December 31, 2004
Report of Current Status for an
Education Program for the
Respiratory Therapist - Advanced
at
Skyline College
CoA Program Reference: 200147

Sponsoring Institution and Key Personnel

Sponsoring Institution

Skyline College
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San Bruno, CA 94066
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Program Number: 200147
Type of Institution: Community College

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Report of Current Status Prepared by:

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Signature

Program Director

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General Program Information

Program Name: Respiratory Therapist - Advanced

CoA Reference: 200147

Clinical Affiliates

California Pacific Medical Center -- San Francisco, CA

Veteran Affairs San Francisco -- San Francisco, CA

Kaiser Hospital -- San Francisco, CA

Mills/ Peninsula Hospital -- Burlingame, CA

San Francisco General Hospital -- San Francisco, CA

San Mateo General Hospital -- San Mateo, CA

Seton Medical Center -- Daly City, CA

St. Lukes Hospital -- San Francisco, CA

University of San Francisco Med. Ctr. -- San Francisco, CA

St. Francis Hospital -- San Francisco, CA

Satellite Campuses (if any)

Current Goals and Objectives

Affective Domain

Goal: Upon completion of the program, the graduate will be a competent advanced-level respiratory therapist.

Objective: Upon completion of the program, students will demonstrate professional behavior consistent with employer expectations as advanced-level respiratory therapists (affective domain).

Evaluation System:	Employer Survey - Affective
Cut Score:	3 on a Likert Scale of 1 to 5.
Validity:	Established by the CoARC
Reliability:	Established by the CoARC
Analysis:	All graduates received ratings greater than 3. Employers are satisfied with personal behaviors of the graduates.
Action:	No action at this time. Continue to monitor.

Evaluation System:	Graduate Survey - Affective
Cut Score:	3 on a Likeret Scale of 1 to 5.
Validity:	Established by the CoARC.
Reliability:	Established by the CoARC.
Analysis:	All rated at 3 or above.
Action:	No action at this time.

Current Goals and Objectives

Cognitive Domain

Goal: Upon completion of the program, the graduate will be a competent advanced-level respiratory therapist.

Objective: Upon completion of the program, students will demonstrate the ability to comprehend, apply, and evaluate clinical information relevant to their roles as advanced-level respiratory therapists (cognitive domain).

Evaluation System:	Employer Survey - Cognitive
Cut Score:	3 on a Likert Scale of 1 to 5.
Validity:	Established by the CoARC.
Reliability:	Established by the CoARC.
Analysis:	Knowledge base and competence rated at 3 or above. Employers appear to be satisfied.
Action:	No action required. Continue to monitor.

Evaluation System:	Graduate Survey - Cognitive
Cut Score:	3 on a Likert Scale of 1 to 5.
Validity:	Established by the CoARC.
Reliability:	Established by the CoARC.
Analysis:	All rated at 3 or above. Graduates seem pleased with their level of competence.
Action:	No action at this time.

Evaluation System:	NBRC Clinical Simulation Exam
Cut Score:	70%
Validity:	Established by the NBRC.
Reliability:	Established by the NBRC.
Analysis:	Graduate first attempts continue to maintain below CoARC threshold levels. However, it is of note this programs trends are improving. Still within the atmospnere of human resource shortage, there maintains less of an emphasis in the workplace to drive the RCP's to complete this exam.
Action:	Continue discussion with local managers emphasizing the importance to encourage or mandate employees to take this exam. The NBRC has initiated a time limit on registry eligibility. We anticipate this change should directly improve our attempt rates.

Evaluation System:	NBRC Entry Level CRT
Cut Score:	75%
Validity:	Established by the NBRC
Reliability:	Established by the NBRC
Analysis:	This program's attempt and success rates for the NBRC entry level CRT exam continues to remain well above the CoARC threshold levels.
Action:	No action is required at this time.

Evaluation System:	NBRC Written Registry Exam
Cut Score:	70%
Validity:	Established by the NBRC.
Reliability:	Established by the NBRC.
Analysis:	Graduate first attempts continue to maintain below CoARC threshold levels. However, it is of note this programs trends are improving. Still within the atmospnere of human resource shortage, there

maintains less of an emphasis in the workplace to drive the RCP's to complete this exam.

Action: Continue discussion with local managers emphasizing the importance to encourage or mandate employees to take this exam. The NBRC has initiated a time limit on registry eligibility. We anticipate

this change should directly improve our attempt rates.

Evaluation System: NBRC Comprehensive, Secure Written Registry SAE

Cut Score:	55%
Validity:	Established by the NBRC.
Reliability:	Established by the NBRC.
Analysis:	
Action:	

Evaluation System:	RRT Credentialing Success (# of Grads & # Credentialed)
Cut Score:	50%
Validity:	Established by the CoARC.
Reliability:	Established by the CoARC.
Analysis:	Graduate becoming RRT credentialed continue to be slightly below CoARC threshold levels. Within the atmospnere of human resource shortage, there maintains less of an emphasis in the workplace to drive the RCP's to complete this credential.
Action:	Continue discussion with local managers emphasizing the importance to encourage or mandate employees to become RRT credentialed. The NBRC has initiated a time limit on registry eligibility. We anticipate this change should directly improve our RRT credential rates.

Current Goals and Objectives

Psychomotor Domain

Goal: Upon completion of the program, the graduate will be a competent advanced-level respiratory therapist.

Objective: Upon completion of the program, students will demonstrate the technical proficiency in all the skills necessary to fulfill their roles as advanced-level respiratory therapists (psychomotor domain).

Evaluation System:	Employer Survey - Psychomotor
Cut Score:	3 on a Likert Scale of 1 to 5.
Validity:	Established by the CoARC.
Reliability:	Established by the CoARC.
Analysis:	All were rated 3 or above with most rated 4-5. Clinical experience and internship appear to meet outcome goals.
Action:	Continue with current action plan and monitor.

Evaluation System:	Graduate Survey - Psychomotor
Cut Score:	3 on a Likert Scale of 1 to 5.
Validity:	Established by the CoARC.
Reliability:	Established by the CoARC.
Analysis:	Graduates ratings continue to be 3 or higher. Students continue to identify a deficiency in lab equipment to practice; specifically ventilator platforms.
Action:	We are continuing to partner with clinical sites to improve access of current ventilator platforms. This has been an ongoing issue as the College is still recovering from the State's budget crisis. We continue to identify creative ways to maintain current, useful lab inventory for the students.

Analysis and Action Plans for
Job Placement, Enrollment, and Attrition
CoA Reference: 200147

Job Placement

Analysis:

All graduates wishing to work locally are easily able to find employment.

Action Plan:

No action necessary at this time.

Enrollment

Analysis:

Skyline College Respiratory Therapy Human Resource Survey indicates that the number of graduates are not meeting the employment needs in the local area at this time. Applications and enrollment are low for this reporting cohort.

Action Plan:

This program continues efforts to increase enrollment by collaborating with student services and counseling, presenting applied respiratory information among general science courses, and partnering with the community to provide outreach for prospective students. From our previous accreditation submission, we note an increase in interest of the profession with increase in application submission from the previous year.

Attrition

Analysis:

Lack of applicants limits acceptance choice of qualified applicants. Attrition appears higher due to this. In our area, students have been focused out of health care career opportunities and moved to technology and biotechnology sector.

Action Plan:

Continue efforts to increase applicant pool to improve quality of students entering program. The decline of the technology sector opportunities have already become apparent and potential students are already shifting in a health care career tract. We should see a significant increase in prepared applicants in the next 1-2 years.

Current Program Statistics

CoA Reference: 200147

Job Placement Rate:

Graduation Year	Number of Graduates	Positive Placements	Percent Employed
2004	6	6	100.00%
2003	5	5	100.00%
2002	12	10	83.33%
2001	12	11	91.67%
2000	15	14	93.33%

Program Enrollment and Attrition Table with Current and Past Five Years' Data(if available):

Enrollment Date	Graduation Date	Estimated Number of Applicants	Maximum Number of Students	Number Initially Enrolled	Number Enrolled After Class Start	Total Enrollment	Number "In Progress" To-Date	Non-Academic Attrition	General Education Courses	RT Core Courses	Attrition	Attrition	Stop-Outs From a Prior Class	Graduating In a Later Class	On-Time With This Class	Total
8/22/2002	6/18/2004	15	25	10	0	10	0	2	0	1	3	30.00%	0	1	6	7
8/21/2001	5/30/2003	10	25	9	0	9	0	2	0	2	4	44.44%	0	0	5	5
8/21/2000	5/31/2002	15	25	15	0	15	0	1	0	2	3	20.00%	0	0	12	12
8/19/1999	5/23/2001	22	25	17	0	17	0	1	0	4	5	29.41%	0	0	12	12
8/19/1998	5/24/2000	25	25	22	0	22	2	3	0	2	5	22.73%	0	0	15	15
9/20/1997	5/30/1999	20	30	13	0	13	0	0	0	2	2	15.38%	2	0	11	13

Enrollment, Attrition, Graduate, Job Placement, and Student Performance Data

For "enrollment/attrition" statistics, upper number is "total enrolled", the lower number is "total attrition".

For each evaluation system, the upper number is the number "attempting" then evaluation system, and the lower number is the number "passing" (at or above the "cut score").

	2004	2003	2002	2001	2000	1999
Job Placement	6	5	10	11	14	11
Number of Graduates	6	5	12	12	15	13
Enrollment/Attrition	10	9	15	17	22	13
	3	4	3	5	5	2
Employer Survey - Affective	5	5	10	9	8	7
	5	5	10	9	8	7
Graduate Survey - Affective	3	4	8	8	15	11
	3	4	8	8	15	11
Employer Survey - Cognitive	5	5	10	9	8	7
	5	5	10	9	8	7
Graduate Survey - Cognitive	3	4	8	8	15	11
	3	4	8	8	15	9
NBRC Clinical Simulation Exam	6	5	5	10	10	10
	5	4	4	7	8	7
NBRC Entry Level CRT	6	5	12	12	14	13
	6	5	11	11	14	12
NBRC Written Registry Exam	4	5	5	10	9	10
	4	4	3	8	9	9
RRT Credentialing Success (# of Grads & # Credentialed)	6	5	12	12	15	13
	4	4	3	7	8	7
Employer Survey - Psychomotor	5	5	10	9	8	7
	5	5	10	9	8	7
Graduate Survey - Psychomotor	3	4	8	8	15	11
	3	4	8	8	15	10

Threshold Levels of Success Report

for the Respiratory Therapist - Advanced at
Skyline College
CoA Program Reference: 200147   Data for Report Year 2004

Evaluations and Measures	2004	2003	2002	2001	2000	Threshold	Group 1	Group 2	Group 3
Enrollment	10	9	15	17	22				
Attrition	3	4	3	5	5	30%	0.73%	5.93%	6.92%
Total Graduates	6	5	12	12	15				
Job Placement	6	5	10	11	14	70%	19.66%	19.74%	20.00%
Total "On-Time" Graduates	6	5	12	12	15				
Total "In-Progress" Students	1	0	0	0	2				
Total Graduates Enrolled in Prior Class(es)	0	0	0	0	0				
Total Students Graduating with Later Class(es)	1	0	0	0	0				
Employer Survey - Affective - Attempt	5	5	10	9	8	0%	86.96%	82.76%	69.23%
Employer Survey - Affective - Success	5	5	10	9	8	0%	100.00%	100.00%	100.00%
Graduate Survey - Affective - Attempt	3	4	8	8	15	0%	65.22%	68.97%	79.49%
Graduate Survey - Affective - Success	3	4	8	8	15	0%	100.00%	100.00%	100.00%
Employer Survey - Cognitive - Attempt	5	5	10	9	8	0%	86.96%	82.76%	69.23%
Employer Survey - Cognitive - Success	5	5	10	9	8	0%	100.00%	100.00%	100.00%
Graduate Survey - Cognitive - Attempt	3	4	8	8	15	0%	65.22%	68.97%	79.49%
Graduate Survey - Cognitive - Success	3	4	8	8	15	0%	100.00%	100.00%	100.00%
NBRC Clinical Simulation Exam - Attempt	6	5	5	10	10	65%	4.57%	3.97%	-0.90%*
NBRC Clinical Simulation Exam - Success	5	4	4	7	8	65%	16.25%	10.00%	11.00%
NBRC Entry Level CRT - Attempt	6	5	12	12	14	90%	10.00%	10.00%	7.44%
NBRC Entry Level CRT - Success	6	5	11	11	14	80%	15.65%	13.10%	14.74%
NBRC Written Registry Exam - Attempt	4	5	5	10	9	65%	-4.13%*	3.97%	-3.46%*
NBRC Written Registry Exam - Success	4	4	3	8	9	75%	3.57%	0.00%	8.33%
NBRC Comprehensive, Secure Written Registry SAE - Attempt	0	0	0	0	0	0%	0.00%	0.00%	0.00%
NBRC Comprehensive, Secure Written Registry SAE - Success	0	0	0	0	0	80%			
RRT Credentialing Success (# of Grads & # Credentialed) - Attempt	6	5	12	12	15	0%	100.00%	100.00%	100.00%
RRT Credentialing Success (# of Grads & # Credentialed) - Success	4	4	3	7	8	50%	-2.17%	-1.72%	-3.85%
Employer Survey - Psychomotor - Attempt	5	5	10	9	8	0%	86.96%	82.76%	69.23%
Employer Survey - Psychomotor - Success	5	5	10	9	8	0%	100.00%	100.00%	100.00%
Graduate Survey - Psychomotor - Attempt	3	4	8	8	15	0%	65.22%	68.97%	79.49%
Graduate Survey - Psychomotor - Success	3	4	8	8	15	0%	100.00%	100.00%	100.00%