OR CİAKK. } \\
& \text { Explanation }
\end{aligned}
$$

* 

In prison access to lectures is
impossible. Videos are also
hard to watch, there's always distraction. All this will
improve once tm release c

Reasons for Dissatisfaction CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

$$
\begin{aligned}
& \text { I THought I cauls } \\
& \text { Do BETTER }
\end{aligned}
$$

* 



# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

$$
\begin{aligned}
& \text { The quizzes are retineci } \\
& \text { after: the mio-term } \\
& \text { exams (and mas) morin } \\
& \text { it harder to adjust your } \\
& \text { mistakes in time for } \\
& \text { the exams. }
\end{aligned}
$$

* Response to questions/concerns not generally prompt.
* 

$$
\begin{aligned}
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& \text { curacispondedi curio }
\end{aligned}
$$

# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
I have been undisciptiaf
in my stalyingidue to
personal distractions.
It's my owntault.
*
With Coastline are late sometime with returning
the quizes and homework assignments.

# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*

Conswurs - DoEs nor
OFFCR- CNGUSH CrAP
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siubrosw .. AHis
Himores comak.
THASSERR POSEViNitts
*
Teacher does not communkate in private, onlyon discussia boards. Will enly respond to questions affer 72 hrs Problems on unal were not ever discubsed or
assigned as homework.
Does not take unto consideration the time needed ti. take exams with proctior. Ins

Reasons for Dissatisfaction
CCC Incarcerated 2009 Math

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
*
No Gait of Coastline
but we rave no meas
of contact with
Faculty. $I$ would
hove liked clarification
ow same of the
course $\geq$ truk
*
No feedback on
homework or quizzes.

# Reasons for Dissatisfaction <br> CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.

* Tests are based on quizzes. No feedback on quizzes (wrong problems) so one assumes they are correct and use same method on test, thus getting question wrong on test. Need feedback on wrong answers on quiz to prepare for tests. *Response before test.*

Fests are based on Quires No feed-
back on quizes (wrong problems) So
one assumes they are curvet and
use same method on test, this
getting question wrong on test.
Need Red back on wrong antares
on quiz to prepare for tests.

* Response before test*
* 

kt, prizdice kb kia
t Can Succeed lions's
Il am afrard...but
in the sane breathy do not wart to tee a loser anuinolc Dodo that make Ai cc?

# Reasons for Dissatisfaction CCC Incarcerated 2009 Math 

Question: If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.
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* 

Requestect information
from Ms Darken regarding
a writing assisumest that
I near heard back som
and peeved a (D) in
class. Humanities 110

Major
CCC Incarcerated 2009 Math
Question: What is your major?
social sciences

Business

* What is your major?
* variates your major.

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* What is your :mi...,

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comber Es

Major
CCC Incarcerated 2009 Math

Question: What is your major?

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Crwaileications

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* wnat byour maitu:
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N / A
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Psychoiogy

* what s vour mar.
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# Major CCC Incarcerated 2009 Math 

Question: What is your major?

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Undecided
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PHILSSANY/CRInesiol
JUSTICE
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* writ is your major

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\begin{aligned}
& \text { science/math, } \\
& \text { Business }
\end{aligned}
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* Anta- yourtion

Major
CCC Incarcerated 2009 Math

Question: What is your major?
*
virus strati.

* What your
* What is your major.

Liberal Studies

* print scad: .
liberal studies,

liberal arts
* manat is your major.


## Major CCC Incarcerated 2009 Math

Question: What is your major?

* What recur mar

HiENuck

* what is y your azan...
Uכ. Histuant
* What your


## Math

* sonar es your ma ar

Education

* What is your man
* ate yourad:

CRTATAA
TKTTK

* What is your major
workforce id + Oer/m.

Major
CCC Incarcerated 2009 Math

Question: What is your major?

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BA

* what is your mage.

Undeclored
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nursing
coneral


Psychology

> Busingers
> Arunistration

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* What "mour mas:
$B \leq N$
* Whain aras

Post Deque

Major
CCC Incarcerated 2009 Math

Question: What is your major?

* What is your major?

Mathematics

* aras your major.

Ph, isepren
*
Education
*

* What is your major

Education

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Major
CCC Incarcerated 2009 Math

Question: What is your major?

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Berserss


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Social seunce qecordology
*
Biblicat Studies
*


Major
CCC Incarcerated 2009 Math

Question: What is your major?
liberal Sndies
Kinesioloyy

* What is vour maja Elementary Educo on

Liveral Sudies

* what :suin mait

Social science
*
N/A

* IVnat is you: ma:

Educstion

Major
CCC Incarcerated 2009 Math

Question: What is your major?

* whit is vouf trigo

Uneral Stude:-
Education
undecared

Socid bined

* What is your ma;or)
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American
starliea
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?
NURS NG

Question: What is your major?

Bis Managuart
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Behavorial 5
ferial sermons.
*
As. ans?

Political StAnce
*
several Ed.
*
Social \& behavioral science

Question: What is your major?

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* what is your tajar.
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* wnatyonay

Fos:mess
*
Somil eBahaviotal Scuirce
*
Business

Earlych. Idhood Eduraton
*
Business
Admustration

Major
CCC Incarcerated 2009 Math

Question: What is your major?

* what ravidumay.

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N / A
$$

* 

Business

* what is your major.
Moth
* 

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Major
CCC Incarcerated 2009 Math

Question: What is your major?
*
Social tbeharromi science

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Business
*

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Business
*
Psychology

* Writ - ain
* What es your mat ar
Liberal steadier


# Major CCC Incarcerated 2009 Math 

Question: What is your major?

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Business l nome witt

* What is your major?

Brats

* Psychology; Law
* whats yourmat
i,usbues
* 

isupholiy

* $\sin$ ramon
undecided

Major
CCC Incarcerated 2009 Math

Question: What is your major?

* What .,..
Morn/ (i, on r
* What is burma?

Business

* What is your major?

Business
Administration

* What is your malar

Cusses Ansingomi

* What youlraso
Accounting
* What is your man
Liberal Studies
* wircuratuitamumysal wat Bad Expedience!

Major
CCC Incarcerated 2009 Math

Question: What is your major?

* live at: your mo.
* What ir veurmaz:

Benwiold
Sciences

* What is your major.

Business Law

* What is your mater
workforce Elucat in
Developrreat (wED)
* What is your man:

Beta ara! Science

* What is your mai: :
public renin: traction

Major
CCC Incarcerated 2009 Math

Question: What is your major?

* Business Major

What is your maze.
Business Major

* Business

Fun
$\qquad$
education

* What is your ra, :
math
* What ls your ricatar
undecided
A. A.
* What as your mab.
outgrown

Question: What is your major?

* What is your marat

Gertria suave

* What ty your mo....
* Social Sciences

What is Your major

Social Sciences

* What y
* What is your minos


Expectations
CCC Incarcerated 2009 Math

Question: If you answered that the class is not as good as you expected, please describe your concerns.

* Your this aver mit rarood, your un den the illus,
that an con arronc what ethorir nona notion
yearn in you incorcasted wootsont It ray, nothing -all yen get int th ctan and find ont the Had
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n / A
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no instruc comnumin cath
*
No advanced math
(Physics? ${ }_{x}$ )

Expectations
CCC Incarcerated 2009 Math

Question: If you answered that the class is not as good as you expected, please describe your concerns.
*
Not that sod went to otherit
allege last teem. Will probally
at crib:
$N / A$
*


* Some of the test phothre are different

Thar those cowed in the course
on in the practice Duobkmes int the
Textbook

* very little help pronged by teacher. Online Lab program not used to it's quill capabilities. I have used it before and cored it. This semester was terrible.


# Goals <br> CCC Incarcerated 2009 Math 

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

0

How to understand Algebe A (Advanced)

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Knowledge



Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Jus it to meat tran..: rig.e.e.
roqured Fir decree


Hin to better apply, math

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

I would like to improve my skill in Mathamatics.

I Feel that my mouth Knaulénle is officesat and nape ta ImpRove IT,

At present $D$ an taking as many tranfervalice conses ac bricil to in the life that is may <compat>...e day apply than-townub erring a hachelris degree

To be able to apply my new SKiMS in and on the Job, or in life.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
math Driecopes


My goals is to be a teacher; and by then the courses recommended by CSu-cimes, 1 mine to lear. tine skills I med know to teach others
to be roble to touch a varieigot subsets

Goals
CCC Incarcerated 2009 Math

Question：In your own words，please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline？


 ゾゥ 65
to learn something new

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Wi the Incarcerated logogram, our tine spent in prison stops being a compile waste of time.

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& \text { trailer nodi. }
\end{aligned}
$$

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\text { To sati, } f_{2} \text {; nu transfer reirenients. }
$$

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Sura BA tare

Business application of math skills

I want to regain my math skills (took (calculus in nigh school) and continue to words a math-related morjor.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Interactions in human behavior and the effects they have on other's.

To satisfy $m$ M.A. degree requirements.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Aweseris on tore clowns vary organized el lexeme for the woven g shone t

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

I wish to upgrade my math skills in order to expand my high schod teaching areas.

Ian taking math classes to further myself in cider ti Tainifer to a Unnersitg of (al pornia to complete my degree on math manics.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Serious mate,
c


Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
acquire en evened see - BA. MA. PhD

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& \text { Thus, zcesmicte credit to pransten to } \\
& \text { 2, in wersityt }
\end{aligned}
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Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
 get out of pegging ion open rasiciecty = 'anon!

Getting gemeral-ed credit
Obtain CU U curigication

Satisfy Requirements for CSO

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

I were ot ie, basie matt skin iii we these tel: tie the future.

1 tate the online courses at Coastline, because they $f+1+$ tori $y$ schedule, Inever have to go on campus, it the profesoce are olwaus extremely helpful

Fulfillment of pierqusile
d rant to be cuber to. succeed un a four racon wheeze

I want to earn enough main credits to get my supplemental teaches credential in math

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
get $B A$

I am trying to accumulate chasses to get my degree at a 4 year college.

$$
\text { To Ge mine th it de you } k \text { tanga \& os u }
$$

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
personal education and my $x>$ deajree

Each subject:

Physics

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Highereducation, personal satistaction, and the ability to aid others.
to help me complete of gee e

Brush-up on math skills - Relearn study skills for further education.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

I want to gain knowledge ard obtain a BA ogre so $I$ can indiptie traveled just
to get to tide necessary math course to ratify An transfer

AA degree
my AA in buomess.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

I wish to obtain an AA degree

I want to Qua comfortable to tate the next level math oas.

I am taking curses thru coastline online because it is conveniet. I work 40 hrs and carry 6 units of Evening classes and still real to complete GE Classes for my ogre.

Transfer to University

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

Credentials

I am majoring in business so I wot be better prepared to ma my an business in the future.

I What to bard my associate id arts degree.

Details

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
To satisty A.A requirement

LOdsumbe:
I want to cothieve my $A / A$ to continue education wii my release 2011

O wait to complete the aigionalous bothat of car
than ar Ad rogue.
b


Acquire the knowiecge to improve immanities success in te Universe.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
to prepare for B5 or future graduate degree


Io satisfy AD. dogie

Upgrade Mare sol's un crier to pas mari irpurimotis for a borne bors dogies.

## Goals <br> CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
to leaf more about the


* I want to learn the subject that I signed up for and I do not want it to be difficult to understand. Taking courses in Coastline are much easier than other online community colleges. The course help me and I understand almost everything.


## Goals <br> CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

* Completion/satisfaction of degree requirements.
 ORATIONS AND MANAGEMENT.

I coccimplished on AA' cleciree

Improve my computer programming skills.

An 1.A. degree

I'minterrested learning communication skill in business, now to manage and run a business, and obtain a business degree

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

To Funthen my koowicieg in the Application of Busiouss concepts

AA Degage w/ warsfiee os 4 year undorisity

Improve my math skills I Improve my vocabulary,

To finish up my Degree e Chico state

Just want to transfer to CSOChico to continue with my degree.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

I wont th bean tow pointy, rect prob, and undecsterd and analyze irfermation covertly

I want to know everythit, i could about math

I wail I te an fit degree: with a practio! 'compisimense knowhed, bose.

# Goals <br> CCC Incarcerated 2009 Math 

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

## want to meet my transfer requirements

From Math, I wish bo LeaRn it all, and thew to ofity it in all areas of al


* Wanted to learn more on life applicable math as this course (Math 100) offers. I also wanted to take this class as it is required for Cal State schools.
* Personal growth first and foremost. Prepare for a better way of life.

My goal is to learn now to teach elementary students $\mathrm{muth}^{+}$

## I want to do math as much as I cad

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?
Test takin

ID LIKE TO EAIZN MY A A
: Coastline:
I would lied $u$ recess on AA

Degree in urban Pychology

I would like to snorpei my writing skills and learn more math.

Goals
CCC Incarcerated 2009 Math

Question: In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

* A.A. and transfer credit towards B.A.

To bore bitter

To become better

I have loenned a lot about whatitis like ti be in the business war ld and s how much I look forward to som :m. and axtmanti.so

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?


Algebea I was much easier to understand, the inclass instruction is much better than the DC Instenction

FisT Euccetang

I han learned that I cen be incompibit ad work at a college.

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?
ate : raise i ier reeker it ruetlone



Hie mort Poritive Efferiewe has see v that In Dement 1 about Diversity.

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

I have been taking distance learning courses for years and my most positive experience was when I earned My A.A. from coastline.

I Rout sntaven Tue blum Valtery of Tapises cavern dy MATH 100.


I coned the iniosplyy and issach. Courses
I am also very glad you have added Enshish courses I am very weak in this area.

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& \therefore \therefore d!
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Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

The first class I took a ce wan stats for elenivern teachers. the bencher (chord Shimemb) var wonderidel and $\pm$ iecuncel ard

I car mot an risers on by canvientine.
from all the comperes $\pm$ lave biter: $\therefore$.th ac. $x$ gand may kavoledige.

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?
r) $/ A$

Learned new stiff


A start, to change my future

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& \text { My mos- paste or arete is the levite }
\end{aligned}
$$

Most Positive Experience
CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

The most positi's experichoc was that I could take the class at my pace, when 1 had time. Flexibility

In general, the flexibility it provides.

The structure of the class is exactly what I've needed to refocus on my education goals, something that's taken me 27 years to acheive.

Western Civilizations, History 180, was a great course. Instunctor, Najera, (Gorged course work that helped students interact with the curriculum. charts pappers etc.
mos most Positive experience, $I$ would have to say came from Statistics.

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

Instructors' Great

Mrs. Lee is a very positive, encouraging, instructor

1 enjoined my Pre-calculus class. While there was a lot of homework, l lilt prepared and con lident Unsure intr. His arris

Able to work full time ard be enrolled in action

Most Positive Experience
CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

Tree sequence of ir at' Cis...

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\begin{aligned}
& \text { The process of begining to loaner again, finding } \\
& \text { useful mooring in life by striving to attain a goal } \\
& \text { has changed my life. }
\end{aligned}
$$

understanding saciolinteaction among argues of people aud the functions



Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

The comninomertor, cnaluatanting of the tace ricith purwiplle, and learning pinnth w. Che way, wat ouginouly taught,

Prof Feldon- Funny guy

The helvinimes et the iotoutor

Email interaction with Professors

Most Positive Experience

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

Beni, able to archest c...rere online
tl liked the enthusiasm of a lotobinstructos

Instant feedoack via the course compass

Somewhat self paced

The Counseling was hexed me get aura my anpaty O. mater. (Daosotutaly could not get part by fear.)

Plus it was a thenerdow hade to have min th t...... it irene

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?
there is hip whin me need it.

Excellent on cine mastruction
enrichment
: particular program?
 shade too.

When an instructor returned one of my essays ard wort "Very ford Job!" It mater we feelgood

Most Positive Experience
CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

Quality of instructional
viral I enjoyed the whole experience of returning to sinool inter 20 years of being out of school.

Being able to proactive what I've learned

Have en guyed teaming

Education

Most Positive Experience
CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

Felling better About myself

Learning newinformation and getting goad grades

This is my first class.

The sofware is so user friendly

Ability to meet time restrains

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

EVERYTHING THAT I HAVE TALES HAS BEEN POSITIVE FOL ME.
Locrairg totcilis
$m_{y}$ earning capability and involverate w) lass has anent me somuet. I arm mare ether ted which allows me $\rightarrow$ miersiend more



Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

Learning something new \& positive in prison's negative environment I am thankful to counseling dept response to my questions and needs




The rust positive experience ic when of learn our aneling 105 to sect nu e higher adv ration.,

The puts's ixiouses from the staff anytime I sen quistois

# Most Positive Experience CCC Incarcerated 2009 Math 

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?
just beng able to git a college eingation fla free



* The experience I have had with Coastline classes is amazing; the teachers help me a lot. They teach the classes clear for me.
* I enjoy and appreciate all of the Coastline classes.



Most Positive Experience
CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

It has been a bertie trixarice, nit most Positive


Cameraderic and acceptance by peers and supervisors as an intelligent human.

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$$

I have really enjoyed taking the intermediate algebra, all though it was hard and may have not pass the course, but it was my biggest <challenge sofar.

The most posits experience restores in the ouratil aspects io which the
 I'vertakw.

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?


FOR me The DVD's were a big help,

Beng able to get classes online that mainly are only taught on campus-

Cnticax Thinking teacher was friendly, responded to prate email and quickly answered questions. I cored the Smanthinking tutors They pronded all of the instruction lack ina divan mas teacher

Tesciri un: very ceponcive

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

I forget titers m diffioltan with scion a mall

I laue the fer ct that online theses are convenient
learning new things wi.: I con ripply to enname ny everyday livia
the online courses

The at ha! ", orients ir Marl are the Greatest. I Live how it forces You to This.

* To know that I can be good in mathematics. In high school, I never applied myself.

Most Positive Experience CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

* Mr. Cas commented on my progress report. It was a positive experience because I could tell he personally responded to my efforts and it was very encouraging. Thank you, Mr. Cas!
= enfoget my math observation \& teaching a moth lesson.

Learning aloft about math


I M A DUE TO UNDERSTAND THE MATH SOLITIONSOU

It rats in i te re aucire of row ing stove rabies testis
rio. ac o oo

Most Positive Experience
CCC Incarcerated 2009 Math

Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

The Menses! sporting to educate miese'f during my incarceration

The mort poultice experience motel hove to be being able to pack back up in school and being so focused in my studies.
 HE IS VERY STUDENT FRIENOLYWITH HIS TENMIWS MEMOS.
TH BEEN OVER 30 YRS SINCE I OK ALEEEEA ON HIS AND I WAS PLEASED WHEN I VIGreD HIS VIDEOS \& TEACHING MEMAOSS

* Acceptance of my petition for an A.A. degree and making the Dean's list!
Learning

Learning nev thins

Most Positive Experience
CCC Incarcerated 2009 Math
Question: Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program?

I hove Learned more wort the business inorlo. The math courses seared to all be c.like but I didget the conesp int them

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?



- $=.150^{\circ}$
-dilything :

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?

Id low to see physics chases.

I would like to see a BA. program offered.

join Ar shoeing getting this business managanast cestiferate

Yes. Physics, Calculus and the higher math classes
creative writing and litelarume
More philosophy

$$
\text { ruck asolti, } \because, ~ \therefore!
$$

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?

10

Earth those cience

No

 student of

ENOj(4. Le PJiNo QUKESJ


Nance

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?

1」

Math. Computer classes, but witrat access to computers that wald be impossible in our circumstances.

$$
\text { Notir } \quad \text { ion a ir ant are }
$$

$$
\text { Net at } \because \text { 保 }
$$

Cant think of any at the moment, but I am sure there are many of them.

Answered on page 1. Unfortunately ny incarceration limits my desire for computer programming classes

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?

Yes, Eng. 101 Freshman Comp., Speech 100, Trigonometry

I would the more inline mathemancs classes.

NA

Maria

Registered so that foe someone elf se ir argue

Yet, more English courses on languages
whir e than Spanich or french.

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?
a curs

9

:
gesorialgy causes on d weucition planning
No


$:$

$$
\text { In enjotins the cogent offerings } \theta
$$

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?


No
$\because$ con'titirie of amer
none
ir $\mu$ e retatrig to Toni sire.
whatever is possible for the college.

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?
Physics

- German
- more psych + soc.
- more advanced level corse. that are transtivable to a 442 prog.

4
Not that $E$ can tor d
:
Physical Fitness Degree
$?$
Yes, wore social science classes, and Philosophy classes.
unsure at this time.

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?
$?$
Chicano studies
Mexfamer History
:
More edveax, or

Done

I Dong know the THS MOMENT
Thy sirs.

Botany

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?
?

Kobotis: : angrily related tu it \& cieryth.ng
no
!

$?$
HO

More isycrisiy.

# Interest in Other Courses/Degrees <br> CCC Incarcerated 2009 Math 

Question: Are there other courses or degree programs that you would like Coastline to offer?

1riscologi

* I believe that all the courses and degrees that I need or would want to take Coastline already has.
* Paralegal courses as they are of great interest to the majority of incarcerated individuals. Additionally, it is one of the careers individuals with felonies may qualify for.

> A B.A program

Business is good enough for me

An Aeconntine course Would bl useful, it is the! oxsauge of Quinces.



Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?

Accounting(tax's, puyRoll, etc...)

I think Coastline have an extinsive

N/A

Cmive la classes
moe natuial ictied in … intruater be ises
n

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?

Yes, a BA program, and mare sciences, esp. Engivesing related.
no, everything I want is offered sofar.

A Bacielsretti ;rogiam.

* A transferable A.A. degree and some Associate of Science classes (ie., business).
* Business Certificate--State Certifications--I would be very interested in basic skills courses to improve my spelling, vocabulary, and writing even at no credit!!!!
:
no
unsure

Interest in Other Courses/Degrees CCC Incarcerated 2009 Math

Question: Are there other courses or degree programs that you would like Coastline to offer?
yes. I will CONTIMAE CurSES tL HELP ME ATtAIN MY AAA

I wald lice to see more arises onented for an crenciciovo degree.

* B.A. for Incarcerated Students; Arts classes

Busing
mure
business chases

F thank it would be nice to hare some Eris. Chis N? JUst the test Sim shderk need to learn more is vocabilara and larevace escer allen if then speak.

Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
stay with M.W. th lab. I woildr't hesitate tatire on hither rial courses as lay as

update video lessors

Why doit you try reading your on Hondtoker ad reaper ie it conflicting


# Comments or Suggestions CCC Incarcerated 2009 Math 

Question: Do you have any comments or suggestions for improving this particular program?

No


[^0]Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

Find a way to return
hals os stents - we wat hared ais init t Sn: in finite

Get rid of the Math 100 essay assignment.

Maybe quicker feed back on how well we do on courses and quiz. Less expensive textbooks.
: io yow hade ares cowrie:":
SOCAK Iwh NIRETTLY AQCUT MATH, MORE CCURSC OFFRRIGS IN caleke-lever mit wound be LOCO. DLUS, A QUI KKCR TURNARGaN fie quIzzes and Hinswark.
 acenmolate work achcdicur

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
: in o you have ria amman: a
: Lo vow rave ar y omar

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-r
$$

 of distance lacarnay cianits. I have higher recombine nee ne

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
: G you have any comments of
: Do you have any comments or . .
No

Please civere : $1.66 \ldots$ = book
None



Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

$$
\begin{aligned}
& \text { It would - great - the rave cart of the } \\
& \text { royise rio: } 0 \text { !rig. ? }
\end{aligned}
$$

: Do you rave sir : ?
: movou have any sombre":
The program is excellent, but there is always room for improvement.

Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
: Wo you have any comments or s.
Add higher level courses

Continue to add new courses each semester, The more the variety the better.

The think the basic skills coups movie be a great adition to coastline

Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

Provide a way to gat bork e tom the exine Completely withant any funded en outride. help.

You have all tome a guru: jon ut t proline $x$ nunther of or-isel claw es Yank!

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

Pearson needs to have instruction videos on every section.
: Do you have any commences

$$
N 1 /
$$



Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
: Do you have arr comr ...
I Love Coostlive!

Deal with inmates directly who con
afford d to pay for their our timon of materials
: Do you have any commempo

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
: Do you have any comments or ar, 1

$$
i \sqrt{C}
$$

: Movaravar........
No
pec: ec
: Do you have arvo rom en:...
newts video
project opteriot

Comments or Suggestions CCC Incarcerated 2009 Math

Question：Do you have any comments or suggestions for improving this particular program？
：Do you have arm comrifuts or ．．＂s
Wo it cuss ？eat，Frank＇．．

Do you have amy comment ：Ge sep
not ar 酞－inc

No－Keep wp th good work．Thanks！

I enjeged，the cause．Mi en＇s isis ier working with $2^{\text {ad }}$ life．

No

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
: So you have ary combrit i;

: Po you have any comment or ...ngr $\because$. '

nore

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

: To you five amy comments

Shoyoutawn s.
:o you have any comm:
Like Santa Berbarn City College; Let studats take foll courses), lat a time, lime Pie Algebra, A gebra, Geometry, etc. Book (Text) Not taking time to instruct.memorion:in hod 4 mo

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?



Repeat : move advanced level course that ore transterable. There are those, like myself, who ave ready to hove on in education But, there. is nowhere in. California to toronto. Everything out of sher
: Oe you !ute ai ; ara... -
No.
: Bo you have amy chtirate.

# Comments or Suggestions CCC Incarcerated 2009 Math 

## Question: Do you have any comments or suggestions for improving this particular program?

None at the moment.

Allow incorearated student to detain all of the information necessary to enroll on their own without help for the institution. of course I ratio you will need a proctor.

Do wo have anu comments or

Not at momeros

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

N

: Do vol have any comments a: ser:

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?
: Loo vo have any comments or suck, Mi.......

 if ir does it is ter ra.

 books that list main examples \& incense ot s of serai.
no


Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

$$
\pi_{0}
$$

Send quic resits out samix, so … con fix the probim batie exams are sc:.
$\qquad$
: io you have anv commentc or :
No

# Comments or Suggestions CCC Incarcerated 2009 Math 

Question: Do you have any comments or suggestions for improving this particular program?
: Do you have any comments or : he

Do vou rave any comment: s

* I would like to thank Coastline for offering and having all the courses I need.
* I believe it would be great if Coastline would permit its students to earn degrees in more than one major/area as other community colleges do.

: Do you have any comments ar as:

Comments or Suggestions
CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

$\qquad$
Excellent Regrow, could uso more larginge now ie, suctar tia Behreeso
: lo you rave are comer:
Keep up the good work:
: Ho mu hate arb brain.



# Comments or Suggestions CCC Incarcerated 2009 Math 

Question: Do you have any comments or suggestions for improving this particular program?

[^1]: Do you have any comments or 1 .
: Do you have any ommisn - u
My instructor was terrible. He needs to be more flexible with distance learning students, respond to questions timely and ing; private, thoroughly discuss all problems before given son a final.


- Do you have ar cumber:



Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

Everghong is great.

Fealback on homework mat Quires would be helpful.


None, Just to Request that you Plea- Keep this Program avalabie to us here in CDC, Even if you set up a Min. GPA system. ITs all sima of w have to better ourselves, and greatly improve our cirinces of success on the streets.

* As mentioned, feedback on quiz problems that were wrong. Tests are based on quizzes so student needs to make sure he has a firm grasp on problem. There is no feedback on wrong quiz problems.
* I am very thankful for this program. Our proctors have at V.S.P.W. are awesome! Thank everyone! If it weren't for this program, a person like myself would never went to college! :-)

Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

Good Job!

I'm open to all Skills are studys beingoffered.
: Do you have any comment

No.
: bo you have dry commitment:
no
: foo you have any comments or os if for tor

Comments or Suggestions CCC Incarcerated 2009 Math

Question: Do you have any comments or suggestions for improving this particular program?

: w he have any comments or and

* Continue with ISEP. PLEASE!
: Oo you have any comment



## Mathematics Program Review Student Survey

1. At what location or in what delivery mode are you taking your current class(es) in this specific program? (Mark all that apply.)

2. Are you presently enrolled in a basic skills math class or a degree-applicable class?

|  | Response Percent | Response Count |
| :---: | :---: | :---: |
| Basic Skills or Math Assessment (Math 004, 005, 006, 008, 010, 080) | 46.5\% | 53 |
| Option I Degree--Not Transferable (Math 030, 040) | 6.1\% | 7 |
| Transfer/Degree-Applicable (Math Math 100 and above) $\square$ | 47.4\% | 54 |
|  | answered question | 114 |
|  | skipped question | 3 |

3. Please rank up to three reasons why you are taking classes in this program at Coastline.

|  | 1st Reason | 2nd Reason | 3rd Reason | Response Count |
| :---: | :---: | :---: | :---: | :---: |
| To satisfy A.A. degree requirements | 66.7\% (40) | 23.3\% (14) | 10.0\% (6) | 60 |

Result Summary for Survey:Mathematics Program Review Student Survey

To satisfy transfer requirements

To earn a certificate

To prepare for a new job or improve job skills

For personal interest

Convenience Other
62.0\% (44)
20.0\% (3)
6.3\% (2)
48.0\% (12)
10.0\% (3)
53.3\% (8)
35.2\% (25)
26.7\% (4)
40.6\% (13)
12.0\% (3)
53.3\% (16)
6.7\% (1)
0.0\% (6
answered question
skipped question
4. To what extent do the classes you are taking in this program meet your expectations?

The classes are even better
than I expected
The classes are even better
than I expected $\square$ 51.4\%
45.9\%
expected
$\square$
Response
Response Percent Count 57

The classes are pretty much what I

$\square$
$\square$
The classes are not as good as I expected If you indicated that the class is not as good as you expected, please describe your concerns. $\square$ view 6
5. Please indicate your status or interest in each of the following A.A. degree Areas of Emphasis.

|  | Presently working on | Interested but haven't started yet | Not interested | Response Count |
| :---: | :---: | :---: | :---: | :---: |
| American Studies | 9.5\% (6) | 23.8\% (15) | 66.7\% (42) | 63 |
| Arts and Humanities | 23.5\% (16) | 29.4\% (20) | 47.1\% (32) | 68 |
| Communications | 15.9\% (10) | 28.6\% (18) | 55.6\% (35) | 63 |
| Physical Education and Health | 16.4\% (11) | 25.4\% (17) | 58.2\% (39) | 67 |
| Science and Math | 50.0\% (44) | 17.0\% (15) | 33.0\% (29) | 88 |
| Social and Behavioral Sciences | 23.9\% (16) | 28.4\% (19) | 47.8\% (32) | 67 |

6. Please indicate your status or interest in each of the following A.A. degree Majors.

|  | Presently working on | Interested but haven't started yet | Not interested | Response Count |
| :---: | :---: | :---: | :---: | :---: |
| Art | 14.3\% (10) | 18.6\% (13) | 67.1\% (47) | 70 |
| Business Administration | 30.7\% (23) | 25.3\% (19) | 44.0\% (33) | 75 |
| Economics | 10.1\% (7) | 15.9\% (11) | 73.9\% (51) | 69 |
| English | 19.7\% (14) | 23.9\% (17) | 56.3\% (40) | 71 |
| French | 0.0\% (0) | 9.2\% (6) | 90.8\% (59) | 65 |
| Gerontology | 0.0\% (0) | 9.5\% (6) | 90.5\% (57) | 63 |
| Health and Fitness | 14.1\% (10) | 23.9\% (17) | 62.0\% (44) | 71 |
| History | 11.6\% (8) | 30.4\% (21) | 58.0\% (40) | 69 |
| Human Services | 7.4\% (5) | 26.5\% (18) | 66.2\% (45) | 68 |
| Liberal Studies (for Teaching) | 14.3\% (10) | 8.6\% (6) | 77.1\% (54) | 70 |
| Mathematics | 42.3\% (33) | 7.7\% (6) | 50.0\% (39) | 78 |
| Psychology | 13.9\% (10) | 29.2\% (21) | 56.9\% (41) | 72 |
| Spanish | 9.1\% (6) | 13.6\% (9) | 77.3\% (51) | 66 |
| Sociology | 12.5\% (9) | 31.9\% (23) | 55.6\% (40) | 72 |
|  |  |  | answered question | 106 |
|  |  |  | skipped question | 11 |

7. Please rate your level of satisfaction with each of the following as related to classes in this program. (Skip any items that are not applicable to you.)

|  | Very Satisfied | Satisfied | Dissatisfied | Very <br> Dissatisfied | Response <br> Count |
| ---: | :---: | :---: | :---: | :---: | :---: |
| Quality of instruction | $\mathbf{5 6 . 3 \% ( 5 8 )}$ | $39.8 \%(41)$ | $2.9 \%(3)$ | $1.0 \%(1)$ | 103 |
| Variety of classes | $43.0 \%(40)$ | $\mathbf{5 0 . 5 \% ( 4 7 )}$ | $5.4 \%(5)$ | $1.1 \%(1)$ | 93 |
| Relevance of classes to your <br> academic or vocational needs | $46.3 \%(44)$ | $\mathbf{4 8 . 4 \% ( 4 6 )}$ | $4.2 \%(4)$ | $1.1 \%(1)$ | 95 |


| Relevance of assignments and exams to the course material you are studying | 55.1\% (54) | 44.9\% (44) | 0.0\% (0) | 0.0\% (0) | 98 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Clarity and comprehensiveness of the instructions for completing assignments | 55.6\% (55) | 41.4\% (41) | 2.0\% (2) | 1.0\% (1) | 99 |
| Adequacy of instructional facilities | 52.7\% (48) | 40.7\% (37) | 4.4\% (4) | 2.2\% (2) | 91 |
| Staff support for the program and classes | 53.1\% (52) | 38.8\% (38) | 7.1\% (7) | 1.0\% (1) | 98 |
| Extent to which faculty and staff meet the needs of culturally diverse students | 50.6\% (42) | 47.0\% (39) | 2.4\% (2) | 0.0\% (0) | 83 |
| Extent to which faculty and staff meet the needs of non-traditional students (e.g., older adults, working adults, active duty military, etc.) | 51.1\% (46) | 43.3\% (39) | 5.6\% (5) | 0.0\% (0) | 90 |
| Overall quality of the program | 55.4\% (56) | 41.6\% (42) | 3.0\% (3) | 0.0\% (0) | 101 |
| Your own success in the program | 46.5\% (46) | 45.5\% (45) | 8.1\% (8) | 0.0\% (0) | 99 |
| If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns. |  |  |  |  | 12 |
| answered question |  |  |  |  | 108 |
| skipped question |  |  |  |  |  |

8. Are you taking one or more classes in this program in a distance learning or hybrid format?

9. If you are taking a class in this program in a distance learning format, please indicate the extent of your satisfaction with each of the following elements. (Skip any items that are not applicable to you.)

|  | Very Satisfied | Satisfied | Dissatisfied |
| :---: | :---: | :---: | :---: |
| Quality of instruction in my distance <br> learning course | $\mathbf{5 4 . 3 \% ( 3 8 )}$ | $41.4 \%(29)$ | $4.3 \%(3)$ |
| Count |  |  |  |


| Amount of interaction with other students in the class | 40.6\% (26) | 53.1\% (34) | 6.3\% (4) | 0.0\% (0) | 64 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Amount of interaction with the instructor | 56.1\% (37) | 40.9\% (27) | 3.0\% (2) | 0.0\% (0) | 66 |
| Speed with which the instructor responds to questions | 63.6\% (42) | 33.3\% (22) | 3.0\% (2) | 0.0\% (0) | 66 |
| Helpfulness of feedback on quizzes, assignments, and/or exams | 60.6\% (40) | 31.8\% (21) | 7.6\% (5) | 0.0\% (0) | 66 |
| Reliability of the technology used to deliver the course | 60.0\% (39) | 38.5\% (25) | 1.5\% (1) | 0.0\% (0) | 65 |
| Adequacy/functionality of the online quizzes | 57.8\% (37) | 37.5\% (24) | 4.7\% (3) | 0.0\% (0) | 64 |
| Adequacy/functionality of Scantron quizzes (if used in your class) | 56.5\% (26) | 43.5\% (20) | 0.0\% (0) | 0.0\% (0) | 46 |
| Availability of technical support, if needed | 51.7\% (30) | 44.8\% (26) | 3.4\% (2) | 0.0\% (0) | 58 |
| If you answered that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe the view reasons for your dissatisfaction. |  |  |  |  |  |
| answered question |  |  |  |  | 70 |
| skipped question |  |  |  |  | 47 |

10. Have you used the $24 / 7$ online SMARTTHINKING math tutoring to assist you with your math classes?

|  | Response <br> Percent |
| ---: | :--- | ---: | :--- |
| Count |  |

11. What type of service(s) have you used from SmartThinking? (Mark all that apply.)


12. Please indicate the level of your satisfaction with SmartThinking.

|  | Very Satisfied | Satisfied | Dissatisfied | Very Dissatisfied | Response Count |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Availability of tutors for "drop-in" online tutoring | 29.4\% (5) | 47.1\% (8) | 17.6\% (3) | 5.9\% (1) | 17 |
| Speed with which questions submitted in writing are answered | 28.6\% (6) | 66.7\% (14) | 4.8\% (1) | 0.0\% (0) | 21 |
| Overall knowledge and skill of the tutors who have assisted you | 21.1\% (4) | 63.2\% (12) | 15.8\% (3) | 0.0\% (0) | 19 |
| Extent to which SmartThinking meets your needs for math tutoring | 21.1\% (4) | 52.6\% (10) | 21.1\% (4) | 5.3\% (1) | 19 |
| If you marked Dissatisfied or Very Dissatisfied for any of the items, please describe your concerns. view |  |  |  |  | 5 |
| answered question |  |  |  |  | 21 |
| skipped question |  |  |  |  | 96 |

13. Did you use the tutoring available from the textbook publisher, CourseCompass, and/or MyMathLab?

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| Yes | $\square$ | 58.3\% | 63 |
| No: Didn't need it | $\square$ | 29.6\% | 32 |
| No: Didn't know about the service | $\square$ | 12.0\% | 13 |
|  |  | answered question | 108 |
|  |  | skipped question | 9 |

14. How satisfied were you with the tutoring available from the publisher, CourseCompass, and MyMathLab?

| Response | Response |
| :---: | :---: |
| Percent | Count |


15. How does the tutoring available from the publisher, CourseCompass, and/or MyMathLab compare with the SMARTTHINKING tutoring?

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| Publisher/CourseCompass/MyMathLab tutoring is better. |  | 27.6\% | 16 |
| SMARTTHINKING tutoring is better. | $\square$ | 1.7\% | 1 |
| I haven't used both, so I can't compare them. | $\square$ | 70.7\% | 41 |
|  |  | answered question | 58 |
|  |  | skipped question | 59 |

16. Which best describes your knowledge of or experience with Coastline's Student Success Center?

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| I have used the Student Success Center. |  | 14.8\% | 16 |
| I wanted to use the Student Success Center, but the hours and days did not meet my needs. |  | 20.4\% | 22 |
| I did not need help from the Student Success Center. | $\square$ | 38.0\% | 41 |
| I did not know about the Student Success Center. |  | 26.9\% | 29 |
|  |  | answered question | 108 |
|  |  | skipped question | 9 |

17. What were your reasons for using Coastline's Student Success Center? Mark all that apply.

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| For tutoring | $\square$ | 68.8\% | 11 |
| To use the computers | $\square$ | 18.8\% | 3 |
| To meet friends for study sessions | $\square$ | 25.0\% | 4 |
| Other (please specify) |  | 0.0\% | 0 |
|  |  | answered question | 16 |
|  |  | skipped question | 101 |

18. How satisfied were you with the Student Success Center?

19. Do you have any suggestions for improving Coastline's Student Success Center?

|  | Response <br> Count |
| ---: | ---: |
| answered question | 4 |
| skipped question | 4 |
| skiew | 113 |

20. Age

|  |  | Percent | Count |
| :---: | :---: | :---: | :---: |
| Under 18 | $\square$ | 2.8\% | 3 |
| 18-30 | $\square$ | 37.7\% | 40 |
| 31-45 | $\square$ | 33.0\% | 35 |
| 46-60 | $\square$ | 24.5\% | 26 |
| 61 or older | $\square$ | 1.9\% | 2 |
|  |  | answered question | 106 |
|  |  | skipped question | 11 |


| 21. Gender |  |  |  |
| :---: | :---: | :---: | :---: |
| Male |  | Response <br> Percent | Response <br> Count |
| Female |  | $31.1 \%$ | 32 |
|  |  |  | $68.9 \%$ |



## 23. Primary Language


24. Are you in high school?

25. Are you active duty military?

|  |  |  | Response <br> Percent | Response <br> Count |
| :---: | :---: | :---: | :---: | :---: |
| Yos |  |  |  |  |
| No |  |  |  |  |
|  | $\square$ | $1.9 \%$ | 2 |  |
|  |  |  | $98.1 \%$ | 104 |
|  |  | answered question | 106 |  |
|  |  | skipped question | 11 |  |

26. What is your c urrent employment status?

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| Not working outside the home | $\square$ | 22.6\% | 24 |
| Working as a volunteer (non-paid position) | $\square$ | 3.8\% | 4 |


28. Are you currently enrolled at another college in addition to your Coastline classes? (Mark all that apply.)

|  |  | Response Percent | Response Count |
| :---: | :---: | :---: | :---: |
| No: Enrolled only at Coastline | $\square$ | 48.5\% | 49 |
| Golden West College | $\square$ | 19.8\% | 20 |
| Irvine Valley College | $\square$ | 1.0\% | 1 |
| Orange Coast College | $\square$ | 14.9\% | 15 |
| Saddleback College | $\square$ | 1.0\% | 1 |
| Santa Ana College | $\square$ | 2.0\% | 2 |
| Santiago Canyon College | $\square$ | 4.0\% | 4 |
| Other community college | $\square$ | 9.9\% | 10 |

29. In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

|  | Response <br> Count |
| ---: | ---: |
| view | 63 |
| answered question | 63 |
| skipped question | 54 |

30. Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program.

| Response |
| ---: | ---: |
| Count |$|$

31. Are there other courses or degree programs that you would like Coastline to offer?

|  | Response <br> Count |
| ---: | ---: |
| answered question | 49 |
| skipped question | 49 |
| view | 68 |

32. Do you have any comments or suggestions for improving the Math Program?
```
< Back to Summary
```

At what location or in what delivery mode are you taking your current class(es) in this specific program? (Mark all that apply.)
\# Response Date Other (please specify)
1 Dec 10, 2009 5:22 PM All exams are taken at Le-Jao Center.

2 Dec 12, 2009 5:21 AM Distance Learning

```
< Back to Summary
```

To what extent do the classes you are taking in this program meet your expectations?
\# Response Date

1 Dec 8, 2009 1:26 AM

2 Dec 8, 2009 4:33 PM

3 Dec 9, 2009 5:47 AM

4 Dec 10, 2009 5:41 AM Tests not related to homework, they are very challenging
5 Dec 10, 2009 7:11 PM Teaching calc 3 online wasnt as good as calc 2 was.
$6 \quad$ Dec 10, 2009 8:12 PM concerns.

This class was amazing! This should be mandadory!! Much better than I expected.

I teach.

The learning environment is excellent for me.
the class has way too much homework. other than that, it is very useful.

If you indicated that the class is not as good as you expected, please describe your

Please rate your level of satisfaction with each of the following as related to classes in this program. (Skip any items that are not applicable to you.)

## \# Response Date

1 Dec 8, 2009 4:04 AM

2 Dec 8, 2009 6:05 AM

3 Dec 8, 2009 4:34 PM

4

Dec 13, 2009 5:26 AM

Dec 18, 2009 11:11 PM

11 Dec 19, 2009 7:57 PM

## If you answered Dissatisfied or Very Dissatisfied to any of the above items, please describe your concerns.

Mr Feldon is an excellent teacher. He answers all questions in a timely manner and explains everything very well. I think he is a great teacher for more mature students.

Do not have classes in waste water management which is the field that I would like to start classes and training in

I teach.

Professor's expectancy on the times of testing is not clear. Those students who were able to arrive earlier had more time to finish their exam work.

1You keep closing classes at odd times like the animation classes. 2My dissatisfied with my own work is just me being annoyd with myself.

Higher Math is vitally needed in the community. Can this be broken into smaller units for working adults? I commute and work full time in technology. Homework can consist, for one week, of 75 to 175 problems to enter in a computer interface. As well as quizzes and test preparation. If some of the higher math were offered on a test as you go, or more than one semester option, this might work better for some students. However, I appreciate the distance learning opportunity and plan to stay with it, even if taking some material twice will be necessary.

My concern is that there are few evening classes for beginning math where person to person instruction is needed the most. There are tutors at Le Jao but they have very thick vietnamese accents and I could not understand anyone there. The parking there is impossible. My instructor should have a list of available tutors to help us with math to compliment the online studies.
i could improve my own success in the programs if i had more time to dedicate.

I found the pre-algebra class I'm having to struggle with as an "older adult" returning to college extremely difficult and frustrating. I would love to see some type of exception made as to older adults having been out of high school for 25 years or more, being exempt from something like this. I can see having to take a basic math class, but trying to now learn algebra at this point in my life is very discouraging.

Professor does not email within 6 to 7 hours.

I didn't answer Disatisfied or Very Dissatisfied, however I would like to share some comments. My instructor Mrs. Forbes is awesome! I love online learning. The online examples in the Math program are inadequate. There is a lack of consistency in the way the examples are provided. "Steps" to solving the problems are skipped. I suggest you have someone do a complete review of the examples in the program from the perspective of a remedial learner. Your tutorical center needs some adjustments in my opinion. I am very remedial in math. When I went to the tutoring center for help there was one tutor for about 12-15 students. I needed one-on-one tutoring and was told it was not available. I had to find my own tutor and pay for the help I needed which was okay with me even though it was a financial hardship...until I found out that if you are a student at Orange Coast College you can receive an hour per
week of one-on-one tutoring for free. This situation has caused me to re-evaluate where I am going to take my Math 10 course. As I said earlier, I love online learning, it is my preferred learning method.
However, if Orange Coast College has a self paced Math 10 course and I can receive free one-on-one tutoring then it seems to make more sense for me to take the course at OCC instead of Coastline. I hope this information benefits the program.

UNABLE TO PASS CLASS THERE ISNT ANY INSTRUCTION AT COASTLINE FOR MATH 008 OTHER THAN ONLINE. THE ONLINE INSTRUCTOR SUCKS. I WILL FIND IN CLASS INSTRUCTOR FOR MATH 008 AND ALSO LAB TO COMMUNICATE ALGEBRA AND LEARN TO SOLVE PROBLEMS IN A PROFFESSIONAL MANNER.
« Back to Summary

If you are taking a class in this program in a distance learning format, please indicate the extent of your satisfaction with each of the following elements. (Skip any items that are not applicable to you.)
\# Response Date

1 Dec 8, 2009 5:09 AM

2 Dec 9, 2009 5:27 PM

3 Dec 10, 2009 5:44 AM

If you answered that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe the reasons for your dissatisfaction.

I don't like the fact where he put my time spent on my assignments to all of the students. That's uncalled for. He also doesn't get into details on how to get the answer. He makes us go to a practice question to figure it out. If we could do that on our own, then why would we even bother to ask for further clarification from the professor?!? I also don't like how the class discussion forum is not too interactive. NOBODY has questions. Only questions about mid-term and finals. That's it! I'm sure everybody is stuck on a question or two...but the professor makes it seem like they would be embarassed when they ask for help. Even I wouldn't want to ask for his help anymore. I had to research my question online and other outside resources.

Same as previous.
no solutions for quizzes
« Back to Summary

Please indicate the level of your satisfaction with SmartThinking.
\# Response Date

1 Dec 10, 2009 2:06 AM

2 Dec 10, 2009 8:20 PM

3 Dec 13, 2009 5:28 AM

4 Dec 16, 2009 6:46 AM

5 Dec 19, 2009 8:00 PM

## If you marked Dissatisfied or Very Dissatisfied for any of the items, please describe your concerns.

Several times I submitted a question and had to wait 30 minutes for a tutor. Once the person read they question they informed me it was over their head and they had no idea how to solve the probelm. They asked me to sign out and sign back in with a different tutor. SO once I did that the next guy said the same thing. It was crazy consdiering this is liberal arts math not phyics. One guy even asked me if the question was a phyics question.

I was unable to write the question as there was no way to write math expressions such as $X$ or $Y$ to the power of 3 .

The website is very complicated and I am very computer literate.

I found it diffult to access this tutoring assistance.

I am very remedial in Math. The online tutor did not break down each step. For me, I need live one-on-one tutoring.

```
< Back to Summary
```

How satisfied were you with the tutoring available from the publisher, CourseCompass, and MyMathLab?
\# Response Date
If you indicated that you were Dissatisfied or Very Dissatisfied, please describe your concerns.

1 Dec 10, 2009 2:06 AM I tried one suggestion but I had to pay for it

2 Dec 13, 2009 5:31 AM I needed more drop in service.

```
« Back to Summary
```


## How satisfied were you with the Student Success Center?

\# Response Date
If you indic ated that you were Dissatisfied or Very Dissatisfied, please describe your concerns.

1 Dec 13, 2009 5:34 AM
They need instructors who speak clear english, I could not understand the thick vietnamese accent.

The day I went there were about 12-15 students and 1 tutor. I needed one-on-one tutoring and was told it
2 Dec 19, 2009 8:04 PM is not available. Orange Coast College provides 1 hour per week of free one-on-one tutoring for their students why doesn't Coastline?

```
< Back to Summary
```

Do you have any suggestions for improving Coastline's Student Success Center?
\# Response Date Response Text

1 Dec 7, 2009 9:35 PM Tutoring on Saturday

2 Dec 13, 2009 5:34 AM
Yes get instructors who speak clear english and make available tutors who could go to someone home for one on one tutoring.

3 Dec 17, 2009 10:52 PM I want to improve Math and English.

4 Dec 19, 2009 8:04 PM See my remarks in the beginning of the survey.

```
< Back to Summary
```


## Ethnicity

## \# Response Date Other (please specify)

1 Dec 10, 2009 5:12 AM Caucasian and Hispanic

2 Dec 10, 2009 8:22 PM Arabic

```
< Back to Summary
```

Primary Language

## \# Response Date Other (please specify)

1 Dec 8, 2009 6:42 PM
Mongolian

2 Dec 10, 2009 8:22 PM Arabic

3 Dec 12, 2009 12:09 PM Chinese

In your own words, please tell us what you most want to learn or accomplish from taking courses in this partic ular program at Coastline?

## Response Date

1 Dec 7, 2009 10:04 PM

## Response Text

More meetings with Instructors and Classmates.

Just taking classes at coastline to accomplish my associates
I am hoping to finish out my math requirements in order to transfer to a UC school for engineering.

This survey does not apply o me.

To fulfill my General Ed requirements for math.

A convenient program that satisfies my schedule.

To improve personal skill

Finish my coursework curriculum.

Obtain requirements for acceptance to Cal Stae Fullerton ADN to BSN Nursing program

I need it for my degree.

I want to use this course to fulfill my GE Breadth requirements at the Cal State I am currently attending.

To get a passing grade in Calculus 3 to help move closer to the goal of a bachelors degree.

To easily learn multi vari calc online

Don't know, when I know I will tell you.

MATH -- a few semesters of higher math, some physics and engineering

I want to be able to transfer to four year college

Complete the course to satisfy Math transfer requirement.

The online program from Coastline is very effective. Especially, the professor is kindness to help every students who are struggling with their math.

Able to learn the book in easier way

I WANT TO GET MY AA DGREE

To pass the Math class.

I want to increase my knowledga and use the tools i learn to help me become a better employer.

Math skills are necessary for continuation with AA Degree

## Comment Summary

24 Dec 12, 2009 11:57 PM

Dec 12, 2009 11:57 PM

Dec 13, 2009 12:00 AM

Dec 13, 2009 4:22 AM

Dec 13, 2009 5:16 AM

Dec 13, 2009 5:39 AM

Dec 13, 2009 6:37 AM

Dec 13, 2009 8:42 AM

Dec 13, 2009 4:41 PM

Dec 13, 2009 6:21 PM

Dec 14, 2009 12:20 AM

Dec 14, 2009 12:30 AM

Dec 14, 2009 1:08 AM

Dec 14, 2009 1:31 AM

Dec 14, 2009 5:00 AM

Dec 14, 2009 6:15 AM

Dec 14, 2009 8:03 AM

Dec 14, 2009 7:45 PM
Dec 14, 2009 8:14 PM

Dec 14, 2009 11:21 PM

Dec 15, 2009 12:48 AM

Dec 15, 2009 2:06 AM

Dec 15, 2009 3:24 AM

Dec 15, 2009 5:52 AM

Dec 15, 2009 6:14 PM

Dec 16, 2009 2:57 AM

I'mi in the Retail Management Program and have only 1 class left after this one to get my certificate and then I will be working towards my AA
find a new career path

I am looking to improve my math skills and achieve transfer status
obtain my aa

To refresh my brain with common math knowledge that left my brain since I graduated from high school three years ago.
to get my AA degree

My goal is to succeed in completing all my courses for my AA degree.
Just want to earn a degree

I want enough to learn whatever I can to take advantage of this way of studying.
more math skills!
i just need the credits for the class

An associate's degree in Science.
the ability to understand concepts in order to build to Math 140

Achieve a passing grade in college algebra and transfer units to 4 year college to earn Bachelor's Degree.

I am taking classes for personnel goal.
i need to satisfy a requirement for my university, i want to learn the class i am taking
How to actually do the work and not just pretend too. To gain a better understanding of math in general.
i want to be able to to take math 10 and statistics so i can transfer to a CA ST school

I've learned that an on-line course means it's "self taught"

Accumulate credits for my AS dregree.

Complete math requirements for $A A$

I want to ear a retial management cert.
completion of math requirement needed to transfer to CSUF to complete my degree.
Pre req for Statistics which is required for my Master in Nursing program.

I want to accomplish my AA degree.
i would like to accomplish the basic math skills i am going to need in my career

## Comment Summary

50 Dec 16, 2009 5:19 AM I want to refamiliarize myself with Math in order to take the required class for my A/A.

51 Dec 16, 2009 6:51 AM I would love to fulfill my dream of having a college education and having a "career" versus a job.

52 Dec 16, 2009 11:18 PM I want to receive AA in Process Technology

53 Dec 17, 2009 12:10 AM
Complete Bachelors degree requirements
54 Dec 17, 2009 8:44 AM I'm taking classes to obtain a supplementay authoization to teach Math.

55 Dec 17, 2009 11:00 PM Deep understanding

56 Dec 18, 2009 12:55 AM the distance learning

57 Dec 18, 2009 4:39 AM
im just trying to gt my prerequisits completed

I wish to accomplish all classes needed for my A.A.

Dec 18, 2009 9:44 AM n/a

60 Dec 19, 2009 1:29 AM I just want to pass =)

61 Dec 19, 2009 7:54 PM
I just want to be able to have material be shown in an easy and understanding.

See my comments in the beginning of the survey. The live tutorial service needs to be improved. Ratio of students to tutor and you should offer one-on-one tutor for students like OCC does.

63 Jan 9, 2010 7:27 PM
I WILL TAKE ALGEBRA SOMEWHERE ELSE

Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program.
\# Response Date

1 Dec 8, 2009 1:35 AM

2 Dec 8, 2009 6:10 AM

3 Dec 8, 2009 2:23 PM

4 Dec 8, 2009 5:21 PM

5 Dec 8, 2009 7:22 PM

6 Dec 8, 2009 9:11 PM
$7 \quad$ Dec 9, 2009 6:22 AM

8 Dec 9, 2009 5:29 PM

9 Dec 10, 2009 12:58 AM

10 Dec 10, 2009 2:10 AM

11 Dec 10, 2009 5:15 AM

12 Dec 10, 2009 5:50 AM

13 Dec 10, 2009 7:14 PM

14 Dec 10, 2009 7:33 PM

15 Dec 10, 2009 8:12 PM

16 Dec 10, 2009 8:29 PM

17 Dec 12, 2009 2:12 AM

## Response Text

This class helped build my confidence in math. It gave me math I could use! I wish I would have had a class like this 20 years ago!

Professors have been very helpful and knowledgable

The fact that I can access the coursework from anywhere at anytime. So far I have taken two courses and love how it is at my fingertips all the time.

Easy to use.
Professors are great!!!!!!!!! Extremely helpful
My professor mr. Feldon was very understanding, helpful and accomadating.

The Smarthinking tutor program gives me the comfort of sitting home while getting help on math homework

No need to drive to campus.
Despite my dislike of Math, I do feel that what I have learned is more useful in "real life" than other Math classes I remember taking

I really thought the math professor is great. I like the BLACKBOARD system much better the seaport is hard to follow

Being able to earn an A on a Math Midterm has been a great experience for me!
In Calculus 2 Dr Villalobos was very helpful and with his extra input I was able to learn enough to pass his class.

Online HW was very good
The digital lab class and the short story class were both very positive.
Mark Cisneros spends time on his students and the Discussion Boards, emails and is responsive. The course is structured by him for success -- no surprises. The distance learning for higher math is just a great idea.

I love the fact that i can study any time of the day. at this time of my life, i cant stop working as i have to support my familly. if this course was not offered online i would have never been able to work on my engineering degree now.

The instructor is very helpful and you can can clearly see he wants all of his students to succeed and understand and pass the course.

The experience that online and in class programs are the same. But I like to take online because my

20 Dec 12, 2009 12:12 PM

21 Dec 12, 2009 10:04 PM

22 Dec 12, 2009 10:50 PM

Dec 12, 2009 11:57 PM

Dec 12, 2009 11:57 PM

Dec 13, 2009 12:00 AM

Dec 13, 2009 4:22 AM

Dec 13, 2009 5:16 AM

Dec 13, 2009 5:39 AM

Dec 13, 2009 6:37 AM

Dec 13, 2009 8:42 AM

Dec 13, 2009 4:41 PM

Dec 13, 2009 6:21 PM

Dec 14, 2009 12:20 AM

Dec 14, 2009 12:30 AM

Dec 14, 2009 1:08 AM

Dec 14, 2009 1:31 AM

Dec 14, 2009 5:00 AM

Dec 14, 2009 6:15 AM

Distance Learning and Online classes were convenient because of my work schedule.

Able to talk with other students regard the class

## I ENJOY THE ONLINE PROGRAMS

I would like to extend my gratitude to Fredrick Lockwood AKA- Rick. He has inspired me to be better . I was at a point of dropping out prior to having him as an instructor. He is great at explaining things in lamen terms and works on bringing you to the next level. I have learn alot from him and feel confident that I can successfully continue my path to a Degree.

Ability to continue a full-time career, family, and education with online courses

I like the convenience of taking class online so that I can study when I have the time not at a specificied time since I work full time also.
the ease of taking the online class was nice

The online classes fit my schedule
the staff is very helpful and caring

Ability to take midterm and final when needed.

The convenience of the classes, cable, online, internet.

One of the great and interesting courses was Arts 101, and Business (Marketing). For me was a good learned experience.

The opportunity to succeed with online distant learning class

To beable to do classwork at any time of the day
The ease in which I can take a class while still working full time. This is perfect for a working adult to learn more. I have learned so much these past few years - all because of DL! I remember not so long ago when DL was not an option. I could have received my degree years ago had this technology been around then.....
they have been very easy to access and have been layed out in a monor that was easy for learning

The convenience of being able to complete some courses online in my own time and still work a full time job.

I like the hybrid format so getting to know the teachers and students, and form study groups is really great.

The amount of, and diversity of help products available to the student.

Feeling better about myself.
they are very flexible and understanding

## Comment Summary

40 Dec 14, 2009 8:03 AM

41 Dec 14, 2009 7:45 PM

42 Dec 14, 2009 8:14 PM

43 Dec 14, 2009 11:21 PM

44 Dec 15, 2009 12:48 AM

45 Dec 15, 2009 2:06 AM

46 Dec 15, 2009 3:24 AM

47 Dec 15, 2009 5:52 AM

48 Dec 15, 2009 6:14 PM

49 Dec 16, 2009 2:57 AM

50 Dec 16, 2009 5:19 AM

51 Dec 16, 2009 6:51 AM

52 Dec 16, 2009 11:18 PM

54 Dec 17, 2009 8:44 AM

55 Dec 17, 2009 11:00 PM

56 Dec 18, 2009 12:55 AM

57 Dec 18, 2009 4:39 AM

58 Dec 18, 2009 6:45 AM
59 Dec 18, 2009 9:44 AM

60 Dec 19, 2009 1:29 AM
61 Dec 19, 2009 7:54 PM

62

63
Dec 17, 2009 12:10 AM

Dec 19, 2009 8:11 PM

Dec 24, 2009 1:25 AM

This is my first math class. The other online classes work best with my schedule so I really like that.
all of my classes (other than the geology lab which SHOULD NEVER EVER be offered online! ESP without having taken the geology class) have been fantastic!! Thanks!

I know what my capabilities are

The online classes provide the flexibility I need in a class.

91\% on mid term

My most positive experience was being able to do classes online.

I enjoyed the one one one availability for counseling when I took an English course. Kate was great

The flexibility... It really helps to be able to work around your own schedule \& not have set daily due dates.

I really like the classes and I love the services.
the help from the teachers has been excellent, they want to see you succeed

This class has been very helpful in realizing my level.

All the courses l've taken thus far (with the exception of the pre-algebra course I just took) have been positive experiences for me.

My most positive experience has been the flexibility the classes have

The ease of the on-line system

Easy interaction with the professor and continuous support through the discussion board with professor and other students.

Practicing is the rule.
the distance learning which my first year taking it
convenience of online courses

This is my first class
n/a

I like that it starts easy and then changes to challenging.
I like my classes so far, $i$ like the online experiece.
My instructor Mrs. Forbes is awesome! Very helpful, available, responsive.

The instructors taped lectures is what helped me so much in this class. I had the books and the syllabus but you can never replaced the instructors lecture with just reading a very complicated textbooks.

## Are there other courses or degree programs that you would like Coastline to offer?

## \# Response Date

1 Dec 8, 2009 6:10 AM

2 Dec 8, 2009 2:23 PM

Dec 10, 2009 5:15 AM

9

Dec 10, 2009 7:33 PM

20 Dec 13, 2009 5:16 AM

21 Dec 13, 2009 5:39 AM

Dec 13, 2009 6:37 AM
Dec 12, 2009 10:50 PM

Dec 12, 2009 11:30 PM

Dec 12, 2009 11:57 PM

Dec 13, 2009 12:00 AM

Dec 13, 2009 4:22 AM

## Response Text

Yes. Programs in water management

I would like to see more emphasis on technology instead of just the bare minimal courses. Saddleback offers a much more diverse selection than coastlines.

Nope.

More psychology course and sociology course
Hopefully math C285 is not canceled next semester

NO.

## Criminal Justice, Social Work

I would love Coastline to offer the Korean Language!! Currently, no junior colleges are offering this language in the area.

## Discrete Math

will you could have a class on web comic desighin and how to make money with it, or a how to spot and take advantedg of passive investment class.
higher levels of physics. beyond level 100

I don't know. This math class is my first course that I am taking at Coastline.
lab classes

NO, YOU OFFER A WIDE VARIETY OF CLASSES

No

Nutrition program
more web design and development. javascript, php, programming classes
chicano studies

N/A
n/a

Excell/Formulas, access, word and powerpoint.

## Comment Summary

Dec 13, 2009 8:42 AM

Dec 13, 2009 4:41 PM

Dec 13, 2009 6:21 PM

Dec 14, 2009 12:20 AM

Dec 14, 2009 12:30 AM

Dec 14, 2009 1:08 AM
Dec 14, 2009 5:00 AM
Dec 14, 2009 6:15 AM

Dec 14, 2009 8:03 AM

Dec 14, 2009 11:21 PM

Dec 15, 2009 12:48 AM
Dec 15, 2009 2:06 AM

Dec 15, 2009 6:14 PM

Dec 16, 2009 2:57 AM

Dec 16, 2009 5:19 AM

Dec 16, 2009 6:51 AM

Dec 16, 2009 11:18 PM

Dec 17, 2009 12:10 AM

Dec 17, 2009 8:44 AM
Dec 17, 2009 11:00 PM

Dec 18, 2009 4:39 AM
Dec 18, 2009 6:45 AM
Dec 18, 2009 9:44 AM

Dec 19, 2009 1:29 AM

Dec 19, 2009 8:11 PM

Child Life specialist cert.

Can't think right off the top of my head yet.
perhaps more High-level spanish courses (online) so I dont have to go to OCC - or perhaps a German course as well (online). Occ is nice but their online course list cannot come close to what CCC offers!
i have no honest idea

Histology courses/program.

Organizational Leadership, Human Resources or Green Energy
no
n/a

I would like more sociology classes in order to get a bachelor in behavioral sciences.

I like to see an online English course.

After Effects

No

Not sure yet.
a nursing program.
Maybe more variety of music.

Possibly a court reporting course

## No

all the courses that I need are offered

## N/A

English
more nursing programs
unsure
n/a
no

Dance classes, something to get your mind of things, stress etc.

I am an English major. My goal is to teach secondary and the community college level. First I will complete my degree in English and obtain my teaching credential. Then I will pursue my Masters degree so that I can teach at the community college level. Teach 3 is a great program for elementary teachers. I wish there was a similar program that was more applicalbe to $9-12$ grades and for teaching at the

## Do you have any comments or suggestions for improving the Math Program?

## Response Date

Dec 8, 2009 2:23 PM

Dec 8, 2009 5:21 PM

Dec 8, 2009 7:22 PM

Dec 9, 2009 6:22 AM

Dec 9, 2009 5:29 PM

Dec 10, 2009 2:10 AM

Dec 10, 2009 5:15 AM

Dec 10, 2009 7:14 PM

Dec 10, 2009 7:33 PM

Dec 10, 2009 8:12 PM

Dec 10, 2009 8:29 PM

Dec 12, 2009 2:12 AM

Dec 12, 2009 5:30 AM

Dec 12, 2009 12:12 PM

Dec 12, 2009 10:04 PM

Dec 12, 2009 10:50 PM

Dec 12, 2009 11:30 PM

Dec 12, 2009 11:57 PM

Dec 13, 2009 5:16 AM

Dec 13, 2009 5:39 AM

## Response Text

The program is very well put together and there is no comments I could put into improving the program.

None.
tutors and at the tutoring center should make students feel welcome instead of taking the approach of "oh my god I can't believe you don't know how to work this problem out", or "this is so easy". Student obviously, go to these centers for help and either have no clue what they are doing or consider the math problem a bit difficult.

NO

Work on the interaction with the professor and feedback with questions and the professor has to be clear on the specific times that the test will be taken at.

No the math program was great Great teacher

Not at all.

No

No.

Again, I feel higher math demands for dozens and dozens of problems entered in a computer interface each week -- if some of these courses could be broken into two semesters this might be more practical for employed adults -- especially with families.

I wish if the online class has the same amount of homework as the on campas class.

Course Compass which is what is used to deliver the Math information has very poor technical assistance. I called for help and what should have been simple to resolve took days.

Keep up the good work!

Online video instructor

I THINK THE MATH PROGRAM IS GREAT FOR BEGINNERS LIKE MYSELF.

I really enjoy the course campus website it has everything you would need to successfully complete the course.

No

I think it is very good and I particularly like the Course Compass

N/A

Yes find tutors that can meet one on one with a student, but not at the crowded le jao center.

21 Dec 13, 2009 6:37 AM

22 Dec 13, 2009 8:42 AM

23 Dec 13, 2009 6:21 PM

24 Dec 14, 2009 12:20 AM

25 Dec 14, 2009 12:30 AM

26 Dec 14, 2009 1:08 AM

27 Dec 14, 2009 5:00 AM

28 Dec 14, 2009 6:15 AM

29 Dec 14, 2009 8:03 AM

30 Dec 14, 2009 7:45 PM

31 Dec 14, 2009 8:14 PM

32 Dec 15, 2009 12:48 AM

33 Dec 15, 2009 2:06 AM

34 Dec 15, 2009 6:14 PM

35 Dec 16, 2009 5:19 AM

36 Dec 16, 2009 6:51 AM

37 Dec 16, 2009 11:18 PM

38 Dec 17, 2009 12:10 AM

39 Dec 17, 2009 8:44 AM

40 Dec 17, 2009 11:00 PM

41 Dec 18, 2009 4:39 AM

42 Dec 18, 2009 6:45 AM

Will be nice if the Math Book (Basic Mathematics) give a detailed explenation of how to resolve the problems.

Why does this have to be a hybrid class/

No, Junko Forbes is great! I try to take her classes whenever possible. She responds quickly and keeps us up to date with important information.
no comments

No suggestions, I found the online Math Program easy to use, and liked the format very much.

Course compass videos the teacher by the Name of needs to speak slower when explaining. Even though I used the Close captioning I had to replay several times. Also if course compass allowed the ability to actually draw or write in the question box rather than using other signs ( ${ }^{\wedge}$ *) for exponents etc.
no
n/a

Independent study or online finals and midterms.
this is the first time inmy life that i have ever passed a math class... much less with and A. i love this program and how its run thank you!

I think it would be benifical if the teach would hold an hour on site tutoral twice during the 16 week program, if you live locally then you can benefit.

I found that I could have easily completed the class without the text book. Just following the online program was enough. Had I known I certainly would not have been gouged for the $\$ 160.00$ cost of the textbook.

No

No no at all.

For myself I believe I need to take a lecture class versus an online class for better understanding and explanation.

To make older adults exempt from pre-algebra and the further algebra courses I need to take just to get my A.A. I don't have time at this stage in my life to take (and possibly have to retake now) these courses.

## I love it

none

More availability of all Math courses.

I don't have any question.
none
?

| 43 | Dec 18, 2009 9:44 AM | I am satisfied |
| :--- | :--- | :--- |
| 44 | Dec 19, 2009 1:29 AM | no |
| 45 | Dec 19, 2009 7:54 PM | I think it's a good program for my first math online class. |
| 46 | Dec 19, 2009 8:11 PM | See my previous comments. |
| 47 | Jan 9, 2010 7:27 PM | YES, HAVE A IN CLASS AND LAB LIKE EVERY OTHER COLLEGE FOR MATH. |

## Program Review 2009-10

## Validation Report

## Mathematics Program

1. Has the program adequately responded to the elements identified in the outline for instructional or student services programs (see appropriate checklist)?
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X Yes
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$\qquad$

``` No
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If no, note which topics were either omitted or not addressed clearly or substantially enough:
2. List the most important things (issues, trends, concerns, etc.) that are apparent from this report:
A. Student needs for math courses math courses have changed dramatically form the fall to the spring due to reduction in support for prison students in California Prisoners. This has created additional challenges for the Math Chair as he adjusts the schedule of classes to provide educational opportunities for as many students as possible.
B. The program has shown consistent and progressive growth since the last review and is now among the highest FTES-generating programs in the college.
3. Does the data substantiate the conclusions and recommendations made?
$\qquad$

If no, note the areas and manner in which data does not match conclusions or recommendations?

I have only minor concerns about the recommendations that have been made.
4. List any realistic suggestions the Steering Committee may have for the program based on information in the self-study.
A. Conduct a more detailed analysis of the Math tutoring options for students to ensure that the college is spending resources appropriately. Include in the analysis an evaluation of the impact of each of the tutoring options on retention and success to help determine which of the tutoring options should be continued.
B. Ensure that information about all tutoring options is posted on all math course websites so that students can choose the tutoring method that best meets their needs.
C. Expand on the department's plans for using Second Life by including in the establishment of a Math Club.
D. Develop and implement a plan for assessing program-level student learning outcomes for the Math major and for assessing the core degree-level outcome in quantitative reasoning for all students graduating with an A.A. degree.
5. List program accomplishments and aspects for which the program should be commended.
A. The Math Department should be commended for their commitment to collaboration. The regular meetings of the full-time faculty and the willingness of all faculty within the department to share instructional strategies has resulted in uniformity among the math faculty and a quality learning experience for our students.
B. Math Department Chair Fred Feldon is to be commended for his work in establishing and maintaining regular and effective communication among faculty in the department and with his colleagues at Orange Coast and Golden West.
C. All faculty members in the program are to be commended for the high level of student satisfaction with the quality of instruction and for facilitating student retention and success rates that are higher than the statewide average for general math classes.
D. Kudos to the faculty for their work in identifying course-level SLOs for all active courses, for developing a rubric for the assessment of program-level outcomes, and for initiating dialog about outcomes in the department.


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[^1]:    : So you have any comoro": ?

