

December 31, 2005
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

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Program Number: 200147
Type of Institution: Community College

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Report of Current Status Prepared by:

Signature

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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

CoA Program Reference: 200147

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 Likert Scale of 1 to 5.
Validity: Established by the CoARC.
Reliability: Established by the CoARC.
Analysis: All graduates identified ratings greater than 3.
Action: No action at this time.

Current Goals and Objectives

CoA Program Reference: 200147

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 continue to be 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 success rates are above CoARC threshold levels. Though employers in the area hire registry eligible graduates and encourage them to obtain their RRT credential, there continues to be limited 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 continue to speak directly with our graduates to emphasize the importance of completing this exam.

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 success rates

maintain above CoARC threshold levels. Though employers in the area hire registry eligible graduates and encourage them to obtain their RRT credential, there continues to be limited 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 continue to speak directly with our graduates to emphasize the importance of completing this exam.

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 atmosphere of human resource shortage, there maintains limited 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. We will also continue to emphasize to students while in the program the importance of completing RRT credential in a timely manner.

Current Goals and Objectives

CoA Program Reference: 200147

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. Clinical and internship experiences continue 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 identified a deficiency in lab space and ventilator availability during lab specifically due to larger class size.
Action: A second lab period has been added for subsequent cohorts and positive feedback has already been received from 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. Previous years efforts in increasing visibility and outreach of Respiratory Therapy Program and profession to students of Skyline College and the community has been fruitful. Our pool of qualified applicants has increased significantly from previous years and with this continued trend, it is anticipated the increased number of program graduates should meet the anticipated need of employers in the community.

Action Plan:

This program continues proactive 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. Affiliate clinical sites are identifying and supporting employees seeking position upgrades by partnering with Skyline College to help them meet professional educational goals.

Attrition

Analysis:

Attrition trend rate is decreasing. Submitted applications have increased significantly and applicant students are better prepared from previous years meeting and/or exceeding minimum pre-requisites/qualifications when entering the Respiratory Therapy Program.

Action Plan:

Continue efforts to increase visibility of program to entice qualified applicants to the Respiratory Therapy Program.

Current Program Statistics

CoA Reference: 200147

Job Placement Rate:

Graduation Year	Number of Graduates	Positive Placements	Percent Employed
2005	21	19	90.48%
2004	6	6	100.00%
2003	5	5	100.00%
2002	12	10	83.33%
2001	12	11	91.67%

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
8/20/2003	8/17/2005	40	25	24	1	25	0	3	0	2	5	20.00%	1	0	20	21
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

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").

	2005	2004	2003	2002	2001	2000
Job Placement	19	6	5	10	11	14
Number of Graduates	21	6	5	12	12	15
Enrollment/Attrition	25	10	9	15	17	22
	5	3	4	3	5	5
Employer Survey - Affective	15	5	5	10	9	8
	15	5	5	10	9	8
Graduate Survey - Affective	11	3	4	8	8	15
	11	3	4	8	8	15
Employer Survey - Cognitive	15	5	5	10	9	8
	15	5	5	10	9	8
Graduate Survey - Cognitive	11	3	4	8	8	15
	11	3	4	8	8	15
NBRC Clinical Simulation Exam	6	6	5	5	10	10
	5	5	4	4	7	8
NBRC Entry Level CRT	20	6	5	12	12	14
	19	6	5	11	11	14
NBRC Written Registry Exam	7	4	5	5	10	9
	7	4	4	3	8	9
RRT Credentialing Success (# of Grads & # Credentialed)	21	6	5	12	12	15
	5	4	4	3	7	8
Employer Survey - Psychomotor	15	5	5	10	9	8
	15	5	5	10	9	8
Graduate Survey - Psychomotor	11	3	4	8	8	15
	11	3	4	8	8	15

Threshold Levels of Success Report

for the Respiratory Therapist - Advanced at
Skyline College

CoA Program Reference: 200147 Data for Report Year 2005

Evaluations and Measures	2005	2004	2003	2002	2001	Threshold	Group 1	Group 2	Group 3
Enrollment	25	10	9	15	17				
Attrition	5	3	4	3	5	30%	0.59%	0.73%	5.93%
Total Graduates	21	6	5	12	12				
Job Placement	19	6	5	10	11	70%	21.30%	19.66%	19.74%
Total "On-Time" Graduates	20	6	5	12	12				
Total "In-Progress" Students	0	1	0	0	0				
Total Graduates Enrolled in Prior Class(es)	1	0	0	0	0				
Total Students Graduating with Later Class(es)	0	1	0	0	0				
Employer Survey - Affective - Attempt	15	5	5	10	9	0%	78.13%	86.96%	82.76%
Employer Survey - Affective - Success	15	5	5	10	9	0%	100.00%	100.00%	100.00%
Graduate Survey - Affective - Attempt	11	3	4	8	8	0%	56.25%	65.22%	68.97%
Graduate Survey - Affective - Success	11	3	4	8	8	0%	100.00%	100.00%	100.00%
Employer Survey - Cognitive - Attempt	15	5	5	10	9	0%	78.13%	86.96%	82.76%
Employer Survey - Cognitive - Success	15	5	5	10	9	0%	100.00%	100.00%	100.00%
Graduate Survey - Cognitive - Attempt	11	3	4	8	8	0%	56.25%	65.22%	68.97%
Graduate Survey - Cognitive - Success	11	3	4	8	8	0%	100.00%	100.00%	100.00%
NBRC Clinical Simulation Exam - Attempt	6	6	5	5	10	65%	-11.88%*	4.57%	3.97%
NBRC Clinical Simulation Exam - Success	5	5	4	4	7	65%	17.35%	16.25%	10.00%
NBRC Entry Level CRT - Attempt	20	6	5	12	12	90%	6.88%	10.00%	10.00%
NBRC Entry Level CRT - Success	19	6	5	11	11	80%	16.77%	15.65%	13.10%
NBRC Written Registry Exam - Attempt	7	4	5	5	10	65%	-15.00%*	-4.13%*	3.97%
NBRC Written Registry Exam - Success	7	4	4	3	8	75%	18.75%	3.57%	0.00%
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	21	6	5	12	12	0%	100.00%	100.00%	100.00%
RRT Credentialing Success (# of Grads & # Credentialed) - Success	5	4	4	3	7	50%	-9.38%	-2.17%	-1.72%
Employer Survey - Psychomotor - Attempt	15	5	5	10	9	0%	78.13%	86.96%	82.76%
Employer Survey - Psychomotor - Success	15	5	5	10	9	0%	100.00%	100.00%	100.00%
Graduate Survey - Psychomotor - Attempt	11	3	4	8	8	0%	56.25%	65.22%	68.97%
Graduate Survey - Psychomotor - Success	11	3	4	8	8	0%	100.00%	100.00%	100.00%