

Coastline Community College
Annual Institutional Planning Report

Department/Division	Astronomy/Physics
Academic Year	2012-2013

Annual report submitted to the Program Review Committee on _____

Signature of Department Chair/Lead Faculty Member _____



Signature of Dean/Director _____

A. Data and Analysis

a. Program Data

	3 Years Prior	2 Years Prior	1 Year Prior
FTES	61	81	62
FTEF			
WSCH/FTES	661	580	700
Number of Full-Time Instructors	0	0	0
Fill Rate	93.5	86.3	86.4
Success Rate	65.4	64.7	75.8
Persistence	8.0	7.0	6.5
Retention	77.9	79.6	87.1

Program Data Analysis

Astronomy: Based on an informal survey of students taken at the start of Fall 2012, the majority of students who are taking the online ASTR C100 course are hoping to satisfy a GE science requirement. Roughly 1/3 of these students are working towards an AA degree, roughly 1/3 are hoping to transfer to a 4 year college, and the remaining 1/3 are currently enrolled in a four year college and will transfer the credit towards a four year degree. The vast majority of the latter are working towards a non-science degree.

Physics: Based on an informal survey of students enrolled in PHYS 120 and PHYS 125 in Fall 2012, roughly 1/3 of the students are taking it as a pre-req towards a B.S. degree in a medical field, roughly 1/3 have a four year degree and are working towards graduate school in a medical field, and the remaining 1/3 are working towards a certificate or license in a medical field.

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b. **Curriculum Data**-- Use data from the previous academic year

	Additions	Revisions	Suspensions	Retirements	Current Total
Courses	-	7	-	-	13
Certificates 18 units or greater	-	-	-	-	-
Certificates less than 18 units	-	-	-	-	-
Degrees	-	-	-	-	1

Curriculum Data Analysis

At this time there is no A.S. Degree in Physics (it is part of the five-year plan). The Astronomy courses fulfill a GE requirement and are primarily taken in order to either transfer to a four-year college, fulfill credit towards a non-science degree at a four-year college, or as credit towards an A.A. degree. The students who are taking PHYS 120 and PHYS 125 at CCC are hoping to enter graduate school in a medical field, obtain a B.S. degree in a medical field, or are working towards a certificate in a medical field. These groups should be tracked in order to provide a realistic measure of the success of Physics at CCC.

c. **Student Learning Outcomes Data**

Total number of sections	3
Percentage of sections reporting on SLOs	3

Department Discussions Regarding SLOs ("Closing the Loop")

SLOs are reported for Spring 2012 for PHYS 120, PHYS 125, and ASTR 100. The SLO level is reported as C. The SLO text for PHYS 120 and PHYS 125 needs to be revised, as some of the items are repeated. In addition, roughly half of the items were not implemented in previous semesters. All of the items in the Astronomy SLOs were implemented.

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d. Progress on 5-year Goals from most recent Program Review.

Goal	Complete	Partially Complete	Not Started	Abandoned	Comments
Not Applicable (see Comments)					No goals for Physics or Astronomy were set forth in the previous PR.

Analysis of Progress on 5-year Goals

Since no goals were set forth in the previous review due to a lack of full-time faculty (Dr. Devine was hired in Fall 2012), this space will be devoted to a brief summary of the current status of the Physics and Astronomy courses that are being offered in Fall 2012 at CCC. It is based on an inventory of lab equipment taken by Dr. Devine, an in-class evaluation of Dr. Khan by Dr. Guttierrez, and student feedback obtained in Fall 2012.

ASTR C100: Dr. Devine (online) and Dr. Khan (onsite). Both courses require significant work. The online course is in an early stage of development, and the onsite course is too passive and needs to incorporate more active learning techniques. Both courses roughly 70% full.

ASTR C100L: Offered for the first time in Fall 2012, taught by Dr. Devine. Will require computers at the Newport Center, as many labs are based on simulations due to the lack of any equipment. Eventual acquisition of telescopes needed to provide hands-on laboratory exercises. 50% full.

PHYS C110: Online; Dr. Khan. 75% full.

PHYS C120: Hybrid; Dr. Devine. 60% full. Online Lectures need development. Onsite Labs do not meet minimum University standards. Less than 50% of the required equipment exists at this time, both in the number of labs and the number of stations per lab.

PHYS C125: Hybrid; Dr. Devine. 85% full. Online Lectures need development. Onsite Labs do not meet minimum University standards. Less than 50% of the required equipment exists at this time, both in the number of labs and the number of stations per lab.

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B. Action Plan and Resource Request Based on Annual Data

Action	Institutional planning goals*	How action will improve student learning	Type of Resource	Resource needs, if any	Department priority**	Approximate cost	Potential Funding Source
Purchase necessary lab equipment for PHYS 120/125		Necessary in order to fulfill minimum University standards.	Equipment	Dr. Devine has determined minimum equipment necessary for SPRING 2013.	1	15K	??
Maximize effectiveness of Newport Center.		Improve PHYS/ASTR lab experience.	Facilities	No additional resources, new lab space in RM 117 at Newport facility.	1	0	
Hire one additional Full-Time Faculty		Improve quality of PHYS/ASTR courses.	Personnel		3	??	??
Data Studio for PHYS, CLEA for ASTR.		Required Spring 2013 for PHYS and ASTR Labs.	Software	Assistance in installing on computers RM 117 Newport.	1	1K	??
			Supplies				
15 computer terminals in lab RM 117 at Newport		Required Spring 2013 for PHYS/ASTR labs.	Technology	Money and IT support.	1	5K	
Assist Dr. Khan with interactive learning techniques.			Training	None (except time for Dr. Devine to assist Dr. Khan)	1	0	
Develop A.S. for PHYS.			Other	Dr. Devine needs to develop calculus based PHYS 185/280	1	0	0

*Reference specific sections of College Education Master Plan, Strategic Initiatives, 5-year Program Review Goals, Accreditation Recommendations, SLO/SAO evaluation and assessment, College Mission, or other relevant planning documents.


**Prioritize the program's resource needs with 1 being the most important and subsequent numbers being less urgent.

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Annual Institutional Planning Report

Department/Division	Biologv
Academic Year	2012-2013

Annual report submitted to the Program Review Committee on _____

Signature of Department Chair/Lead Faculty Member _____

Signature of Dean/Director  _____

Signature of Dean/Director

A. Data and Analysis

a. Program Data

	3 Years Prior	2 Years Prior	1 Year Prior
FTEs	423	463	493
FTEF			
WSCH/FTEs	764	683	685
Number of Full-Time Instructors	2	2	2
Fill Rate	93.3	88.9	87.2
Success Rate	81.1	77.8	77.9
Persistence	23.0	20.0	19.0
Retention	93.3	90.3	91.3

Program Data Analysis

Our FTEs generation and Productivity remains robust. Our persistence rates are higher than other disciplines, this likely reflects many students who take Anatomy, Physiology and Microbiology with us. We have other survey data from our students which shows a great interest in a Health Science Certificate and Associate's degree. These new programs would help us further increase our retention rates.

b. Curriculum Data-- Use data from the previous academic year

	Additions	Revisions	Suspensions	Retirements	Current Total
Courses	4	9	-	-	18
Certificates 18 units or greater	-	-	-	-	-
Certificates less than 18 units	-	-	-	-	-
Degrees	-	-	-	-	1

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Curriculum Data Analysis

The curriculum committee has just approved a certificate in Health Science and an associate's degree in Biology. In addition, we were just informed that our core courses for the biology major have been approved as UC transferable.

c. Student Learning Outcomes Data

Total number of sections	32
Percentage of sections reporting on SLOs	68%

Department Discussions Regarding SLOs ("Closing the Loop")

In spring 2012, the chair held a department training workshop last spring to teach faculty how to distribute SLOs. We think that the sub-optimal reporting of SLOs has several explanations: 1) face-to-face classes did not use Seaport to enter assessments and grades, 2) Changes in SLOs occurred in the middle of the semester but were not incorporated into the courses, 3) some courses (such as Work Based Learning) were cancelled due to no enrollments, yet Seaport still counted these sections, 4) the Dept. Chair had difficulty in tracking faculty who did not distribute SLOs. These items were discussed in the fall 2012 All-College Meeting.

d. Progress on 5-year Goals from most recent Program Review.

Goal	Complete	Partially Complete	Not Started	Abandoned	Comments
Hire a full-time lab facilitator	X				With the expansion of the program to Newport Beach, we need additional lab support.
Increase lab space		X			We do not have a physiology lab as of yet, though two labs were added at the Garden Grove Center for the Program
Hire a full-time physiology instructor	X				This position was combined with Anatomy. We welcomed Dr. Deborah Henry to our ranks this fall.
Develop and offer a major in biology		X			The Biology Major was approved by the Curriculum Committee in October. All courses now articulate so the program can now be sent to the State.
Update all Science curriculum by Fall 2008	X				All Biology Curriculum is up to date.
Continue work on SLOs, including mapping, assessing, and tracking	X				All Biology courses have SLOs which have been evaluated at least once. We are now working on increasing reporting for all sections.

Department/Division	Biology
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Analysis of Progress on 5-year Goals

We are scheduled for Program Review this fall, thus we are happy to see that all biology related goals have been met or partially met. Some goals for our next Program Review will likely include the development and offering of a Health Science Associate's degree and the development and offering of the AS-T for Biology (once the State publishes this degree).

B. Action Plan and Resource Request Based on Annual Data

Action	Institutional planning goals*	How action will improve student learning	Type of Resource	Resource needs, if any	Department priority**	Approximate cost	Potential Funding Source
Offering core courses for Biology Majors fall 2013		Students would be able to receive an associate's in biology at Coastline or one of our sister colleges.	Equipment	Thermal cycler, walk-in freezer, vacuum pump, 16 dissection microscopes		10,000	General Fund
			Facilities				
			Personnel				
			Software				
Offering core courses for Biology Majors fall 2013		Students would be able to receive an associate's in biology at Coastline or one of our sister colleges.	Supplies	Materials to run majors biology labs.		15,000	Lottery, General Fund
			Technology				
			Training				
Offering core courses for Biology Majors fall 2013		Students would be able to receive an associate's in biology at Coastline or one of our sister colleges.	Other	Maintenance services: microscopes, freezer		5,000	General Fund

*Reference specific sections of College Education Master Plan, Strategic Initiatives, 5-year Program Review Goals, Accreditation Recommendations, SLO/SAO evaluation and assessment, College Mission, or other relevant planning documents.

**Prioritize the program's resource needs with 1 being the most important and subsequent numbers being less urgent.

Science Program Goals 2013 – 2018

Biology

- Develop independent study course involving human cadaveric dissection (1-2 years).
- Develop and offer Health Science Certificate and AS degree and explore partnerships with local health care facilities (5 years).
- Explore needs for other course offerings, such as pathophysiology (5 years).
- Redesign human physiology laboratory instructional materials (3 years).
- Redesign general biology laboratory instructional materials (2 years).
- Implementation of Biology major courses (3 years)
- Offer Biology AS/AS-T degree (2 years)
- Re-evaluate efficacy of the Biotechnology program and certificate (1-2 years)

Chemistry

- Hire a full-time faculty member in chemistry
- Implement Organic Chemistry sequence for chemistry and biology majors
- Establish an AS-T Degree in Chemistry. (4 years)

Physics

- Purchase lab and computer equipment needed to establish a full suite of labs for algebra-based physics sequence (1-2 years)
- Design a full suite of labs and associated lab manuals for algebra-based physics sequence (2 years)
- Design a full suite of labs and associated lab manuals for the calculus-based physics sequence. (2 years)
- Establish an AS-T Degree in Physics. (4 years)

Astronomy

- Design a full suite of labs and associated lab manuals for non-majors introduction to astronomy laboratory. (4 years)
- Acquire a minimum of five 8-inch telescopes for "hands-on" labs and potential field trips. (4 years)
- Establish a rotating schedule with OCC for teaching more advanced Astronomy courses that are currently not offered by CCC (although they are on the books). (5 years)

Geology

- Develop course: Geol 110 Physical Geology for majors.
- Continue to update and review modalities for course offerings: Add Geol 105 and 105L General Geology and Lab online in the summer


Department-wide goals


- Develop new procedures to measure student success in the sciences. (5 years)
- Hire a part-time instructional associate (1 year)
- Establish a science faculty mentoring program (5 years)
- Expand supplemental instructional opportunities for science classes (5 years)
- Update and upgrade laboratory instructional materials (5 years)
- Establish a general fund budget line item for laboratory materials and supplies (2 years)
- Explore and assess different instructional modalities for science courses (5 years)
- Re-evaluate prerequisites for science courses (3 years)
- Explore offering lower division courses in bioengineering and chemical engineering (5 years)
- Promote Science, Technology, Engineering, Arts, Math and Medicine (STEAMM) initiatives at the Newport Beach Learning Center (5 years).

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Department	Chemistry
Academic Year	2012-2013

Annual report submitted to the Program Review Committee on _____

 Signature of Department Chair/Lead Faculty Member

 Signature of Dean/Director

A. Data and Analysis

a. Program Data

	3 Years Prior	2 Years Prior	1 Year Prior
FTES	144	137	111
FTEF			
WSCH/FTES	641	578	537
Number of Full-Time Instructors	1	1	1
Fill Rate	88.8	90.7	90.2
Success Rate	82.1	84.9	87.5
Persistence	8	10	8
Retention	90.0	91.0	93.8

Program Data Analysis

b. Curriculum Data -- Use data from the previous academic year

	Additions	Revisions	Suspensions	Retirements	Current
Courses	-	-	-	-	12
Certificates 18 units or	-	-	-	-	-
Certificates less than 18	-	-	-	-	-
Degrees	-	-	-	-	1

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Curriculum Data Analysis

Chemistry

2012-2013

Academic Year

c. Student Learning Outcomes Data

Total number of sections	59
Percentage of sections reporting on SLOs	100%

Department Discussions Regarding SLOs ("Closing the Loop")

Discussion took place at All-College meeting fall 2012.

d. Progress on 5-year Goals from most recent Program Review.

Goal	Complete	Partially Complete	Not Started	Abandoned	Comments
Develop and offer a course in organic chemistry		X			Courses were developed, funds not yet available to offer them
Hire an additional full-time chemistry instructor		X			Ranked #3 in faculty prioritization; waiting for President's decision
Develop and offer a major in chemistry		X			Background data collected; will be submitted to curriculum committee spring 2013
Continue work on student learning outcomes, including mapping, assessing, and tracking	X				

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Department

Chemistry

Academic Year

2012-2013

Analysis of Progress on 5-year Goals

Delay in submitting the Chemistry AA has been due to the expectation of a Chemistry AS-T being approved by the Chancellor's office. We have decided to proceed and then incorporate the AS-T whenever it comes out. The new chemistry lab at Newport Beach will allow us to offer organic chemistry as soon as funds and supplies are approved.

B. Action Plan and Resource Request Based on Annual Data

Action	Institutional planning goals*	How action will improve student learning	Type of Resource	Resource needs, if any	Department priority**	Approximate cost	Potential Funding Source
Offer organic chemistry sequence		Facilitates student transfer into Chemistry	Equipment	FT-IR, misc equipment	1	\$7000	Private companies
		Courses needed for pre-professional	Facilities				
		Programs such as Dentistry and Medicine	Personnel	1 FT faculty or 2 PT faculty	1		
			Software				
			Supplies	Organic chemistry supplies and reagents	1	\$10,000	Lottery funds
			Technology				
			Other				

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**Prioritize the program's resource needs with 1 being the most important and subsequent numbers being less urgent.

Coastline Community College
Annual Institutional Planning Report

Department/Division
Geology/Science Department

Academic Year
2012-2013

Annual report submitted to the Program Review Committee on _____

Debra Secord (e-copy)

Signature of Department Chair/Lead Faculty Member



Signature of Dean/Director

A. Data and Analysis

a. Program Data

	3 Years Prior	2 Years Prior	1 Year Prior
FTEs	100	87	94
FTEF			
WSCH/FTEF	978	715	860
Number of Full-Time Instructors	1*/4	1*/4	1*/4
Fill Rate	88.5%	70.2%	83.6%
Success Rate	69%	69.4%	67.4%
Persistence	2%	4%	3%
Retention	94.6%	92%	91%

Program Data Analysis

*The full time instructor teaches 2/5 of her load in this department, so the actual FT number is lower. There is a balance between retention, fill rate and success. Allowing students to enter the class during the first week and allowing students to continue in sections submitting late assignments, may affect their ability to successfully complete the course. If we drop students early or do not allow them to add, they complain and our retention and fill rates are affected. No matter how many reminders and how much encouragement is offered, about 10% of students do not turn in assignments on time or at all and thus do not succeed.

**Coastline Community College
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Department/Division	Geology/Science Department
Academic Year	2012-2013

b. Curriculum Data -- Use data from the previous academic year

	Additions	Revisions	Suspensions	Retirements	Current Total
Courses	0	3	0	2	3
Certificates 18 units or greater					0
Certificates less than 18 units					0
Degrees					0

Curriculum Data Analysis

The Geology 140 and Geology 141 courses were retired after the District Curriculum Alignment Project. All courses were reviewed and SLOs updated.

c. Student Learning Outcomes Data

Total number of sections	4
Percentage of sections reporting on SLOs	100%

Department Discussions Regarding SLOs ("Closing the Loop")

Distribution of assignments for each category of course and program SLO were discussed.

Ways to improve student success on research and writing skills lead to the addition of tutorials and updated support materials across the program.

In spite of increased instructor follow-up, many students fail to complete assignments on-time or at all leading to failing grades.

d. Progress on 5-year Goals from most recent Program Review.

Science Department Goal	Complete	Partially Complete	Not Started	Abandoned	Comments
8. Update all Science curriculum by Fall 2008	X				Courses were aligned within the District and obsolete courses were retired. More than 3 years of labor was rewarded by the unveiling in Spring 2012, of a new integrated online Geology 105 and 105L, lecture and lab course, for non-majors. All SLO's and textbooks were reviewed, updated and revised.

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Department/Division	Geology/Science Department
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9. Explore methods for improving student retention and success	X					Website content for the online versions of Geol 105 and Geol 105L were updated. Geology instructors agreed on website components and collaborated to create an integrated learning experience between the online lecture and the lab.
11. Continue work on student learning outcomes, including mapping, assessing, and tracking	X					Faculty members in Geology have been very collaborative in sharing assignment ideas for measuring specific outcomes and discussing and adapting their approaches to increase student success.

Analysis of Progress on 5-year Goals

The discipline of Geology strongly supported the goals of the Sciences. Many of the Science Department 5-Year Goals involved hiring new faculty members, creating new majors and developing/supporting lab facilities. None of these endeavors was in the discipline of geology, so we couldn't contribute more than voiced support to these efforts.

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Department/Division

Geology/Science Department

Academic Year

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B. Action Plan and Resource Request Based on Annual Data

Action	Institutional planning goals*	How action will improve student learning	Type of Resource	Resource needs, if any	Department priority**	Approximate cost	Potential Funding Source
Review course outcomes and success data and discuss strategies for improvement.	Supports College Mission: -Learner-centered strategies supported by a full range of technology-mediated instruction for site-based and distance learning classes;	Related Key Performance Indicator: Student retention average is great across the discipline (91%) but average success lags behind (67%). <i>Improvements:</i> Students beg to stay in a class, but there is a lack of follow through when it comes to completing assignments.	Personnel	Lead faculty time to request appropriate information and organize it for discussion.	4	Hourly rate x 5 hours	
	Educational Master Plan Goal 1: Student Success: - Coastline will make learner success its core focus. <i>Initiative 1.n.</i> CCC will focus on improving the institution-wide dialog related to maximizing student success through faculty and staff analysis of Student Learning Outcomes (SLOs) assessment and evaluation at	Strategies for identifying students to drop early in the session and statistics adjusted to reflect late completers.	Other	Availability of data on a regular and timely basis			

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course, program, and degree-levels of learning.

Related Key Performance

Indicator(s): Access and Success
Successful Course Completion Rates & Improvement in SLOs

Contributes to Program Review 5-Year Goals #11

Continue work on student learning outcomes, including mapping, assessing, and tracking.

Department/Division

Geology/Science Department

Academic Year

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Develop course:	Supports College Mission:	Related Key Performance Indicator(s):	Other	Creating and distributing suggested pathways brochure for the sciences.	Typical brochure costs are \$350/1000 brochures.
Geol 110 Physical Geology for majors.	- General education and transfer courses for a comprehensive Associate in Arts degree plus career and technical courses for occupational certificates	Courses are all full, but only a small number of students continue as CCC students the next semester. Average persistence rate is 3%. Average retention across all courses was 91%		2	
		<i>Improvements:</i> Explore connections between courses for science/math major or a geology major and market Coastline course	Personnel	Additional faculty member to teach the course for majors.	5.5 LHE=\$5687 (low Step 2) to \$7320

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Basic Skills to CTE and STEM2 to A.A. / A.S. and transfer to assist students in achieving their educational goals.
Goal 2: Access, Persistence & Completion:
 - Coastline will increase student access, and improve persistence, retention, and completion with a particular focus on Basic Skills.

Related Key Performance Indicator(s): Fall to Fall Persistence Rates; Retention Rates

Contributes to Program Review 5-Year Goals #9:
 Explore methods for improving student retention and success.

pathways within our classes.

high
 Lead faculty member time to write new curriculum

Continue to update and review modalities for course offerings:
 Add Geol 105 and 105L
Supports College Mission:
 - High-quality instructional programs, services, and entrepreneurial activities that meet the education, economic, and social needs of diverse students from local and global populations;

Related Key Performance Indicator(s):
 Wait lists and fill rates indicate a demand for the courses. Students seem satisfied with the courses & modalities offered.
 100% of the Geology courses are available online. They are also

Personnel
 Additional faculty member to teach the summer courses.
 1
 Addition of 5.5 LHE for a summer instructor of Geology 105/105L.
 5.5
 LHE=\$5687 (low Step 2) to \$7320

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Department/Division

Geology/Science Department

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General
Geology
and Lab
online in
the
summer

offered in a hybrid
modality as part of the
STAR Program.

high

Improvements:

Geology 105 and 105L
have never been offered
online during the summer
session and there have
been no summer offerings
of geology at all since
2008. There is great
potential for attracting
students during this time,
especially if the lecture/lab
can be offered together.

Alignment of course
numbering allows students
to move between the
district colleges to meet
their requirements,
encouraging students to
stay with Coast.

**College Master Plan
Goal 3: Innovation &
Improvement:**

- Coastline will continue to
create and nurture
innovative programs,
services, and technology
solutions that respond to the
needs and expectations of
its learning community.

Initiative: 3.c. CCC will
develop and provide innovative
programs, CTE certificates, and
transfer
opportunities with a particular
focus on Science, Technology,
Engineering, Math and
Medicine (STEM2).

**Related Key Performance
Indicator(s):** Overall Student
Satisfaction Ratings ;
Percentage of Fully Online
Programs

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Contributes to Program
Review 5-Year Goals #9:
 Explore methods for
 improving student retention
 and success

	Personnel	Cost of additional	3	Tutoring
<p>Consider tutoring &/or pre-requisites for math and English testing for students entering Geology courses.</p> <p>Supports College Mission: A systematic assessment of student outcomes at the course, program, and institutional levels</p> <p>College Master Plan Growth & Efficiency -Coastline will purposefully advance and sustain the College's capacity for student success through the efficient use of resources as well as expanded, diverse, and responsive programs and services.</p>	<p><i>Related Key Performance Indicator(s):</i> There is a high correlation between students w/ limited English & math skills and low completion and success rates in the geology courses.</p>	<p>students taking placement tests or utilizing tutoring services</p>	<p>3</p>	<p>costs?</p>

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Department/Division

Geology/Science Department

Academic Year

2012-2013

Related Key

Performance Indicator(s):
Number of Programs for
Underrepresented Groups

**Contributes to Program
Review 5-Year Goals #9:**
Explore methods for
improving student retention
and success

*Reference specific sections of College Education Master Plan, Strategic Initiatives, 5-year Program Review Goals, Accreditation Recommendations, SLO/SAO evaluation and assessment, College Mission, or other relevant planning documents.

**Prioritize the program's resource needs with 1 being the most important and subsequent numbers being less urgent.

GEOLOGY PROGRAM REVIEW 2012-2013

Improvements Implemented and Impact

- Updated and aligned curriculum with sister colleges for the following courses: General Geology (Geol 105, 105L) and California Geology (Geol 115). This supports Sciences Program review Goal #8 : Update all Science curriculum by Fall 2008.
- Retired Introduction to Geology (Geol 140) and Geology Lab (Geol 141)
- Course Learning Outcomes and Course Outline of Records were revised/updated for all Geology courses. Textbooks were reviewed and updated. This supports the Sciences Program Review Goal #11: Continue work on student learning outcomes, including mapping, assessing, and tracking.
- Website content for the online versions of Geol 105 and Geol 105L were updated. Geology instructors agreed on website components and collaborated to create an integrated learning experience between the online lecture and the lab. This supports Sciences Program Review Goal #9: Explore methods for improving student retention and success.

Impact of Improvements:

- Alignment of course numbering allows students to move between the district colleges to meet their requirements, encouraging students to stay with Coast.
- Instructors collaborating on how course and program outcomes will be measured via assignments given in courses, allows for a clear comparison of what works or where our weaknesses may be.
- Agreed upon textbooks and consistent web content across all sections of the online Geol 105 courses assists students complete the courses successfully.

Recommendations for Improvement:

- Geology 105 and 105L have never been offered online during the summer session and there have been no summer offerings of geology at all since 2008. There is great potential for attracting students during this time, especially if the lecture/lab can be offered together.
- Consider developing and offering Geol 110 Physical Geology, the four unit course for students intending to major in geology or engineering. This could be the beginning of a stand-alone geology major or be added to the science/math major at Coastline.
- Consider tutoring &/or prerequisites of passing at a certain level of math and English testing for students entering Geology courses

GEOLOGY DISCIPLINE GOALS

Student	#4 Successful	Student	Review	Lead faculty
Educational Master Plan Goal	Related Key Performance Indicator(s)	Geology Discipline Summary	Geology Discipline Suggested Action	Costs

<p>Success: Coastline will make learner success its core focus.</p>	<p>Access, Persistence and Completion: Coastline will increase student access, and improve persistence, and completion with a particular focus on Basic Skills.</p>	<p>Coastline will respond to the needs and expectations of</p>
<p>Course Completion Rates</p>	<p>#1 Fall to Fall Persistence Rates #2 Retention Rates</p>	<p>#2 Overall Student Satisfaction Ratings #3 Percentage of Fully Online Programs</p>
<p>retention average is great across the discipline (91%) but average success lags behind (67%).</p>	<p>#1 Courses are all full, but only a small number of students continue as CCC students the next semester. Average persistence rate is 3%. #2 Average retention across all courses last semester was 92%</p>	<p>#2 Students seem satisfied with the courses & modalities offered. #3 100% of the Geology courses are available online. They are also offered in a hybrid</p>
<p>course outcomes and success data and discuss strategies for improvement.</p>	<p>Develop Geol 110 Physical Geology for majors. Explore connections between courses and market Coastline course pathways within our classes. Perhaps create a science pathways brochure.</p>	<p>Continue to update and review modalities for course offerings. Explore adding Geol 105 and 105L General Geology and Lab online in the summer</p>
<p>time to request appropriate information and organize it for discussion. If done outside of faculty meetings, additional faculty time for meeting and reviewing data.</p>	<p>Additional adjunct faculty member to teach the course for majors. 5.5 LHE=\$5687(low Step 2) to \$7320 high Creating and distributing suggested pathways for the sciences. Typical brochure costs are \$350/1000 brochures.</p>	<p>Addition of 5.5 LHE for a summer instructor of Geology 105/105L. 5.5 LHE=\$5687 (low Step 2) to \$7320 high</p>

its learning community.	<p>Partnerships: Coastline will strengthen and expand its entrepreneurial and grant development, and collaborative activities through partnerships with business and industry, government agencies, and educational institutions, and the public to enhance the college's capabilities and opportunities for students.</p>	<p>#1 Overall Employee Satisfaction ratings #3 Fill Rates #4 Load (WSCH/FTEF)</p>	<p>#1 The faculty members in the discipline have worked with CCC for a number of years and have a collegial relationship. #3 Fill rates average 81% #4 Load WSCH/FTEF averages 851</p>	<p>Increase faculty time to investigate what is available and organize discussions of how assignments could relate to course outcome measurement.</p>	<p>Lead faculty time to investigate what is available and organize discussions of how assignments could relate to course outcome measurement.</p>
	<p>Build on these alliances to develop the Geol 110 course for majors.</p>	<p>#1 Number of Partnerships</p>	<p>part of the STAR Program.</p>	<p>Build on these alliances to develop the Geol 110 course for majors.</p>	<p>See above.</p>
<p>modalities as part of the STAR Program.</p>	<p>collaborated on learning objects for the new online course content of Geol 105 and 105L.</p>	<p>#1 Geology faculty members across the District</p>	<p>collaborated on learning objects for the new online course content of Geol 105 and 105L.</p>	<p>collaborations to improve the development of shared assignments and evaluation tools to measure outcomes in a similar fashion across course sections.</p>	<p>Lead faculty time to investigate what is available and organize discussions of how assignments could relate to course outcome measurement.</p>

<p>institutional effectiveness resulting in increased student success.</p>	<p>Growth and Efficiency: Coastline will purposefully advance and sustain the college's capacity for student success through the efficient use of resources as well as expanded, diverse, and responsive programs and services.</p>
	<p>#1 Number of Programs for Underrepresented Groups #2 Number of Professional Development Training</p>
	<p>#1 There is a correlation between students w/ limited English & math skills and low success in the courses. #2 Kelly Bryan & Debbie Secord made a presentation at e-Learning on use of collaborative Learning Objects in Geology courses</p>
<p>(Sharing Seaport learning Objects among online courses would be a start).</p>	<p>Offer tutoring in Geology at the Student Success Center. Consider pre-requisites for math and English testing for students entering Geology courses. Additional PDI funds would encourage additional professional activities.</p>
	<p>Tutoring costs? Alternative funding for conference attendance to make presentations.</p>

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 Percent	Response Count
Coastline Costa Mesa Center	<input type="checkbox"/>	6.3%	1
Coastline Garden Grove Center	<input type="checkbox"/>	43.8%	7
Coastline Le-Jao Center	<input type="checkbox"/>	37.5%	6
Online	<input type="checkbox"/>	56.3%	9
Telecourse/Cable/Video	<input type="checkbox"/>	6.3%	1
Other (please specify)	<input type="checkbox"/>	6.3%	1
		answered question	16
		skipped question	0

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-to-date in relation to transfer standards and SLOs)	37.5% (6)	56.3% (9)	6.3% (1)	0.0% (0)	16
Variety of classes	20.0% (3)	46.7% (7)	20.0% (3)	13.3% (2)	15
Delivery modes appropriate to student needs	37.5% (6)	62.5% (10)	0.0% (0)	0.0% (0)	16
Relevance of classes to student needs	43.8% (7)	43.8% (7)	12.5% (2)	0.0% (0)	16
Opportunity for faculty to participate in curriculum review and program development	26.7% (4)	66.7% (10)	0.0% (0)	6.7% (1)	15
Extent to which faculty and staff meet the needs of culturally diverse students	46.7% (7)	46.7% (7)	6.7% (1)	0.0% (0)	15
Extent to which faculty and staff meet the needs of non-traditional students (e.g., older adults, working adults, active duty military, etc.)	43.8% (7)	50.0% (8)	6.3% (1)	0.0% (0)	16
Overall quality of the program	31.3% (5)	50.0% (8)	12.5% (2)	6.3% (1)	16
Your own success teaching in the program	50.0% (8)	50.0% (8)	0.0% (0)	0.0% (0)	16

If you indicated that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe your concerns. 5

answered question	16
skipped question	0

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.)

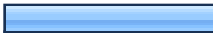

	Very Satisfied	Satisfied	Dissatisfied	Very Dissatisfied	Response Count
Adequacy of instructional facilities	25.0% (4)	68.8% (11)	6.3% (1)	0.0% (0)	16
Quality of general instructional equipment (audio-visual, instructor classroom computer and projector, etc.)	50.0% (8)	37.5% (6)	12.5% (2)	0.0% (0)	16
Support for the program and classes from Dean and support staff for your discipline	50.0% (8)	37.5% (6)	6.3% (1)	6.3% (1)	16
Support for you, your classes, and the program from your department chair	43.8% (7)	37.5% (6)	12.5% (2)	6.3% (1)	16
Responsiveness and helpfulness of Coastline's Distance Learning Department in meeting your needs as a DL instructor	46.2% (6)	53.8% (7)	0.0% (0)	0.0% (0)	13
Extent to which Seaport tools and options allow you to teach your class(es) in the way you want	31.3% (5)	68.8% (11)	0.0% (0)	0.0% (0)	16

If you indicated that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe your concerns. 3

answered question 16

skipped question 0



4. Do you teach classes for Coastline's Military Program?

		Response Percent	Response Count
Yes		31.3%	5
No		68.8%	11
answered question			16
skipped question			0

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	60.0% (3)	40.0% (2)	0.0% (0)	0.0% (0)	5
The support you receive from the Military Program staff	60.0% (3)	40.0% (2)	0.0% (0)	0.0% (0)	5
Do you have any comments or concerns specifically related to this program's classes for military students.					1
answered question					5
skipped question					11

6. Do any of your classes serve incarcerated students?

		Response Percent	Response Count
Yes		6.3%	1
No		93.8%	15
answered question			16
skipped question			0

7. 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 incarcerated students	100.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	1
The support you receive from the Incarcerated Service Support Team	0.0% (0)	100.0% (1)	0.0% (0)	0.0% (0)	1
Do you have any comments or concerns specifically related to this program's classes for incarcerated students.					0
				answered question	1
				skipped question	15

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

	Preferred	OK	Not Preferred	Response Count
16-week classes	87.5% (14)	6.3% (1)	6.3% (1)	16
12-week classes	7.7% (1)	76.9% (10)	15.4% (2)	13
8-week classes	33.3% (5)	26.7% (4)	40.0% (6)	15
4-week classes	7.7% (1)	15.4% (2)	76.9% (10)	13
Intensive weekend classes	0.0% (0)	23.1% (3)	76.9% (10)	13
Intensive week-long classes that meet daily	0.0% (0)	30.8% (4)	69.2% (9)	13
			Other (please specify)	0
			answered question	16
			skipped question	0

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

	Preferred	OK	Not Preferred	Response Count
Classroom	66.7% (8)	25.0% (3)	8.3% (1)	12
Online	75.0% (12)	25.0% (4)	0.0% (0)	16
Telecourse/Cable/Video	33.3% (3)	44.4% (4)	22.2% (2)	9
Hybrid (combination of classroom and online)	63.6% (7)	36.4% (4)	0.0% (0)	11
			Other (please specify)	2
answered question				16
skipped question				0

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	57.1% (8)	28.6% (4)	0.0% (0)	14.3% (2)	14
Objective tests (multiple choice, true/false, short answer, etc.)	100.0% (15)	0.0% (0)	0.0% (0)	0.0% (0)	15
Written assignments	73.3% (11)	13.3% (2)	6.7% (1)	6.7% (1)	15
Essay tests	40.0% (6)	46.7% (7)	6.7% (1)	6.7% (1)	15
Skill demonstration	46.7% (7)	40.0% (6)	0.0% (0)	13.3% (2)	15
Case studies	26.7% (4)	26.7% (4)	26.7% (4)	20.0% (3)	15
Individual projects	40.0% (6)	40.0% (6)	13.3% (2)	6.7% (1)	15
Group projects	33.3% (5)	33.3% (5)	13.3% (2)	20.0% (3)	15
Student self-report of application of knowledge/skill to daily life	26.7% (4)	40.0% (6)	20.0% (3)	13.3% (2)	15
Pre and post tests of abilities	42.9% (6)	14.3% (2)	14.3% (2)	28.6% (4)	14
Portfolios	0.0% (0)	28.6% (4)	35.7% (5)	35.7% (5)	14
Grading rubrics for assignments/observations	53.3% (8)	40.0% (6)	0.0% (0)	6.7% (1)	15

Are there any other methods you use to assess student learning outcomes?

5








answered question

15





skipped question

1


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

		Response Percent	Response Count
I haven't yet identified expected student learning outcomes.		0.0%	0
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.		14.3%	2
I have identified expected SLOs.		71.4%	10
My course outline has been updated by me or someone else to include expected SLOs.		92.9%	13
I have developed a plan for assessing SLOs.		85.7%	12
I assess students on expected SLOs no less than once a year.		85.7%	12
I use results from SLO assessments to modify my instruction.		92.9%	13
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.		35.7%	5
		answered question	14
		skipped question	2

12. Which style manual or guidelines do you require students to use for research papers?

		Response Percent	Response Count
MLA		7.1%	1
APA		14.3%	2
Chicago		0.0%	0
Turabian		0.0%	0
Custom/Self-Developed (by instructor)		0.0%	0
I don't specify a style manual		64.3%	9
I don't assign research papers		14.3%	2
answered question			14
skipped question			2















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

		Response Percent	Response Count
I use the Virtual Library myself and/or give my students regular or extra credit assignments that require use of the Virtual Library.		0.0%	0
I neither use the Virtual Library nor require my students to use the Virtual Library.		100.0%	15
answered question			15
skipped question			1

14. Please rank the reasons that 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.	33.3% (4)	0.0% (0)	66.7% (8)	12
I don't know how to access the Virtual Library.	21.4% (3)	21.4% (3)	57.1% (8)	14
The log-in procedure is too complicated.	0.0% (0)	9.1% (1)	90.9% (10)	11
I don't understand the organization of content in the Virtual Library.	8.3% (1)	0.0% (0)	91.7% (11)	12
I can't remember my log-in and password.	0.0% (0)	9.1% (1)	90.9% (10)	11
I do not require research assignments in my classes.	33.3% (4)	8.3% (1)	58.3% (7)	12
I don't have time to review/grade library assignments/research papers.	8.3% (1)	0.0% (0)	91.7% (11)	12
Other	50.0% (4)	0.0% (0)	50.0% (4)	8
			If you indicate "Other," please specify.	3
			answered question	15
			skipped question	1

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

		Response Percent	Response Count
CCC All-College Meeting in Fall and Spring		93.3%	14
Discipline-related workshops		60.0%	9
Coastline Summer Technology Institute		46.7%	7
Other technology-related workshops		46.7%	7
Student learning outcomes workshops/training		66.7%	10
Other workshops		26.7%	4
Membership in professional associations		46.7%	7
Professional conferences		53.3%	8
Graduate classes/program		6.7%	1
Other classes		20.0%	3
Professional training, including certification programs		26.7%	4
Discipline-related reading		66.7%	10
Technology-related reading		66.7%	10
None of the above		0.0%	0
Other		20.0%	3
answered question			15
skipped question			1

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

**Response
Count**

3

answered question

3

skipped question

13

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

**Response
Count**

3

answered question

3

skipped question

13

18. 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**

4

answered question

4

skipped question

12

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

	Response Count
	7
answered question	7
skipped question	9

20. 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 Count
	8
answered question	8
skipped question	8

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

	Response Count
	2
answered question	2
skipped question	14

Page 1, Q1. At which location or in which delivery mode are you currently teaching classes in this program.
(Mark all that apply, including Military Program classes.)

1 Hybrid

May 27, 2012 8:24 AM

Page 2, Q1. 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.)

1 Lack of input as to the direction of the department and offerings. Too much consideration given to the wishes of the academic senate. May 25, 2012 9:59 AM

2 Coastline's science program is not a fully developed community college program offering the number and variety of classes offered by other community colleges. We are slowly getting there, but are not taken seriously as a place to study science. We have no A.S. program. We do not have calculus-based physics, organic chemistry, and on-line courses do not always provide the laboratory/hands-on experience required by four-year institutions. Science courses are not concentrated at one location but rather are spread throughout Coastline facilities. There is no "physical" science department location in the sense of other colleges' departments with prep rooms. And the overwhelming number of faculty are adjuncts with no hope of full-time positions and no guarantee of consistent employment semester-to-semester which causes logistical problems for administration (we've often promised courses for which we have no instructor) and lack of commitment required by instructors to sustain a quality program. May 25, 2012 5:55 AM

3 For one of the classes I teach, I believe that instructors need to provide more uniformity in the course content. I feel it is a disservice to the students and leaves some at a disadvantage if the instructors are not consistent in the course content. For example, I had a conversation with one instructor who told me that they DO NOT cover a particular subject in the class because based on their experience it was not important. I happen to KNOW for a fact that the subject is very relevant to the course and the students are expected to know the subject when applying to various programs. When I mentioned this, the instructor just shrugged their shoulders. May 24, 2012 12:59 PM

4 Majors courses need to be part of the Science program. May 24, 2012 12:24 PM

5 I understand budget cuts affect the variety of classes offered and available but giving the students a variety of choices motivates them to open up to different science courses that in the end will help them understand ALL of the sciences as they make their journey through our college and into other universities May 24, 2012 12:05 PM

**Page 3, Q1. 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.)**

1	Same as before	May 25, 2012 10:00 AM
2	We have no separate prep rooms with control over supplies separate from students. We lose models, laboratory supplies and equipment, and laboratory instruments/models break down far more often because the laboratory tech has very limited control over tracking and maintaining equipment. The computer equipment is adequate, but could be updated with better technology if budget were not an issue. The IT department is very helpful and always willing to try to meet an instructor' requests. Updated technology, such as smartboards, is being used at other schools and has been for years, so to have such technology available at Coastline should not be an unrealistic expectation if Coastline is to have a serious science department.	May 25, 2012 6:06 AM
3	There are times when my emails to the department chair have not been answered.	May 24, 2012 1:01 PM

Page 5, Q1. Please indicate your level of satisfaction with each of the following items.

1	The support staff is always helpful in guiding students and assisting faculty members. They go out of their way to make the program successful. Thank you.	May 24, 2012 6:48 PM
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Page 8, Q2. Please indicate your preferred delivery formats for classes in this program.

1	On-line/Telecourse/Cable/Video is acceptable for general ed science education. For those planning to go on in science, then those students require hands-on experience. Classroom provides this and in the long run, developing Hybrid may be the best choice considering educational trends. Interaction with instructors "in-the-flesh" is invaluable in meeting students' specific needs.	May 25, 2012 6:19 AM
2	i would like to see more field courses, or be allowed to teach a class out in the field like marine science or environmental science	May 24, 2012 12:07 PM

Page 9, Q1. Please indicate the methods you most often use to measure/assess whether students are achieving the outcomes you expect in your course(s).

1	Term paper and Lecture Notes	May 31, 2012 10:48 AM
2	Museum field trip option Virtual field trips, starting in the fall, including objective tests.	May 25, 2012 7:09 AM
3	I keep up with many of my students after they have left Coastline and receive feedback as to what in class has helped them most.	May 25, 2012 6:22 AM
4	Questions about streamed media and interactive activities for skills practice.	May 24, 2012 6:53 PM
5	No.	May 24, 2012 11:43 AM

Page 12, Q1. Please rank the reasons that you do not use the Virtual Library or that you do not require your students to use it.

1	Students can use it if they want but do not have to.	May 28, 2012 6:35 PM
2	I offer students the option to use Virtual Library resources in their papers, but do not require it.	May 24, 2012 6:55 PM
3	i give students the freedom to use any source as long as its a legitimate source for doing their work	May 24, 2012 12:10 PM

Page 13, Q2. Please list any awards, honors, and/or grants you have received in the past three years.

1	Consultant for Nano-technology development - some drugs have been developed into pre- clinical trials. Rewarded with company stocks. My students and I have presented our research results on Professional ACS Meetings.	May 31, 2012 11:16 AM
2	teaching excellence award 2011 (part-time) Associate professor rank	May 25, 2012 11:26 PM
3	Subcontracted by UCI to develop modalities for training modules for CNA/HHAs for a grant from SCAN.	May 24, 2012 7:27 PM

Page 13, Q3. List the college, district, statewide, and/or professional committees on which you have served during the past three years.

1	Coastline Community College Equivalent committee	May 31, 2012 11:16 AM
2	California Council of Gerontology and Geriatrics, Vice Prsident; Executive Board Member CSU Fullerton Center for Successful Aging Board Member OC Older Adult Services Mental Health Task Force Member OC Aging Services Collaborative Coastline Student Success Committee	May 24, 2012 7:27 PM
3	Coastline Academic Senate, Coastline Curriculum Committee, Coastline Mission Plan and Budget Committee	May 24, 2012 11:50 AM

Page 13, Q4. 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?

1	I enjoy summer technology seminars	May 31, 2012 11:16 AM
2	i would like to have an interactive type white board in order to project drawings that I do onto the board-something similar to the overhead projections of the past, but something that could be done via a computer projection.	May 25, 2012 11:26 PM
3	Presently experimenting with visual- and audio-intensive drag and drop assessment innovations relating to the creation of professionally-narrated virtual field trips that are "hands-on" examples of why students should spend their valuable time taking my class. These are part of over 50 virtual field trips which I have created relating to science and technology.	May 25, 2012 7:31 AM
4	I have found the online training modules for Seaport to be very helpful and would like to see them cover more aspects of the learning management system.	May 24, 2012 7:27 PM

Page 14, Q1. Are there other courses in this program that you would like Coastline to offer?

1	Organic Chemistry, Biochemistry, Medicinal Chemistry, Pharmaceutical Chemistry, Environmental Science courses	May 31, 2012 11:21 AM
2	more chemistry courses,	May 28, 2012 6:39 PM
3	I would like to work on designing an introduction to the neurosciences course and to work on an independent dissection course that would make prosections for the anatomy classes	May 25, 2012 11:28 PM
4	Environmental Science course is one possibility that might benefit from the above described virtual field trips and experimental drag and drop assessment methods.	May 25, 2012 7:41 AM
5	Expand chemistry and physics	May 25, 2012 6:31 AM
6	It would be nice to offer the Lecture/Lab course for Geology Majors	May 24, 2012 7:28 PM
7	Marine science to be offered again, environmental science , maybe an ecology class	May 24, 2012 12:12 PM








Page 14, Q2. 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.

1	Health professional related courses such as biochemistry and organic chemistry courses which will greatly help CCC students get into Medical, Dental, Pharmacy, Schools, etc.	May 31, 2012 11:21 AM
2	I am not sure how to word this as a "goal" but I believe we need to establish a minimum standard for our students. Many instructors are allowing students to preview exams for unlimited amounts of time and then take the exact same exam. I believe as a college we need to establish if this is the way we are going to assess our students. The inconsistency from instructor to instructor is frustrating to many students and to the instructors who do not allow this approach to exams.	May 28, 2012 6:40 PM
3	We should continue to determine the needs of our students and how to help them obtain their goals. This involves the ability to design courses that are transferrable to other health care teaching programs.	May 25, 2012 11:28 PM
4	Offer Associate of Science degree in Pre-Allied Health field.	May 25, 2012 8:44 AM
5	Suggest instructors might create virtual field trips that demonstrate to students why they should spend their valuable time enrolling in their classes.	May 25, 2012 7:41 AM
6	Develop one or more A.S. programs Assure that students can get the courses needed to finish those programs in two years (this is a two-year community college!!)	May 25, 2012 6:31 AM
7	A Science Major	May 24, 2012 7:28 PM
8	Offer a major's course in biology.	May 24, 2012 11:51 AM

Page 14, Q3. Do you have any other comments or suggestions for improving the program?

1	Develop a system tracking students' e-mail addresses (1) to inform them what CCC is offering (2) feed back of students' achievements (3) for future donations from highly achieved students.	May 31, 2012 11:21 AM
2	Make available to instructors a professional narrator who might work with instructors in creating virtual field trips so instructors do not have to hire a professional narrator.	May 25, 2012 7:41 AM




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

		Response Percent	Response Count
Coastline Costa Mesa Center		6.5%	10
Coastline Garden Grove Center		32.5%	50
Coastline Le-Jao Center		26.6%	41
Hybrid (part online and part in classroom)		9.7%	15
Online		53.2%	82
Telecourse/Cable		4.5%	7
Other (please specify)		1.9%	3
		answered question	154
		skipped question	0

2. 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	49.3% (34)	42.0% (29)	8.7% (6)	69
To satisfy transfer requirements	68.9% (82)	25.2% (30)	5.9% (7)	119
To earn a certificate	8.7% (2)	26.1% (6)	65.2% (15)	23
To prepare for a new job or improve job skills	25.0% (11)	59.1% (26)	15.9% (7)	44
For personal interest	10.7% (3)	28.6% (8)	60.7% (17)	28
Convenience	15.4% (6)	25.6% (10)	59.0% (23)	39
Other	41.7% (10)	12.5% (3)	45.8% (11)	24
answered question				150
skipped question				4

3. To what extent do the classes you are taking in this program meet your expectations?

		Response Percent	Response Count
The classes are even better than I expected		50.3%	76
The classes are pretty much what I expected		40.4%	61
The classes are not as good as I expected		9.3%	14

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

17

answered question		151
skipped question		3

4. 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	6.7% (7)	14.3% (15)	79.0% (83)	105
Arts and Humanities	15.7% (17)	21.3% (23)	63.0% (68)	108
Communications	8.8% (9)	26.5% (27)	64.7% (66)	102
Physical Education and Health	21.6% (24)	23.4% (26)	55.0% (61)	111
Science and Math	50.0% (60)	6.7% (8)	43.3% (52)	120
Social and Behavioral Sciences	30.4% (34)	26.8% (30)	42.9% (48)	112
answered question				135
skipped question				19

5. 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	5.9% (6)	17.8% (18)	76.2% (77)	101
Business Administration	17.0% (18)	12.3% (13)	70.8% (75)	106
Economics	4.8% (5)	17.3% (18)	77.9% (81)	104
English	11.4% (12)	18.1% (19)	70.5% (74)	105
French	0.0% (0)	9.2% (9)	90.8% (89)	98
Gerontology	4.0% (4)	21.2% (21)	74.7% (74)	99
Health and Fitness	22.0% (24)	29.4% (32)	48.6% (53)	109
History	8.8% (9)	19.6% (20)	71.6% (73)	102
Human Services	10.9% (11)	26.7% (27)	62.4% (63)	101
Liberal Studies (for Teaching)	5.8% (6)	15.4% (16)	78.8% (82)	104
Mathematics	18.1% (19)	19.0% (20)	62.9% (66)	105
Psychology	20.0% (21)	26.7% (28)	53.3% (56)	105
Spanish	2.0% (2)	16.2% (16)	81.8% (81)	99
Sociology	16.7% (17)	19.6% (20)	63.7% (65)	102
answered question				134
skipped question				20

6. 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 Dissatisfied	Response Count
Quality of instruction	50.4% (69)	40.9% (56)	6.6% (9)	2.2% (3)	137
Variety of classes	29.5% (38)	58.1% (75)	11.6% (15)	0.8% (1)	129
Relevance of classes to your academic or vocational needs	46.1% (59)	50.8% (65)	3.1% (4)	0.0% (0)	128
Relevance of assignments and exams to the course material you are studying	45.1% (60)	47.4% (63)	4.5% (6)	3.0% (4)	133
Clarity and comprehensiveness of the instructions for completing assignments	45.5% (61)	43.3% (58)	7.5% (10)	3.7% (5)	134
Adequacy of instructional facilities	48.0% (60)	47.2% (59)	4.0% (5)	0.8% (1)	125
Staff support for the program and classes	45.4% (59)	46.9% (61)	5.4% (7)	2.3% (3)	130
Extent to which faculty and staff meet the needs of culturally diverse students	46.8% (52)	52.3% (58)	0.9% (1)	0.0% (0)	111
Extent to which faculty and staff meet the needs of non-traditional students (e.g., older adults, working adults, active duty military, etc.)	49.2% (58)	47.5% (56)	2.5% (3)	0.8% (1)	118
Overall quality of the program	47.4% (64)	48.1% (65)	3.0% (4)	1.5% (2)	135
Your own success in the program	56.3% (76)	38.5% (52)	3.0% (4)	2.2% (3)	135

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

25



answered question

137

skipped question

17

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

		Response Percent	Response Count
Yes		60.6%	83
No		39.4%	54
answered question			137
skipped question			17

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

	Very Satisfied	Satisfied	Dissatisfied	Very Dissatisfied	Response Count
Quality of instruction in my distance learning course	54.3% (44)	37.0% (30)	6.2% (5)	2.5% (2)	81
Amount of interaction with other students in the class	39.5% (30)	51.3% (39)	9.2% (7)	0.0% (0)	76
Amount of interaction with the instructor	43.0% (34)	45.6% (36)	6.3% (5)	5.1% (4)	79
Speed with which the instructor responds to questions	48.1% (39)	37.0% (30)	8.6% (7)	6.2% (5)	81
Helpfulness of feedback on quizzes, assignments, and/or exams	40.0% (32)	43.8% (35)	10.0% (8)	6.3% (5)	80
Reliability of the technology used to deliver the course	47.5% (38)	41.3% (33)	10.0% (8)	1.3% (1)	80
Adequacy/functionality of the online quiz system in Seaport	53.8% (43)	36.3% (29)	7.5% (6)	2.5% (2)	80
Adequacy/functionality of Scantron quizzes (if used in your class)	50.9% (28)	47.3% (26)	0.0% (0)	1.8% (1)	55
Availability of technical support, if needed	38.5% (25)	53.8% (35)	7.7% (5)	0.0% (0)	65

If you answered that you were Dissatisfied or Very Dissatisfied with any of the above items, please describe the reasons for your dissatisfaction. 17

answered question	82
skipped question	72








9. Age

		Response Percent	Response Count
Under 18		0.0%	0
18-30		49.6%	68
31-45		37.2%	51
46-60		13.1%	18
61 or older		0.0%	0
answered question			137
skipped question			17





10. Gender

		Response Percent	Response Count
Male		30.3%	40
Female		69.7%	92
answered question			132
skipped question			22



11. Ethnicity

		Response Percent	Response Count
African-American		3.7%	5
American Indian/Native Alaskan		0.0%	0
White		45.2%	61
Hispanic		12.6%	17
Vietnamese		15.6%	21
Other Asian		11.9%	16
Decline to State		3.7%	5
Other (please specify)		7.4%	10
answered question			135
skipped question			19



12. Primary Language

		Response Percent	Response Count
English		90.8%	119
Spanish		0.8%	1
Vietnamese		4.6%	6
Other (please specify)		3.8%	5
answered question			131
skipped question			23






13. Are you in high school?

		Response Percent	Response Count
Yes		0.7%	1
No		99.3%	135
answered question			136
skipped question			18

14. Are you active duty military?

		Response Percent	Response Count
Yes		0.7%	1
No		99.3%	135
answered question			136
skipped question			18

15. What is your current employment status?

		Response Percent	Response Count
Not working outside the home		22.8%	31
Working as a volunteer (non-paid position)		2.9%	4
Working 20 hours or less per week		20.6%	28
Working between 21-30 hours per week		14.7%	20
Working full-time		39.0%	53
answered question			136
skipped question			18

16. What is your highest level of education?

		Response Percent	Response Count
Less than high school completion		1.5%	2
High school diploma (or GED)		45.1%	60
Associate in Arts degree		22.6%	30
Bachelor's degree		27.1%	36
Master's degree		3.0%	4
Doctorate		0.8%	1
answered question			133
skipped question			21

**17. 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		47.3%	61
Golden West College		16.3%	21
Irvine Valley College		3.1%	4
Orange Coast College		10.9%	14
Saddleback College		2.3%	3
Santa Ana College		1.6%	2
Santiago Canyon College		0.8%	1
Other community college		8.5%	11
A four-year college or university		19.4%	25
answered question			129
skipped question			25

18. 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 Count
	74
answered question	74
skipped question	80

19. 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**

85

answered question

85

skipped question

69

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

**Response
Count**

70

answered question

70

skipped question

84

21. Do you have any comments or suggestions for improving this particular program?

**Response
Count**

63

answered question

63

skipped question

91

Page 1, Q1. At what location or in what delivery mode are you taking your current class(es) in this specific program? (Mark all that apply.)

1	Field Trips at Specific Locations	May 24, 2012 3:05 PM
2	Moodle	May 24, 2012 10:41 AM
3	independent Study	May 23, 2012 5:28 PM

Page 2, Q2. To what extent do the classes you are taking in this program meet your expectations?

1	It had a lot of detail and examples than I expected.	Jun 7, 2012 10:49 PM
2	The access code was not included in my materials and it was very difficult and time consuming to get someone to help me. There were numerous typos/errors in the learning materials. Test questions did not always seem to reflect material content.	Jun 5, 2012 8:42 PM
3	Though the lessons are very complex, the teacher's explanation is always clear.	May 30, 2012 1:59 PM
4	I love learning from Ms syed Erum She is the best	May 26, 2012 1:57 PM
5	Organization and provision of kits and books was terrible, most students received books 3-4 weeks into 8 week course. Tests and quizzes had incorrect answers, some students took tests and had to incorrect answers corrected in class and in the online test banks, teacher did not always give credit in these cases. The teacher was an excellent lecturer, by the online portion was troubling, particularly with the late introduction of books.	May 24, 2012 7:02 PM
6	Marine Science 100 was excellent and all encompassing. Geology Lab 141 was above average, but some information was not available for labs. Geology 100 was average because there was no expanded activities or interest in the field. California Geology 115 was poor because the assignments were busy work and the exams were too specific to individual assignments and not related to the overall subject material. Basically only specific book related not subject or California interest related.	May 24, 2012 3:10 PM
7	the kit i received in the mail was missing rocks and the black and white pictures in the lab manual are hard to decipher so multiple choice questions about "what type of rock is this?" are very difficult	May 24, 2012 10:13 AM
8	The class is pretty much what I expected, although I was a little surprised that there were NO DISCUSSIONS in his class. I felt like the teacher wasn't even there, because ALL of the tests were graded the minute I took them (via computer grading), and I had almost no teacher involvement. I would have liked to see a lot more interaction between my BIOLOGY instructor and the students...	May 24, 2012 7:52 AM
9	The textbook has many errors, as do the quizzes, and the website is not very helpful.	May 23, 2012 10:30 PM
10	I took two science classes this semester. In my Microbiology class I learned a lot of new information, and I felt that the lab and lecture went together very well. I also took General Chemistry A, this class I felt could of been organized better. To begin with it should of been the same teacher teaching lab and lecture, and another way that would of enhanced the class would of been to maybe have the online lecture have a few podcasts on the lessons that we were learning, that way it wouldn't just be reading, memorizing trivia and answering questions on a test.	May 23, 2012 9:12 PM
11	I am very disappointed and disenchanted by and Ms. Maelanie Galima's teaching style, question wording on the tests, lack of proper review for tests, lack of guidance or support to succeed in her class. She started out the class by saying we were all going to fail and told us to ask an A student, which I normally am, to help us. She has no compassion, no tact and does not care how many	May 23, 2012 8:37 PM

Page 2, Q2. To what extent do the classes you are taking in this program meet your expectations?

people fail or drop due to her inability to guide and teach. I will NEVER take a class with her again and will tell prospective students to take Physiology somewhere else. A nightmare teacher. Jennifer Maya, LVN

- | | | |
|----|---|----------------------|
| 12 | Lack of instruction. Read the text, watch videos, answer questions. Very little stimulus on the discussion board and late response to time sensitive questions. I had to read an additional textbook to be sure that I fully understood some of the concepts, and this required much more time than should be required for the class. | May 23, 2012 8:27 PM |
| 13 | No instruction in the lab part of the class. No effort was made on the teacher's part to ensure that students understood what they needed to do or that they actually performed the lab. Most of the students sat around, talked, and copied the work of the few of us who actually did the lab. I had to refuse to allow anyone who didn't help with the lab to look at my book, but they just found other people to copy. The professor also never returned any work (so I had no idea where I lost a few points on assignments or why) and could not answer questions or explain concepts when asked in class. I ended up explaining most concepts to other students. The professor would even tell me to check on other groups before I left, but he never checked on them himself. | May 23, 2012 7:23 PM |
| 14 | The teacher is not clear. When asked questions she does not know the information. We must constantly correct her during lectures. | May 23, 2012 6:51 PM |
| 15 | The professor's limited English language proficiency creates confusion at times regarding explanation of assignments and in reading/comprehending exam/test questions. | May 23, 2012 6:27 PM |
| 16 | The first class "Networking" is fine (which I took in the previous term), my second course with CCC "Physics" (just finished this month) is really disappointing: (1) No feedbacks for the assignments nor for the exams from the lecturer, students never know what parts of the concepts learnt was correctly understood - i'm sorry but it really give me the feeling that the lecturer is lazy. I never imagine a "science" (as opposite to Arts subject which is supposed to be more subjective in performance measurement) subject can be completely subjective in performance measurement like this "Physics"; (2) Course design is old fashioned and non-attractive, textbook choice is bad and especially those so called "online" demonstration videos are still using Windows-ONLY format, caused lots of problems during the course (you can tell from the student messages posted online); (3) I'm sure many classmates had gave up posting questions (including myself) after a few times without any reasonable responses (especially regarding learning feedbacks) from the lecturer; (4) At least in my case, I had put a very high hope for this course in the beginning. I'm interested in Physics, and wanted to refresh whatever I learnt in high school (which was more than 30 years ago), but ever since I submitted the first two assignments (which I had spent quite some time in completing) for this course, I found that the way this course is carried out is seriously discouraging students in pursuing real knowledge, instead I just wanted to finish it asap and avoid taking the same type of course or same type of lecturer if possible because it is a waste of time and my energy; | May 23, 2012 6:18 PM |
| 17 | The tests had nothing to do with the course material. Very difficult to follow. | May 23, 2012 5:23 PM |

**Page 4, Q1. 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.)**

1	I have been very satisfied with not only the Coastline Community College Science program (available online). My only disappointment as a full time employee is that there aren't enough courses available online. I petitioned BIO100L last semester and didn't make the cut but got into summer session so it hasn't been a huge disruption in my degree goals.	Jun 1, 2012 12:12 PM
2	I am concerned that a biology professor was the instructor for an anatomy course. There were questions that the instructor was not able to answer, yet I was. I understand that this instructor is a professor at a notable university, however, I feel that someone who working in the field should be teaching the class. The instructor's lessons were very unorganized, and the only time the instructor was on time was on practicum days. I believe in this instructor's desired field, they would excel in lectures and I would actually try to take a course with them. However, if I had not already taken this course while obtaining my BS I do not believe I would have been able to do very well in it.	May 31, 2012 8:57 PM
3	We need more science classes. I was only able to get into the Chem 180 class, but all the other science classes (as required for the Physician Assistant program that I'm trying to apply into), were ALL FULL.	May 30, 2012 10:28 PM
4	In all honesty, I don't really know what I want to be, but I am trying to get an AA in history and some of the classes I have had to take seemed useless for that goal (like the required life science class).	May 30, 2012 4:23 PM
5	Geology is hardly relevant to Social Services, but I understand it is a requirement.	May 30, 2012 3:08 PM
6	I was satisfied with the overall quality of the instructor and the course. However, the instructor frequently changed class meeting time, exam time, and other course schedules which caused confusion.	May 28, 2012 10:42 PM
7	Needs to improve email response time	May 26, 2012 5:15 PM
8	I feel the classes have to.much material and not enough time to comprhed when students are having to retake classes to try to understand all the material in such a short period of tmes. For example a teacher tells you that you have an exam next wek and gives you the study guide a few days before the test. I have more concerns but it doesntseem to matter. I'm only one student to the other millions. Have a great day.	May 26, 2012 9:01 AM
9	I would have appreciated a place where I could have gone to help me with the labs during the times that I got stuck.	May 25, 2012 8:18 PM
10	The professor did not make it clear what assignments were actually due for a grade and what were not. The whole time I was worrying whether or not I was turning in the correct assignments.	May 25, 2012 8:57 AM
11	Some of the areas such as geology have very limited classes. Also, some have instructors such as California Geology that do not give clear explanations or reviews and make corrections without explanations, plus they do not return emails before the next assignments to make corrections. The California Geology 115 class was almost impossible to make corrections and do the exams. The	May 24, 2012 3:24 PM

**Page 4, Q1. 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.)**

	<p>questions were too specific and the assignments were too little points to keep a grade high. The exams were too specific to book information and not affording interest or overall ideas of the California Geology. Marine Science and Geology Lab were very adept at making real life applications and interest in the overall subject matter. Geology Lab and Marine Science instructors and staff were interested in these applications and willing to make corrections to course content to further these goals. Community College should be about preparing students for real life applications since this may be the last college they attend.</p>	
12	I am not satisfied that a lot of the classes are not offered during the summer and many of the classes have been cut off.	May 24, 2012 2:14 PM
13	Some staff tend to be very self-focused.	May 24, 2012 12:30 PM
14	I'm not sure if this survey relates to my biology class, or my geology lab. My answers are based on a combination of both. My only complaint is the program and support for Moodle. What a terrible system. It's cumbersome, support is limited, and you can't share lab kits.	May 24, 2012 10:45 AM
15	I loved my Anatomy course with J. Giancarlo, I learned so much. Yet this semester I took Physiology with Galima and learned nothing. She did not explain things, the students had to correct her power points, and she didn't know the answers to most of our questions during lectures.	May 24, 2012 10:28 AM
16	As I mentioned earlier, my instructor was practically NON-EXISTENT. He rarely responded to people, posted discussions, etc. I did a discussion as extra credit, and I don't think he even responded to me. I'm not even sure if I DID or DIDN'T get credit for it. In fact, I need to look back to see if I actually got a grade for that! That's HOW LITTLE interaction the Biology students had with the instructor!	May 24, 2012 7:55 AM
17	Found it difficult to get issues resolved with the program materials purchased for the new Geology class. The teacher did an excellent job of trying to facilitate but this is something that should have been realized by the bookstore PRIOR to the start of the semester. They didn't even know there was a problem until I brought it to the attention of the teacher, who then worked to resolve it. It was finally resolved 3 weeks into the semester. This was disappointing to me.	May 23, 2012 9:34 PM
18	Overall I was satisfied with the both courses I took in the science field this semester. However I would like to add that I was more satisfied with the Microbiology class then I was with the Chemistry. I felt that the Chemistry class could of been more organized, and that there was a lack of connection between the lab and lecture due to the fact that it was being thought by two different teachers.	May 23, 2012 9:17 PM
19	Incompetent teacher Maelanie Galima	May 23, 2012 8:40 PM
20	Nice student to teacher ratio but no organic Chem or higher math levels to compete with occ	May 23, 2012 7:55 PM
21	Very competitive to get classes and not many are offered.	May 23, 2012 7:38 PM
22	Stated in the previous box. There was no instruction or oversight in this class. I	May 23, 2012 7:23 PM

**Page 4, Q1. 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.)**

was highly dissatisfied with the class even though I have an A in it.

- | | | |
|----|--|----------------------|
| 23 | Quality of instruction: referring to the "Physics" course I just finished, not the previous course Variety of classes: it is just a suggestion, not really dissatisfied: could have more classes on Medical/Healthcare (e.g. Acupuncture), and more online courses Assignments: please refer to my opinion for the previous question Non-traditional students: again it is just a suggestion: could allow more involvements in opening new courses from "experienced" students, not only through some one-time suggestions surveys; could set up some kind of student committees comprises of "non-traditional students" | May 23, 2012 6:36 PM |
| 24 | Instructor at times appears disorganized. Study guides provided for exams are not representative of the questions actually asked on exams. Due dates for assignments are often changed from the written syllabus to a verbal amendment. | May 23, 2012 6:32 PM |
| 25 | Debroah Seacord is EXCEPTIONAL ! First Rate instructor. McNamara is a train wreck. Won't respond to emails promptly and always seems to "pass the busk" when he finally does. Very disappointed especially when he is teaching a 1 unit class with VERY EXPENSIVE materials. He should care more. | May 23, 2012 5:26 PM |

**Page 6, Q1. If you are taking a class in this program in a distance learning or hybrid format, please indicate the extent of your satisfaction with each of the following distance learning elements.
(Skip any items that are not applicable to you.)**

1	It would be nice if the quizzes told you not only what you did wrong but also what the correct answer was. I also hate scantrons, just despise them, because it is so easy to skip a question with a scantron and then find that you have been giving answers to the wrong questions for the last 15 questions.	May 30, 2012 4:33 PM
2	Instructors need to interact more with students, weekly updates and quicker grading would be helpful to know where you stand in the course.	May 30, 2012 3:10 PM
3	I could not get the seaport or moodle (not sure which one is responsible) to process my online assignments accurately and half way into my final exam last week, it kicked me out of the test and took me straight to a review session showing the last 20 questions which gave me an F for the final. I heard that sometimes when you accidentally touch the space bar that happens. So I am stuck not knowing if I can finish and get the grade I was hoping for after a whole semester of class.	May 29, 2012 12:05 AM
4	I feel instructors should encourage more student interaction, maybe some type of group assignments. The only time that I interact with my classmates is when someone asks me a question. Most of the students keep their email address private and are not interactive. We do not get to see why we missed question on the quizzes and mid terms etc., so how do I know why I got something wrong?	May 26, 2012 9:20 AM
5	during finals of the 8 weeks class system was under maintenance while main college was on spring break. Consideration was not given to 8 week classes and no one was available to assist except instructor since it was spring break.	May 25, 2012 8:42 PM
6	The quality of instruction varies greatly as does the responses to questions and feedback. The technology has many glitches and the support staff passes the answer to the instructors who pass it back to the support staff. It took quite a bit of time and effort to correct technology mistakes. I am taking 5 science and math courses and all vary greatly in interest and quality of instruction. In Marine Science 100 and Geology Lab 141 these instructors were quick to respond with all questions and feedback. California Geology 115 was slow to respond, with incorrect feedback requiring another email and too late to correct mistakes. In addition, there was absolutely no general feedback or reviews or explanations in California Geology 115. Just a vague idea of assignments and marking down grades for specific mistakes not mentioned in the criteria.	May 24, 2012 3:32 PM
7	Dissatisfied on technology reliability only applies to moodle, not seaport	May 24, 2012 10:46 AM
8	I wish there was a room to post discussion topics. There was hardly any interaction at all between classmates.	May 24, 2012 10:38 AM
9	instruction was often confusing and it was often difficult to get a timely response which limited available study time.	May 24, 2012 10:33 AM
10	Again, there needs to be more instructor interaction... I felt like I was in a class on my own, with no other students, or instructor.	May 24, 2012 7:57 AM
11	Trouble with some of the tests sent through Seaport for Humanities due to	May 23, 2012 9:47 PM

Page 6, Q1. If you are taking a class in this program in a distance learning or hybrid format, please indicate the extent of your satisfaction with each of the following distance learning elements. (Skip any items that are not applicable to you.)

	loading issues. It nearly cost me dearly on my mid-term. I was able to contact the teacher, explain the situation, and she accepted the results but it was very stressful! This was not a unique experience as I spoke with others who faced the same issues. When I needed it the most, I got no help from technical support. :(
12	Impossible to reach teacher.	May 23, 2012 8:41 PM
13	There was no instruction in this course for the "online class" portion, nor for the lab portion. Assignments were never returned. No interaction was required for the online portion and very little was required for the lab. Most students did no work in lab.	May 23, 2012 7:23 PM
14	Please refer to my previous opinion for details Online quiz: should provide the correct answers to the students who had made mistakes in the quiz so they can learn exactly what they did wrong	May 23, 2012 6:39 PM
15	The teacher in my Psychology class never replied to my question when I sent her an email once. Also, our class had a lot of trouble with the seaport system. Quizzes were sometimes unavailable or didn't contain any questions with the result of an "F" for that quiz	May 23, 2012 5:36 PM
16	My telecourses were not on cable. I had to stream one online and go through a hassle to obtain the DVD for another.	May 23, 2012 5:29 PM
17	Seaport is OK - MOODLE is a joke. DUMP IT! NOT user friendly at all.	May 23, 2012 5:27 PM

Page 7, Q3. Ethnicity

1	hispanic/white	Jun 8, 2012 10:58 AM
2	Heinz 57	Jun 6, 2012 10:31 PM
3	Chinese American Born	Jun 4, 2012 10:28 PM
4	African-American and Hispanic	May 30, 2012 2:07 PM
5	Indian	May 29, 2012 10:31 AM
6	white-hispanic	May 29, 2012 9:17 AM
7	egyptain	May 27, 2012 6:32 PM
8	Filipino	May 24, 2012 12:31 PM
9	Mix Hispanic/Asian	May 23, 2012 7:55 PM
10	LATINO	May 23, 2012 7:20 PM

Page 7, Q4. Primary Language

1	korean	May 29, 2012 4:52 PM
2	aremenian and farsi	May 25, 2012 8:42 PM
3	Czech	May 23, 2012 10:34 PM
4	Chinese	May 23, 2012 9:22 PM
5	German	May 23, 2012 5:37 PM

Page 10, Q1. In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

1	Accomplish my 4 year degree at CSUS	Jun 7, 2012 7:56 PM
2	From taking these courses, I hope to satisfy the requirements necessary for graduating from a four year university.	Jun 6, 2012 10:46 AM
3	Want to accomplish getting my A.S. degree.	Jun 6, 2012 7:57 AM
4	I want to eventually earn a Bachelor's degree.	Jun 6, 2012 2:13 AM
5	Human Anatomy: I took it at another JC, and it was unsatisfactory. Instructor was not very accommodating to the students. Students usually dropped out of course after first exam, so sad. I loved Human Anatomy! I learned so much this semester, and feel like it will enable me to move on in my studies.	Jun 4, 2012 10:33 PM
6	n/a	Jun 1, 2012 12:43 PM
7	I personally am only interested in full filling GE requirements for my BA in Business Administration.	Jun 1, 2012 12:23 PM
8	I am taking classes strictly to meet prerequisites for nursing school.	May 31, 2012 9:09 PM
9	Need to satisfy lower division requirements for my BSN	May 31, 2012 5:43 AM
10	I just want to get my AA degree	May 30, 2012 4:45 PM
11	I want to accomplish a well understanding of the subject and great a good grade	May 30, 2012 2:12 PM
12	Coastline classes satisfy my needs.	May 30, 2012 2:08 PM
13	I am enjoying self exploration which I can assess the topic and decide if I want to pursue it in greater depth	May 30, 2012 9:39 AM
14	Bio 210 was a requirement for Nursing School. I waited 1 year to be admitted into this course.	May 30, 2012 9:05 AM
15	I want to learn more about science and the relevance to everyday life. I want to learn about different chemical and physical reactions, and the biology of things.	May 30, 2012 12:55 AM
16	I want to finish up my AA degrees and transfer but have really enjoyed this online geology lab class. I learned a lot of interesting things for 1 unit!	May 29, 2012 11:21 PM
17	They were prerequisites for nursing programs.	May 29, 2012 12:22 PM
18	I want to learn as though I am at any college level course. To be challenged and not be "shell shocked" when I transfer to a four-year university. I hope that the courses are just as challenging at a university level so that when I do take upper-division courses I can maintain the adequate level of critical thinking needed to complete the course with the kind of understanding to be able to compete when other individuals I land a job.	May 29, 2012 10:54 AM
19	I want to be able to get into a nursing program for my BSN	May 29, 2012 7:45 AM
20	I have taken prerequisite science courses to satisfy the requirement for a	May 28, 2012 10:50 PM

Page 10, Q1. In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

	professional master's program (Physician Assistant Studies).	
21	Transfer to get a bachelor's degree for career purposes.	May 28, 2012 11:02 AM
22	Availability of classes to complete requirements.	May 28, 2012 8:47 AM
23	Like to get my general studies done at Coastline and get a A.A. in Social Sciences	May 28, 2012 8:29 AM
24	I wanted to enrich my knowledge in science, which I have successfully accomplished in taking courses here at CCC.	May 27, 2012 12:51 PM
25	become a physician assistant	May 26, 2012 5:18 PM
26	Obtain all A's in prerequisite courses to have a better chance of admissions to a health sciences program.	May 26, 2012 2:45 PM
27	Microbiology allowed me to help with my husbands illness.	May 26, 2012 2:04 PM
28	Transfer to a 4yr	May 26, 2012 9:22 AM
29	I would like to take what I have learned onto my goal of becoming a C.R.N.A.	May 26, 2012 2:52 AM
30	college credit	May 25, 2012 11:08 PM
31	Prepare for graduate school.	May 25, 2012 9:21 PM
32	to fulfill general requirement for bachelor's degree	May 25, 2012 8:47 PM
33	I want to be able to finish my prerequisites for transfer into my major at a four year university.	May 25, 2012 6:56 PM
34	Just taking these courses to full-fill my transfer requirements	May 25, 2012 1:10 PM
35	I want to learn and succeed in the subjects that I take.	May 25, 2012 10:51 AM
36	The purpose of the courses In this department will allow me to transfer to Nursing school.	May 25, 2012 9:15 AM
37	Learn basics for job necessity	May 25, 2012 7:23 AM
38	Basically the classes I have taken or will be taking are retakes of courses I have taken at UCI.My goal is to get better grades and be able to understand the topics better.	May 24, 2012 11:14 PM
39	I just want to continue my pre-reqs so I can go on to Nursing school.	May 24, 2012 8:13 PM
40	An IGETC Certification and and AA degree to transfer to a four year university and possible interships or jobs in the interim.	May 24, 2012 3:44 PM
41	I want to accomplish taking the classes I need to transfer to a certificate program.	May 24, 2012 2:52 PM

Page 10, Q1. In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

42	I'm taking classes to fulfill my prerequisite for nursing programs that I am applying for.	May 24, 2012 2:17 PM
43	I want to be financially independent. I am 38 yrs old, and have been a stay at home mom. I have biology and chemistry background, and the certificate of achievement course in Biological Laboratory Technician seems just created for me.	May 24, 2012 11:27 AM
44	I just wanted to pass my science so I could graduate	May 24, 2012 10:36 AM
45	i wanted to take a transferable GE for a cheaper price	May 24, 2012 10:15 AM
46	I needed some General Education courses to transfer some of my credits from my culinary degree to a Elementary Ed. degree.	May 24, 2012 7:59 AM
47	Prerequisite for Nursing	May 24, 2012 7:56 AM
48	I took my science course mainly to meet general ed requirements	May 24, 2012 7:14 AM
49	Just trying to take classes at a cheaper rate than the university I'm attending	May 24, 2012 6:58 AM
50	There are some courses that are not offered at UCI but they are offered here. Also, there are some interesting classes like pharmacology that I would like to take in the future here.	May 24, 2012 5:24 AM
51	I am taking Chemistry class and yoga class at Coastline this semester. The most I want to learn is to transfers.	May 24, 2012 12:39 AM
52	prep for UCLA	May 23, 2012 11:44 PM
53	I want to be able to complete my prerequisite classes for physical therapy within a timely manner. The cutting back of the science classes, especially in Chemistry, has made a bit of challenge. It has set back my educational goals.	May 23, 2012 11:05 PM
54	Get out of taking more science calsses at ASU	May 23, 2012 10:40 PM
55	n/a	May 23, 2012 10:00 PM
56	I want to satisfy my general education requirements.	May 23, 2012 9:58 PM
57	I'm a return student and I needed Bio and Pol Science for complete my BS at CSUDH	May 23, 2012 9:52 PM
58	I want to learn more about computer classes such as Access.	May 23, 2012 9:33 PM
59	Have basic knowledge of a science and fulfil ge.	May 23, 2012 9:31 PM
60	I want to have a solid foundation in all the sciences so that I can go to my upper division classes and be successful.	May 23, 2012 9:25 PM
61	To assist me into enrolling in RN school.	May 23, 2012 8:51 PM
62	Finish prerequisites for a nursing program.	May 23, 2012 8:26 PM

Page 10, Q1. In your own words, please tell us what you most want to learn or accomplish from taking courses in this particular program at Coastline?

63	Pre req for grad school that I didn't take at the university. Why did I spend so much money at a UC and I learned more at coastline? Should woulda could	May 23, 2012 8:03 PM
64	I wanted to gain a greater understanding of physics and its applications in our world and for the classroom in which I will teach.	May 23, 2012 7:24 PM
65	I would like to learn math	May 23, 2012 7:13 PM
66	planning tp transfer	May 23, 2012 7:03 PM
67	Satisfy prerequisites for RN program	May 23, 2012 6:43 PM
68	I am trying to satisfy transfer requirements.	May 23, 2012 6:31 PM
69	AA degree in Business	May 23, 2012 6:21 PM
70	i just wanted to pass for the transfer credits	May 23, 2012 5:58 PM
71	I want to be bale to transfer to CalState University Fullerton fall 2013	May 23, 2012 5:38 PM
72	The foundations for my area of academic study, as well as personal enrichment.	May 23, 2012 5:32 PM
73	I am entering nursing school. I wanted to get a solid background in pharmacology before I started. The Class I took at CCC was excellent	May 23, 2012 5:29 PM
74	Requirement for transfer	May 23, 2012 5:29 PM

Page 10, Q2. Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program.

1	Ease of website use...it BLOWS AWAY the program online at Sac State, and classes there were \$1,100.00 EACH	Jun 7, 2012 7:56 PM
2	Instructors are always an email or discussion board away.	Jun 6, 2012 10:32 PM
3	Warwick was an extremely helpful teacher. He helped with any need I had, unlike Bach my distance learning government class. That guy is out of hurt the students.	Jun 6, 2012 10:46 AM
4	The learning experience. The information being taught is very useful towards my major.	Jun 6, 2012 7:57 AM
5	The instructors have been great to work with.	Jun 6, 2012 2:13 AM
6	My instructor, Dr. Tracey Magrann. She is outstanding educator and does an excellent job in making sure you master her coursework.	Jun 4, 2012 10:33 PM
7	n/a	Jun 1, 2012 12:43 PM
8	The all time best on-line course I have taken was through OCC and it was Psychology 100 taught by Professor Deborah Maher. She was phenomenal and really made her on-line lectures extremely interesting and very memorable. Prof. Maher's technique of lecture / workbook / exercises really stuck with me. I actually recalled her name from memory which is unusual for me.	Jun 1, 2012 12:23 PM
9	I am so happy that I was actually able to get into a science class in my first semester. Thank you.	May 31, 2012 9:09 PM
10	The interaction and availability of my instructor in my Statistics class	May 31, 2012 5:43 AM
11	Being able to get into the CHEM 180 class (while all the other colleges/classes were full). I was very grateful to find this open class(as a new student coming in without any registration priorities). Oh, and Prof. Marcus was great!	May 31, 2012 3:02 AM
12	I don't remember positive experiences too well. However I think that registration at coastline is easy compared to GWC (which is a nightmare), and I have had some really good classes and teachers, like the geography teacher I had last fall semester, he was good.	May 30, 2012 4:45 PM
13	The professors' readiness to assist students in their questions, understanding of the subject and their flexibility in test scheduling.	May 30, 2012 2:12 PM
14	The atmosphere in class is comfortable.	May 30, 2012 2:08 PM
15	I have very much enjoyed Children's Literature, Philosophy, the finance class, communications, programs to name a few. the instructors were prompt in responses, the assignments adequately followed the material presented, and the schedule was fair and reasonable.	May 30, 2012 9:39 AM
16	Good instructors. Especially Dr. Henry.	May 30, 2012 9:05 AM
17	Having such a wonderful professor who is willing to help answer any questions that we needed help on in class. Professor Chang made chem class more	May 30, 2012 12:55 AM

Page 10, Q2. Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program.

	bearable and he made easier to ask for help. He was very kind and willing to help with any chem question. Usually I'm too shy to ask for help or ask questions but he made Chem a lot easier.	
18	Practical studies about map reading and differentiating the different kinds of rocks. I enjoyed learning about earthquake faults and how groundwater travels. There were so many everyday practical studies to be learned from this one class. I think the map studies were very helpful.	May 29, 2012 11:21 PM
19	I gained extensive knowledge about my desired subject (anatomy, physiology, and pharmacology) and am better prepared for future learned. I learned so much from Dr. Wahba and Prof. Giancarlo!	May 29, 2012 7:08 PM
20	Professor Raj Sidhu is an AMAZING teacher. He really knows his stuff and cares about his students' success. Very effective and enjoyable	May 29, 2012 6:04 PM
21	utilizing power point and having power point slides available to students was really helpful.	May 29, 2012 4:58 PM
22	I really enjoyed Dr. Forsgren and Dr. Wahba.	May 29, 2012 12:22 PM
23	I like that the professors have backgrounds from very profound institutions and could have essentially worked anywhere; however, they chose Coastline to teach so that says a lot about their passion in wanting to educate their students and spread their knowledge in their field.	May 29, 2012 10:54 AM
24	I have had all good experiences at coastline, from parking to my instructors. My art appreciation teacher Mrs Shelly was awesome and informative. My Statistics teacher, Mrs Lee was so helpful and encouraging and always responded quickly to emails and the discussion panel. My anatomy teacher, Raj, was so good to, you could tell he really enjoys teaching the subject of anatomy and was very informative and was so helpful in preparing for our exams	May 29, 2012 7:45 AM
25	I love how the course utilizes technology (website) as a hybrid course. It saves me a lot of commute time since I am a full-time working adult as well as a college student. I have not had any problems using the website.	May 28, 2012 10:50 PM
26	Convenience of online classes.	May 28, 2012 11:02 AM
27	The quizzes and online testing. The additional information through interviews and videos from subject matter experts.	May 28, 2012 8:47 AM
28	Biology was a delite and scructured well.	May 28, 2012 8:29 AM
29	The professor is amazing, enthusiastic, and very knowledgeable.	May 27, 2012 12:51 PM
30	friendships made	May 26, 2012 5:18 PM
31	Meeting new friends.	May 26, 2012 2:45 PM
32	Ms Syed Thought me to be more wise with my reading in micro, to apply in my current and future position as a nurse.	May 26, 2012 2:04 PM

Page 10, Q2. Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program.

33	The ability to take classes through the distance learning dept while incarcerated.	May 26, 2012 9:22 AM
34	Very flexible classes and classes don't get filled as quickly as other community colleges	May 26, 2012 2:52 AM
35	Obtaining credit for the course	May 25, 2012 11:08 PM
36	Teachers dedication and helpfulness to students.	May 25, 2012 9:21 PM
37	the convenience of online classes and variety	May 25, 2012 8:47 PM
38	I enjoy the online classes because of the flexibility, and the convenience for my schedule. I would not have been able to do this without the online option.	May 25, 2012 6:56 PM
39	I love the online classes, very easy to understand, instructors are great	May 25, 2012 1:10 PM
40	I loved all my classes that I have taken in coastline!	May 25, 2012 10:51 AM
41	The professor of the course was excellent and I really like the intimate and very clean campus.	May 25, 2012 9:15 AM
42	Teachers are there if you need help	May 25, 2012 7:23 AM
43	I have definitely learned much more at Coastline than I did at UCI, mainly because the class sizes are smaller and I get more interaction with instructors.	May 24, 2012 11:14 PM
44	Anatomy with Dr. Magrann. :)	May 24, 2012 8:13 PM
45	I really like that coastline offers lower level Bio & Chem classes online while also taking the lab section online. I am 27 and working on prerequisites to get into a nursing program and being able to take classes online through coastline has allowed me enough time to still work and not worry about driving back and forth to school everyday. Unlike other community colleges in the area, coastline seems to work with that average adult and not just cater to students out of high school.	May 24, 2012 6:41 PM
46	Attending field trips in Marine Science 100 and Geology Lab 141 that are fun, interesting, and count for points.	May 24, 2012 3:44 PM
47	The ease of use with the long distance learning classes.	May 24, 2012 2:52 PM
48	The amount of student to teacher ratio is great. Instructors have been really helpful and it's a great learning environment.	May 24, 2012 2:17 PM
49	Class availability	May 24, 2012 11:27 AM
50	Staff are really friendly.	May 24, 2012 11:27 AM
51	Working on line at my own pace.	May 24, 2012 10:48 AM
52	It was as flexible as online classes should be.	May 24, 2012 10:40 AM
53	The ease in which the instructor made an what is normally an exceptionally hard	May 24, 2012 10:36 AM

Page 10, Q2. Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program.

	class for me seem effortless.	
54	Giancarlo was an amazing inspiration and professor. She taught us in a way where we actually learned and could put our studies to use. She was helpful in any material we did not understand. Professor Giancarlo made me excited to start my new career path.	May 24, 2012 10:29 AM
55	I actually got an "A" in Biology, while it's no secret that I'm more of an "ART" brain than a "Scientific" brain!	May 24, 2012 7:59 AM
56	Microbiology - Instructor/Instructor's Aide both EXTREMELY helpful	May 24, 2012 7:56 AM
57	The quick response to questions from the instructors of the online classes	May 24, 2012 7:14 AM
58	Taking statistics. My instructor was great	May 24, 2012 6:58 AM
59	The teachers are really informative and they tell you exactly what they expect from you. They are always there to help you and respond to emails quickly.	May 24, 2012 5:24 AM
60	No	May 24, 2012 12:39 AM
61	I started out in the STAR program and move onto to a four-year school. The STAR program is AWESOME!! And let me just that Karen McLucas is a wonderful and talented lady! The STAR program is especially great for those working adults that want to start their education but can't do it due to daytime working hours. I still continued to attend Coastline while attending a four year college to fulfill my prerequisites for physical therapy, after I got done with the STAR program.	May 23, 2012 11:05 PM
62	I loved my yoga class with Suzy Hazard. I learned how to relax and enjoy every day. It helped me to be more focus on my daily tasks. I found the balance between my body and mind.	May 23, 2012 10:45 PM
63	Bio 101 was very good.	May 23, 2012 10:40 PM
64	n/a	May 23, 2012 10:00 PM
65	I have been very pleased with the quality of both teachers I have had and their prompt responses to questions and issues that arose over the course of the semester. Both were organized and prepared. They both did a wonderful job!	May 23, 2012 9:58 PM
66	I love CCC online program and class schedule!!	May 23, 2012 9:52 PM
67	I had an excellent experience with distance learning.	May 23, 2012 9:33 PM
68	The material was covered very well in the lessons.	May 23, 2012 9:31 PM
69	The most positive experience was having Dr Guterrez as a teacher. He is very knowledgeable and with the help of his student assistant they answered every question I had regarding the class, and helped me stay focused.	May 23, 2012 9:25 PM
70	Not having to go to class in my telcourse.	May 23, 2012 8:51 PM

Page 10, Q2. Please tell us what your most positive experience has been in any of the Coastline classes you have taken in this particular program.

71	I've taken CIS, anatomy, and physio. All of the instructors have been no-nonsense and comprehensive. It's more fitting to my status as an older adult returning to college.	May 23, 2012 8:26 PM
72	Great student to teacher ratio. I get to know the professors. Questions can be asked with ease.	May 23, 2012 8:03 PM
73	I like the instructor. She tries her best to have us succeed/understand the course.	May 23, 2012 7:43 PM
74	I have no positive experiences to share about this class and this is the only class I have taken at Coastline. The only positive I can find at all is that I like the Seaport system and find it much more reliable than other systems I have used at other colleges.	May 23, 2012 7:24 PM
75	the Biology 100 course gives me time to do the work and I don't have to rush	May 23, 2012 7:13 PM
76	the support and flexibility available for adult students	May 23, 2012 7:03 PM
77	Easy and smooth experience in registration and enrollment.	May 23, 2012 6:49 PM
78	Online/telecourse for psychology was fantastic!	May 23, 2012 6:43 PM
79	Availability of online classes are great.	May 23, 2012 6:31 PM
80	I like taking quizzes online at home, it's convenient.	May 23, 2012 6:21 PM
81	education 200 with sharon yaron, she was very involved and i very much enjoyed her classes and meeting with her for midterm and final	May 23, 2012 5:58 PM
82	for an online course, the feedback from the professor exceeded my expectations	May 23, 2012 5:42 PM
83	Great teachers that were there to help out	May 23, 2012 5:38 PM
84	Professor Giancarlo was exceptional. She made her teaching very practical so that I was easily able to grasp the concepts and observe them in action where I work (At the telemetry Unit in a hospital)	May 23, 2012 5:29 PM
85	Debroah Seacord is VERY GOOD. I have taken another class with her and I am very pleased. One of my favorites.	May 23, 2012 5:29 PM

Page 10, Q3. Are there other courses or degree programs that you would like Coastline to offer?

1	Programming courses	Jun 6, 2012 10:46 AM
2	Right amount of classes needed.	Jun 6, 2012 7:57 AM
3	No.	Jun 6, 2012 2:13 AM
4	More basic classes, right now @ Le-jao center (specifically) it's kinda limited as to what they offer. The other locations are fine.	Jun 4, 2012 10:33 PM
5	No	Jun 1, 2012 12:43 PM
6	Once I complete my GE course I plan to take the Cisco CCNA courses in preparation for the CCNA Exam. I would LOVE if CCC would add the CCNA Voice course and an Enterprise Scripting course.	Jun 1, 2012 12:23 PM
7	I am almost in the summer Chemistry class, one person away (waitlisted).	May 31, 2012 9:09 PM
8	MORE SCIENCE AND HEALTH CLASSES	May 31, 2012 3:02 AM
9	how about one for writing comic books.	May 30, 2012 4:45 PM
10	Nursing.	May 30, 2012 3:11 PM
11	No, you are offering enough programs	May 30, 2012 2:12 PM
12	Writing, Communication, Biology, Political science, Sociology, Psychology.	May 30, 2012 2:08 PM
13	I would like to see Coastline Offer more Allied Health Professions such as Electrocardiogram Readings, an introductory sleep evaluations class, an introductory pharmacology class as examples.	May 30, 2012 9:39 AM
14	Health Occupations would make it easier to transfer to B.A. programs in the health fields.	May 30, 2012 9:05 AM
15	no.	May 30, 2012 12:55 AM
16	More math classes offered would be nice, they are hard to get into.	May 29, 2012 11:21 PM
17	N/A, I'm transferring to a private school for nursing school	May 29, 2012 7:08 PM
18	offer the physical therapy assistant program	May 29, 2012 6:04 PM
19	i like to take a microbiology class	May 29, 2012 4:58 PM
20	Entry-level ADN program.	May 29, 2012 10:54 AM
21	no	May 29, 2012 7:45 AM
22	Organic chemistry A and B. Due to health care changes in the United States and the fact that we have a huge demand for primary care physicians, the college should accommodate students to accomplish their prerequisite requirements for medical school and other allied healthcare professional schools - nursing, physician assistant studies, OT, PT, pre-med, etc. At this point in time, cutting science classes would be an opposite action to what needs to be done to	May 28, 2012 10:50 PM

Page 10, Q3. Are there other courses or degree programs that you would like Coastline to offer?

	prepare this country for medical service shortage in the near future.	
23	More availability of the required courses.	May 28, 2012 8:47 AM
24	Everything is fine to me.	May 28, 2012 8:29 AM
25	Nothing that I have thought of	May 27, 2012 12:51 PM
26	medical terminology	May 26, 2012 5:18 PM
27	No.	May 26, 2012 2:45 PM
28	Rn programs	May 26, 2012 2:04 PM
29	Yes, more nursing G.E.s	May 26, 2012 2:52 AM
30	no	May 25, 2012 11:08 PM
31	Organic Chemistry	May 25, 2012 9:21 PM
32	i am not sure since I am don with my bachelor's and will be working on masters degree.	May 25, 2012 8:47 PM
33	More science courses.	May 25, 2012 6:56 PM
34	No.	May 25, 2012 10:51 AM
35	I really would appreciate if Coastline offered more courses in Biology, such as cell and molecular as these classes are important for further education in universities.	May 24, 2012 11:14 PM
36	Not Applicable	May 24, 2012 9:19 PM
37	Yes, Nursing. Also, more Summer courses so that pre-reqs can be obtained quicker.	May 24, 2012 8:13 PM
38	I would like a degree program in Geology and courses in Geology and Marine Science such as Coastal Oceanography, Biomes specific courses such as the San Bernardino Mountains, and Physical Geology.	May 24, 2012 3:44 PM
39	Human movement, exercise physiology and or more anatomy and physiology classes	May 24, 2012 2:52 PM
40	More science classes	May 24, 2012 2:17 PM
41	More science classes.	May 24, 2012 11:27 AM
42	n/a	May 24, 2012 10:36 AM
43	N/a	May 24, 2012 7:59 AM
44	n/a	May 24, 2012 7:56 AM
45	Arabic	May 24, 2012 7:14 AM

Page 10, Q3. Are there other courses or degree programs that you would like Coastline to offer?

46	No	May 24, 2012 6:58 AM
47	KEEP THE SCIENCE CLASSES.	May 24, 2012 5:24 AM
48	The most I want to learn to transfer to university. I do need courses science to transfer to get better job in my future.	May 24, 2012 12:39 AM
49	Yes. if you're gonna state that in order to get into a class you need to have a prerequisite class (like requiring Chem 130 as a prerequisite for Chem 180) then PLEASE OFFER IT. Chem 130 has not been offered in years. And advising students to take it at Golden West and OCC is not the answer. If Golden West and OCC gave seniority to anyone within the district, like Coastline students, then that would be a good advise. But trying enroll into OCC and Golden West, when you've never attended, presents a challenge in attaining an early registration date, especially with all the budget cuts. I tried that. It didn't work. So please, if you're going to have a prerequisite, make sure to offer it. Furthermore, the only chemistry classes that were offer for this semester (spring 2012) were Chem 180 & 185! What was that about??	May 23, 2012 11:05 PM
50	I would like Coastline to offer more physical education courses. I am particularly interested at Yoga Teacher Training program.	May 23, 2012 10:45 PM
51	not really	May 23, 2012 10:40 PM
52	yes	May 23, 2012 10:00 PM
53	AHIMA and AMA certification (CA Medical Records coding) I know you offer medical coding, however in order to get hired at my job as a coder my certification must be from AHIMA or AMA. In addition, it would be nice if you have an nursing program :-)	May 23, 2012 9:52 PM
54	No	May 23, 2012 9:33 PM
55	I think Coastline should have a nursing program, while I am not affected by it since I am not going into the health care field. I feel that most of the students taking science classes through Coastline are trying to transfer to another CC and join there Nursing program.	May 23, 2012 9:25 PM
56	Nursing	May 23, 2012 8:51 PM
57	I'd like if registered nursing was offered.	May 23, 2012 8:26 PM
58	Engineering statics/ calculus 3/ allied health courses/careers	May 23, 2012 8:03 PM
59	The classes are fine, just need to have MORE available.	May 23, 2012 7:43 PM
60	Courses offered are sufficient for my needs. Thank you for having an online-hybrid Physics course. I traveled for this one b/c there were no others close to me.	May 23, 2012 7:24 PM
61	ASL	May 23, 2012 7:13 PM
62	I would like Coastline to offer Nursing Program if possible	May 23, 2012 7:12 PM

Page 10, Q3. Are there other courses or degree programs that you would like Coastline to offer?

63	no	May 23, 2012 7:03 PM
64	any chance, Chinese Medicine/Acupuncture?	May 23, 2012 6:49 PM
65	Calculus based physics, computer sci transferable courses. C plus plus java.	May 23, 2012 6:31 PM
66	organic chemistry	May 23, 2012 6:19 PM
67	no	May 23, 2012 5:58 PM
68	Criminal justice that can be taken completely online. Maybe via distance esucation	May 23, 2012 5:44 PM
69	Nursing	May 23, 2012 5:29 PM
70	Criminal Justice	May 23, 2012 5:29 PM

Page 10, Q4. Do you have any comments or suggestions for improving this particular program?

1	Other than removing some bad teachers, the program is great. Keep Warwick because he is a great instructor.	Jun 6, 2012 10:46 AM
2	No.	Jun 6, 2012 7:57 AM
3	No.	Jun 6, 2012 2:13 AM
4	No, it's good	Jun 4, 2012 10:33 PM
5	No	Jun 1, 2012 12:43 PM
6	I do not. Professor Warwick's course was informative and the work load was well balanced with the material.	Jun 1, 2012 12:23 PM
7	Again, being a Kinesiology major, I feel very strongly that anatomy should be taught by someone who anatomy was their major, not something closely related. I can attest from this experience that it really does make a difference. In my opinion, it's not very good when a student thinks to themselves that they could have done a better job on the lectures.	May 31, 2012 9:09 PM
8	There were some problems with the server on the final day of 2 of my exams. The Servers need to be able to accommodate the large amount of students that take their exam on the last day (for what ever their reason is (mine was scheduling at work).	May 31, 2012 5:43 AM
9	serously, do something with comics and illustrtion. It would have made my degree choice so much easier	May 30, 2012 4:45 PM
10	If it was not for this program, I would have graduated with my Bachelor's Degree this spring semester, so thank you for offering science classes online. This program has helped me so much.	May 30, 2012 2:12 PM
11	No	May 30, 2012 2:08 PM
12	the only class I dreaded and was relieved when it was complete was the Introductory Accounting class I took with Michelle Steddum. Horrible instructor, feedback was not only worthless, but not even timely. I got through the class because of the assistance of other students. She was truly just an automaton posting assignments and grades with NO useful feedback.	May 30, 2012 9:39 AM
13	The online component of the Geology course had some glitches. I was kicked out of my final 18 answers early so received an F for that test even though I was doing so well on it before this happened. I think I may have accidentally touched the space bar or something which ended my exam completely. I tried contacting my instructor who referred me to the technical help desk and still haven't heard anything back, 4 days later. I worked very hard all semester on that class and honestly don't know how I got so easily kicked out of the test. I still had almost half an hour left to finish when this happened. So sad.	May 29, 2012 11:21 PM
14	Hire more great teachers and get rid of the not so great ones. More frequent teacher evals would be helpful for identifying good and bad teachers.	May 29, 2012 7:08 PM
15	I STRONGLY RECOMMEND AND HOPE THAT MR. SURYA CHHUN TEACHES MICROBIOLOGY CLASS IN ADDITION TO PHYSIOLOGY CLASS.	May 29, 2012 4:58 PM

Page 10, Q4. Do you have any comments or suggestions for improving this particular program?

HE IS A GREAT INSTRUCTOR WHO IS CLEAR AND CONCISE AND KNOWS HOW TO TEACH. HIS TEACHING METHOD IS SO CLEAR SO THAT STUDENTS BENEFIT MUCH. MR. SURYA CHHUN IS A GREAT INSTRUCTOR AND ASSES TO COASTLINE COMMUNITY COLLEGE.

16	Have a prerequisite for the Microbiology course. I found that a lot of the students had never even had chemistry or biology and the lab was foreign to them, which made it difficult for students like myself who were more versed in lab techniques to properly carry out the labs adequately without error, since a lot of the lab work was done in groups, and this caused a lot of problems in getting correct results. This would slow down a lot of us and the professor in having to explain things that should have already been introduced in intro chem/intro bio (those courses that had labs associated with the course).	May 29, 2012 10:54 AM
17	no	May 29, 2012 7:45 AM
18	Please see the previous comment.	May 28, 2012 10:50 PM
19	I registered for an Economy Class and had to drop it because the Professor wanted for us to take the test on a Coastline property? I live far, thats why I am taking online courses. I was pretty upset about that. Why would he expect us to go take a test there? I felt he was biased against those taking online courses. Also, I would like to see more opportunities of extra credit in some of the classes. I got a couple of high B's that could have been A's if there was an opportunity for extra credit. Lastly, I study hard but still seem to run out of time taking some of the tests, maybe, there can be more time given or better study notes given out. On my end, I get straight A's on assigned work but on tests I get lower grades. So there might be some issues with the testing methods that might need to be looked at. Other than that, I am pleased with Coastline.	May 28, 2012 8:29 AM
20	I have a comment on the location, itself, if I may. The center is brand new and quite accommodating, yet parking is big issue at this center. Unlike the Garden Grove Center, where parking is not a problem at all. I wish that there is a designated area for students to park at the Le Jao Center.	May 27, 2012 12:51 PM
21	no	May 26, 2012 5:18 PM
22	Provide more summer classes or make grades part of the prioritization for class registration as it is difficult to get priority for registering in the next term if you aren't even able to get into the classes you need and can only take one class at a time.	May 26, 2012 2:45 PM
23	Not at the moment Maybe pushing surya needs a bit push, to reply to via verse	May 26, 2012 2:04 PM
24	no	May 25, 2012 11:08 PM
25	Offer more courses as science courses are in such high demand.	May 25, 2012 9:21 PM
26	availability of online help during non business hours. I believe students like me (non traditional) access the course during after hours.	May 25, 2012 8:47 PM
27	Some of the online classes have been better than others, as far as teacher participation. I felt like in a few of my online classes there did not even seem to	May 25, 2012 6:56 PM

Page 10, Q4. Do you have any comments or suggestions for improving this particular program?

	be an instructor available at times. If there was a way to maintain consistency in your online classes, I feel like I would be more comfortable in deciding to take another course online.	
28	No.	May 25, 2012 10:51 AM
29	Have instructors or assistants read through all material, and take the program through the online student view to better understand where the student might encounter wrong answers, ambiguous or incomplete questions.	May 25, 2012 8:10 AM
30	Lab supplies needs to be available	May 25, 2012 7:23 AM
31	NA	May 24, 2012 8:13 PM
32	Set up more situations where the technology staff can correct problems that are obviously related to technology errors. AN example is that when a quiz from a telecourse did not submit. It was necessary to contact the instructor and the instructor had to contact the technology support staff and all had to wait to correct the problem. It was obvious that it was a tech error because the quizzes are given in the handbook and it submitted a quiz with zero answered for a zero score. Obviously, a student would not submit a quiz with zero answers. This should have been an immediately correctable item and the support staff should have the ability to correct these obvious techno errors.	May 24, 2012 3:44 PM
33	Not at this time.	May 24, 2012 2:52 PM
34	More time and availability for classes	May 24, 2012 2:17 PM
35	I don't like paying Healt Fees. I have full medical coverage from work.	May 24, 2012 11:27 AM
36	Too much information is used from different sources and it can get overwhelming.	May 24, 2012 10:40 AM
37	n/a	May 24, 2012 10:36 AM
38	Make sure you send your students all the materials, consider creating a color lab manual (even if it is at a higher cost)	May 24, 2012 10:15 AM
39	MAKE the instructor interact with the students more, make him require SOME discussion between students!	May 24, 2012 7:59 AM
40	n/a	May 24, 2012 7:56 AM
41	Go back to the old Seaport system. The new Seaport is not very user friendly.	May 24, 2012 7:14 AM
42	Nope	May 24, 2012 6:58 AM
43	NOPE	May 24, 2012 5:24 AM
44	No	May 24, 2012 12:39 AM
45	Yes. The math and science departments have sacrificed enough already. PLEASE no more cutting back on the number of sciences and maths. Many of us NEED these classes for the medical field. Physics, Chemistry, Anatomy,	May 23, 2012 11:05 PM

Page 10, Q4. Do you have any comments or suggestions for improving this particular program?

Physiology, Trig, Statistics, Biology, Genetics, Microbiology etc. etc. we NEED this classes for the medical field. They are all prerequisite course for fields like Physical Therapy, Nursing, Physician's assistant, Occupational Therapy, etc. etc. My suggestion for Coastline is that it should start thinking about what classes are REALLY important and which ones aren't. Coastline can help contribute to the economic health of our state by offering MORE science and math classes that are directly related to the job demands that can put a people to work right away and begin contributing more taxes. When students entering the medical field can get their prerequisites met, they are able to go onto graduate school for the med field. Hence, when they come out of graduate school, they are able to get into the work force right away and begin contributing more taxes to the state, hence more money for schools!

46	NA	May 23, 2012 10:45 PM
47	In two different science classes I experienced what felt like a great disconnect between the professor and the materials, and on more than one occasion, the data provided on quizzes with which a problem was to be solved was incorrect.	May 23, 2012 10:40 PM
48	no	May 23, 2012 10:00 PM
49	More upfront preparation by the bookstore and those deciding on the course materials to be sure the materials are adequate and the technology iOS "bug free". I was very disappointed with Coast Learning Systems and Coastlinelive.org.	May 23, 2012 9:58 PM
50	I don't think anything need to improve.	May 23, 2012 9:33 PM
51	I think the online classes should have a video lecture, The Microbiology class I took had it and it really helped me to know what I should study for tests.	May 23, 2012 9:25 PM
52	Check into Maelanie Galima's grades and ask her why most of her students drop or fail her class, please.	May 23, 2012 8:51 PM
53	More availability of science courses.	May 23, 2012 8:26 PM
54	Really look at reviews on rate my professor before hiring because some professor make a course harder than it should be. Some professors are needles in a hay stack and could be teaching at a top university.	May 23, 2012 8:03 PM
55	Better classroom instruction for the lab, more instruction/interaction for the online portion Sufficient supplies for students to work in groups of 2-3 on the labs Return assignments with at least some comments or notations of what was wrong (why points were lost) Don't waste the last day in class showing videos that should have been shown before each lab to help people understand the concepts. It was over and done, everything was already submitted. I don't like my time being wasted. I would much rather have done another lab that night or had class cancelled.	May 23, 2012 7:24 PM
56	no	May 23, 2012 7:13 PM
57	no	May 23, 2012 7:03 PM

Page 10, Q4. Do you have any comments or suggestions for improving this particular program?

58	Just to add more classes. Bio lab in class too	May 23, 2012 6:31 PM
59	Staff are very slow in responding to email. Moodle program is not put together well. Doing essays on demand in lab is hard.	May 23, 2012 6:21 PM
60	no	May 23, 2012 5:58 PM
61	this course met my expectations and does not need any improvment.	May 23, 2012 5:42 PM
62	The classroom itself was VERY cold at times..It was not a big issue but I always had to make a point to bring a jacket or I would be uncomfortable... Other students mentioned the same concerns.	May 23, 2012 5:29 PM
63	Lower the cost of the lab materials, DUMP MOODLE. Make the tests better reflect the course work.	May 23, 2012 5:29 PM



Program Review Validation Report: Science, 2012-13

1. List the most important things (issues, trends, concerns, etc.) that are apparent from this report:
 - A. There is growing demand for science courses, particularly those courses required for degrees and certificates in allied health fields.
 - B. To meet this demand and to boost the number of certificate and degree completions at Coastline, the program is developing some new options, including certificates specifically designed to be attractive to people in the allied health fields and transfer model degrees.
 - C. To improve retention and success, the department is looking to using a cohort model for certain degrees and certificates, including involvement in the college's STAR program.
 - D. To improve retention and success, the department is looking to do a thorough evaluation of prerequisites and advisories so that students will be better prepared with the appropriate knowledge and skills.
 - E. Because the science program is heavily dependent upon laboratory facilities, it will require significant resources in terms of physical infrastructure (laboratory space and equipment) to expand their offerings.
 - F. There is also a demand for alternatives such as virtual labs which will require college support in the development or acquisition of software and significant resources for faculty training.
 - G. The program acquired two new full-time faculty members this year (Physics and Biology) and is requesting another full-time faculty member in Chemistry to further facilitate the development of their program.

2. List any realistic suggestions the Steering Committee may have for the program based on information in the self-study.
 - A. Develop a comprehensive plan (facilities, equipment, staffing) for how the Science program will utilize and be distributed across our learning centers. It's particularly important that the program move promptly to ensure that they have sufficient physical space at the learning centers to allow for future growth. This is particularly relevant at the Newport Beach Center.
 - B. Develop/fund "Prep Academies" to bolster student success.
 - C. Curriculum should be thoroughly reviewed in the 2013/2014 school year, with a particular emphasis upon adding prerequisites and advisories where appropriate and ensuring that all courses conform (where applicable) to C-ID descriptors.
 - D. Continue working with the STAR program to develop a Science track which will maximize the benefits of a cohort model.

3. List program accomplishments and aspects for which the program should be commended.
 - A. Program faculty have done an admirable job of participating in college governance and contributing to the college as a whole.
 - B. The addition of supplemental instruction and science tutoring has been highly successful in assisting science students.
 - C. The program is moving aggressively to develop ways to tap into the high demand for courses and certificates in allied health fields and to facilitate the ability of students to successfully transition to professional programs that prepare them for employment in these fields.
 - D. The program continues to grow rapidly despite the budgetary constraints of recent years and surveys indicate a very high level of student and faculty approval.

4. Does the data substantiate the conclusions and recommendations made?

 X Yes No

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

5. Has the program adequately responded to the elements identified in the outline for instructional or student services programs (see appropriate checklist)?

 X Yes No

If no, note which topics were either omitted or not addressed clearly or substantially enough:

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