SKYLINE COLLEGE
ANNUAL PROGRAM PLANNING SELF-STUDY

*Note: To complete this form, **SAVE** it on your computer, then send to your Division Dean/VPI as an **ATTACHMENT on an e-mail message.***

Program Title: Respiratory Therapy

Date Submitted: 4/19/2013

Key Findings:

1. Planning Group Participants (include PT& FT faculty, staff, students, stakeholders)

List of names and positions: Raymond Hernandez-Program Director, Brian Daniel-Clinical Director

2. Contact Person (include e-mail and telephone): Raymond Hernandez   hernandezr@smccd.edu

3. Program Information

A. Program Personnel
Identify the number of personnel (administrators, faculty, classified, volunteers, and student workers) in the program:

1 Administrators, 1 FT Faculty, 2 Adjunct Faculty, 0 Classified, 0 Volunteers, 0 Student Workers

FT Faculty:	1	**PT/OL Faculty (FTE):**	.8
FT Classified:	0	**PT Classified (FTE):**	0
Volunteers:	0	**Student Workers:**	0

B. Program Mission and Goals
State the goals/focus of the program and how the program contributes to the mission and priorities of the College and District. Address how the program meets the current year's strategic priorities. (200 word limit)

The Respiratory Therapy Program at Skyline College is a career technical education (CTE) program which serves the San Francico and San Mateo Counties and provides the necessary education and training requirements to students who are interested in providing health care as Respiratory Care Practitioners. The program supports the mission of Skyline College and the San Mateo Community College District in partnering with industry and the community in response to economic changes requiring this additional workforce development thus directly addressing college goal #6. The program also directly addresses strategic priorities in community connection (#4) and delivery of quality instruction (#5).

The advanced practitioner program has been in existence for 41 years and holds a strong reputation in the community for providing well prepared graduates to enter the work force. It serves all of San Francisco and northern San Mateo Counties and is affiliated with 11 hospital institutions and agencies in its service area. These institutions include a sufficient mix of larger teaching centers and smaller community hospitals as well as non clinical outpatient respiratory services. Students complete a two year sequence of core Respiratory Therapy classes as well as obtain an Associate of Science degree to meet California licensing requirements. At minimum, this leads to a three year commitment causing students to demonstrate focus and success in this CTE program.

Graduates of the program pass the state licensing exam at a rate above the national average for people who take the exam the first time or repeat once. Members of the program's advisory board feel that the outcomes continue to reflect the commitment and hard work of the faculty and that the diversity of the graduates reflects the community that Skyline serves. The attrition rate is comparable to other programs in the Bay Area and on average the program loses few students per class each year. The program maintains a strong reputation in the Bay Area community for training students to be competent Respiratory Therapists as they enter the workforce.

4. Program/Service Area: Student Learning Outcomes and Program Data

A. Summarize recent course and/or program SLO assessment, identify trends and discuss areas in need of improvement. Please attach summary Tracdat reports with assessment and analysis for SLOs evaluated during the year (prior to submission deadline of April 1st)
Tool: https://sanmateo.tracdat.com/tracdat/

The program has begun assessment of courses in Fall 2012. The following courses have been assessed in at least one of their established SLOs: RPTH 400, RPTH 410, RPTH 415, RPTH 420, RPTH 450, RPTH 458, and RPTH 460. Results demonstrated that criteria were met for most courses.

For entry courses RPTH 410 and 420, three of the six SLOs were slightly below threshold expectations.
* Student's understanding of physical, chemical and algebraic concepts in respiratory health care. was below threshold. Faculty will revise assignments and provide more practice to better meet this outcome.
* Students ability to gather data and formulate assessment plan as they relate to chest physical assessment was below threshold. Faculty will revise assignments and provide more practice time to meet this outcome.
* Students understanding of normal anatomical and physiological function as it applies to the cardiorespiratory system was below threshold. Faculty will integrate greater use of workbook during class time and and as homework to provide more opportunity to practice concepts.

These are course offered in year one of the program. Students are getting acclimated to the medical language and integrated critical thinking methods of learning and application. Based on assessment data, faculty are confident that students will improve their learning outcome with more case based practice exercises integrated throughout the semester.

RPTH 430, 438, 445, 475, 480, 485, 488, and 495 are being assessed in the Spring 2013 semester. RPTH 448 will be assessed in Summer 2013

B. Analyze evidence of Program performance. Review and analyze productivity, student characteristics and outcomes.
Tool: http://www.skylinecollege.edu/prie/programdata.php

The program has seen consistent high interest in and enrollment. Program faculty continue to work to increase visibility of the program by collaborating with the counseling department to ensuring counselors are aware of specific requirements needed for application, enrollment, and completion of the program. Program faculty also reach out to students enrolled in science courses at Skyline to provide program information and demonstrate relevance of course content to the Respiratory Therapy major. The open application period Spring 2012 yielded 120 qualified applicants. A lottery process is utilized for qualified applicants to maintain an equitable selection process for all potential students.

Historically the WSCH/FTE has been consistently lower in the Fall and higher in the Spring compared to college trends. The maximum capacity for enrollment is 25 students. This is dictated by external accreditation approval (CoARC). Lecture/lab classes run loads anywhere between 280 and 477. The program only offers these courses once per academic year to minimize the low productively. Conversely the clinical courses provide very high loads much greater than college trends. During the Spring semester, the students spend much of their time at the hospitals performing clinical instruction. Affiliated hospital Respiratory Therapy departments provide "in kind" support to the program decreasing FTEF cost to the college.

The program is limited in capacity for two reasons: clinical placements and instructor/student lab instruction. Program faculty have assessed, inventoried, and maximized clinical opportunities in San Francisco and northern San Mateo counties.

C. Explain how other information may impact the Program (examples are business and employment needs, new technology, new transfer requirements etc.)

Enrollment for the program continues to be at capacity. It is accredited by the Committee on Accreditation for Respiratory Care (CoARC) and meets all thresholds set by the body. Annual reports are submitted yearly and require year data from current students, advisory board, graduates, and community employers. Job opportunities continue to be flat over the past 3 years, however graduates from Skyline's RT program are competitive and continue to find employment in the area within 6 months of graduation (see RT annual report).

Faculty continue to assess needed knowledge and skills needed for employment requirements and update curriculum to reflect those needs. Employer satisfaction for graduations continues to remain high.

National conversations for the profession are centered around minimum degree requirements and there is a push to identify a bachelor's degree as a minimal education requirement to practice. Program faculty are actively involved at both the state and national level and are in communication with college and district leadership supporting the need for special bachelor degree attainment at the community college level.

5. Curricular Offerings

Tools: CurricUNET http://www.curricunet.com/smcccd; https://sanmateo.tracdat.com/tracdat/

A. Program Curriculum and Courses. If your program does not offer curriculum please state "N/A".

Respond to the following:

- What new courses (excluding individual Selected Topics [665] topics and Experimental [680/880] courses) have you added to your program curriculum in the past academic year? List by Department, Course Number and Course Title.

- If you have not done so already, please email the TracDat Coordinator to request that these courses to be added to TracDat.

- Have you uploaded SLO's for your new courses in TracDat?

- Have you mapped course-level SLOs to PSLOs and ISLOs?

- Have you uploaded an assessment method (need not be specific) for each course?

No new courses have been recently developed within the last year.

All courses have identified SLOs and are uploaded to TracDat.

All courses have identified assessment methods are are on track to be assessed in the 12/13 academic year.

Course level SLOs have been mapped to ISLOs. PSLOs are directly being assessed and measured consistent with external accreditation metrics (see CoARC annual plan).

B. Identify Patterns of Curriculum Offerings

Respond to the following:

- What is the planning group's 2-year curriculum cycle of course offerings by certificates and degrees?

- What is the ideal curriculum cycle?

- Discuss any issues.

The program is 2 year in length and the pattern is consistent for the cycle. A new cohort is admitted every fall and follows the same sequencing of classes:

Year I (Fall): RPTH 400 - Patient and Health Care Concerns
RPTH 410 - Introduction to Patient Care and Respiratory Assessment
RPTH 415 - Respiratory Pharmacology   RPTH 420 - Application of Resp Anatomy/Physiology

Year I (Spring): RPTH 430 - Intro to Respiratory Therapeutics
RPTH 438 - Clinical Clerkship I. RPTH 445 - Respiratory Disease I

Year I (Summer): RPTH 448 - Clinical Clerkship II

Year II (Fall): RPTH 450 - Respiratory Disease II. RPTH 458 - Clinical Clerkship III
RPTH 460 - Respiratory Critical Care

Year II (Spring): RPTH 475 - Hemodynamic Monitoring. RPTH 480 - Diagnostic Testing
RPTH 485 - Clinical Medical Seminar. RPTH 488 - Clinical Clerkship IV
RPTH 490 - Neo/Pedi Respiratory Care. RPTH 495 - Respiratory Care Board Exam Prep
RPTH 690 - Special Projects in Respiratory Care

6. Response to Previous Annual Program Plan & Review

List any recommendations for the program and your responses to these recommendations based on previous Annual Program Plan and/or CTE Professional Accreditation report.

Last Program Review was completed in Spring 2010. A comprehensive review and modification of curriculum was done and information was rearranged to decompress year II curriculum and introduce critical care concepts earlier in Spring of year I. A new course was developed (RPTH 415) to introduce pharmacology at the beginning of the program.

Because the Program Director moved to Interim Dean of SMT then to the permanent position, the program has been without a second full time faculty member. As such, other improvement items listed in program review have not been addressed. The program is underway with with hiring a new Program Director and has an anticipated start date of Fall 2013. The new Program Director will then continue to strategize implementation of the other recommendations:
-Develop and pilot a "Clinical Preceptor Program"
-Acquire a simulation lab to enhance student learning
-Evaluate DataARC electronic data management system for possible implementation to improve data tracking required by CoARC

7. Action Plan

Provide your action plan based on the analysis and reflections provided in the previous sections. Note – resource requests should be connected to action plans.

Respond to the following:

- Describe data and assessment results for Program Student Learning Outcomes. Analyze and reflect on assessment results for Program Student Learning Outcomes and other measures of Program performance.

- Analyze and reflect on other evidence described in previous sections. Identify the next steps, including any planned changes to curriculum or pedagogy.

- Identify questions that will serve as a focus of inquiry for next year.

For those courses that have been assessed, most have met thresholds and student learning outcomes have been achieved. Students did not achieve the thresholds in two of the 4 entry classes in year I of the program (RPTH 410, RPTH 420). Strategies identified are to incorporate more active learning assignments during and outside of class to help student understand and apply concepts more effectively. Learning these base concepts early on will help student build this knowledge and skills for effective application.

The program has been successful in training students in various procedures in respiratory care. The program moved into its new facilities in 2009 and at that time received updated equipment. Health care equipment for training is constantly changing and the program needs to have updated equipment regularly purchased to meet this need. This is particularly true of ventilator equipment. One ventilator should be purchased each year to maintain effective access for students.

All PSLOs have been assessed and thresholds have been achieved. The PSLOs have been developed in alignment with CoARC threshold standards and are assessed consistently between the college and the external accreditation agency. Graduates are passing the credentialing exams at a high first past rate, obtaining employment within 6 months of graduation, and obtain high employer satisfaction in the preparedness and competency.

The program has developed a 3 year cycle for course assessment and will continue to assess those courses within that context.

External accreditation requires that as students are assessed in the clinical setting that there be inter-rater reliability amongst the preceptors who will be conducting their evaluations. Program faculty will be focusing on what are best practices in which evaluation can be consistent and data gathered from these evaluations can maintain validity between many preceptors.

8. Resource Identification

A. Professional Development needs

> One way to address the issue of student evaluation is to develop tools that will provide guidance as preceptors evaluate student practice. Program review identified a need for a "Clinical Preceptor Training Program".
>
> Program faculty leadership will need to participate in training opportunities provided by the AARC and CoARC.
>
> Program faculty leadership will need support to develop a "Clinical Preceptor Training Program" and devise a plan to identify clinical preceptors to attend and successfully complete these trainings.
>
> Program faculty leadership will need to attend informational sessions on state of art simulation equipment and labs, and obtain training in its implementation and use.
>
> Clinical Director (Brian Daniel) is currently working towards completing his Bachelor's degree (a CoARC requirement) and has an identified completion date of Fall 2014.

B. Office of Planning, Research & Institutional Effectiveness requests

> Actions:
> - List data requests for the Office of Planning, Research & Institutional Effectiveness.
> - Explain how the requests will serve the Student/Program/Division/College needs.

> PRIE provides sufficient data to aide in program assessment. External accreditation requires other data to effectively assess program outcomes. Program faculty have facilitated procurement of the following data:
>
> -student surveys
> -graduate surveys
> -employer surveys
> -CRT/RRT completion rates
> -employment rates
>
> Institutional data coupled with external data requirements provide program faculty with data to effectively assess student learning, competency, and employer needs and satisfaction. All this data is used to reflect on student learning, employment outcome, and effectively complete annual plans, program review, and CoARC annual assessment.

C. Faculty and Staff hiring, Instructional Equipment and Facilities Requests
Complete the following table:

Annual Program Planning Resource Needs
Program <u>Respiratory Therapy</u>　　　**Date** <u>Spring 2013</u>

	What are the needs?	How does this request align with your assessment of student outcomes?	How does this request align with your action plan?	What is the estimated cost for facilities and equipment?
Personnel	Program Director replacement 1. 2. 3.	The program is required to have 2 full time personnel. The director must oversee programmatic functions and teach courses within the program.	Action plan has identified a need for this replacement. Hiring is currently underway.	$99,000 - $126,000 per/year + benefits
Equipment	1. Ventilator 2. 1 Simulation manniquin 3. Simulation lab 4.	Students are assessed in competency of sophisticated equipment application	These requests have been identified in action plans and program review as resources to enhance student learning outcomes	$40,000 $60,000
Facilities	1. Simulation lab 2. 3. 4.	Students are able to critically think to apply proper procedures and therapies	This requests have been identified in action plans and program review as resources to enhance student learning outcomes	TBD

Department Assessment Coordinator: Raymond Hernandez

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
SKY Dept - Respiratory Therapy - SKY RPTH 400 - Patient & Health Care Concerns - Assess death and dying - Debriefing during a death and dying situation. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 400 - Patient & Health Care Concerns - Role of RCPs - Upon completion of this course, students will know the important role(s) respiratory care practitioners play in day to day patient care. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Students will research roles of the Respiratory Care Practitioner as it relates to different levels of health care, complete an essay and effectively present their findings. **Assessment Method Category:** Presentation/Performance **Success Criterion:** 95% of the students will receive a 80% or better on the presentation assignment.	12/17/2012 - 100% of students recieved 97% or better on this assignment. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None at this time.	12/17/2012 - None at ths time.
SKY Dept - Respiratory Therapy - SKY RPTH 400 - Patient & Health Care Concerns - Societal norms related to health care - The role societal norms play in disease development and management. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 410 - Introduction to Patient Care - Understanding of physical, chemical, and algebraic concepts - Demonstrate an understanding of physical, chemical, and	**Assessment Method:** Students will complete a comprehensive final examination on the contents of this course. Selected questions (4, 5, 6, 7, 10,	12/24/2012 - 71% of students scored 75% or better. **Result Type:** Criterion not met	08/12/2013 - Provide assignment to practice using combined gas law. Provide more classroom practice time to reinforce physical, chemical

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
algebraic concepts and appropriately apply to various components of respiratory health care. (Created By SKY Dept - Respiratory Therapy) **Assessment Cycles:** 2012-2013 **Start Date:** 08/28/2012 **End Date:** 12/19/2012 **Course Outcome Status:** Active	11) will assess the student's understanding of physical, chemical and algebraic concepts in respiratory health care. **Assessment Method Category:** Exam **Success Criterion:** 80% of students will score a 75% or better.	**Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None **Related Documents:** RPTH 410 Fall 2012	and algebraic concepts in respiratory care. **Action Plan Category:** Use New or Revised Teaching methods
SKY Dept - Respiratory Therapy - SKY RPTH 410 - Introduction to Patient Care - Vital signs, gather data, formulate assessments - Demonstrate the ability to perform vital sign procedures to gather patient data and formulate rational assessments. (Created By SKY Dept - Respiratory Therapy) **Assessment Cycles:** 2012-2013 **Start Date:** 08/27/2012 **End Date:** 12/19/2012 **Course Outcome Status:** Active	**Assessment Method:** Students will demonstate ability to perform vital sign procedures, gather data and formulate rational assessments during laboratory practice sessions and by participating in a campus health fair. **Assessment Method Category:** Presentation/Performance **Success Criterion:** 100% of students will successfully demonstrate ability to perform vital signs, gather data and formulate rational assessments.	12/24/2013 - 100% of students demonstrated proficiency in performing vital sign procedures, collecting data, and formulating rational assessments during both the laboratory period and during direct observation at the campus health fair. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** Continue to assess.	
SKY Dept - Respiratory Therapy - SKY RPTH 410 - Introduction to Patient Care - Chest physical examination, gather data, formulate assessments - Demonstrate the ability to perform chest physical examination to gather patient data and formulate rational assessments. (Created By SKY Dept - Respiratory Therapy) **Assessment Cycles:** 2012-2013	**Assessment Method:** Students will answer final exam questions directed at chest physical exam, gathering data and formulating assessments. (Patient case, calculations, Soap Note). **Assessment Method Category:** Exam **Success Criterion:** 90% of students will successfully answer questions with a threshold pass rate of 75%	04/20/2013 - 70% of students met the threshold pass rate of 75% **Result Type:** Criterion not met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None	08/12/2013 - None **Action Plan Category:** Use New or Revised Teaching methods

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
Start Date: 08/28/2012 **End Date:** 12/20/2012 **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 415 - Respiratory Pharmacology - Physiology actions - Understand and recognize physiologic actions of medications used in cardiopulmonary disease. (Created By SKY Dept - Respiratory Therapy) **Assessment Cycles:** 2012-2013 **Start Date:** 08/23/2011 **Course Outcome Status:** Active	**Assessment Method:** Complete exam questions relating SLO **Assessment Method Category:** Exam **Success Criterion:** 80% of students will answer questions correctly related to SLO **Related Documents:** RPTH 415 Final	12/18/2012 - 88% of students answered highlighted questions correctly on a final examination for this course. (see related document). **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None at this time. **Related Documents:** RPTH 415 FINAL.pdf	12/18/2012 - None at this time.
SKY Dept - Respiratory Therapy - SKY RPTH 415 - Respiratory Pharmacology - Calculate drug dosages - Calculate and prepare appropriate drug dosages. (Created By SKY Dept - Respiratory Therapy) **Assessment Cycles:** 2012-2013 **Start Date:** 08/23/2011 **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 420 - Cardiopulmony Anat/Physiology - Understand anatomical/physiologic function - Demonstrate an understanding of normal anatomical and physiological function as it applies to the cardiorespiratory system. (Created By SKY Dept - Respiratory	**Assessment Method:** Students will complete (final 420 Fall 2012) multiple choice, fill in, short answer, calculations questions 14, 15, 24, 25, 27(1-5), 28, 29. **Assessment Method Category:** Exam **Success Criterion:**	12/24/2012 - 84% of students answered a threshold of 75% correct answers. **Result Type:** Criterion not met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action**	08/12/2013 - Use Egan workbook during class to provide more opportunity to practice concepts. Implement and reassess Fall 2014. **Action Plan Category:**

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
Therapy) **Assessment Cycles:** 2010-2011 **Start Date:** 05/01/2010 **Course Outcome Status:** Active	90% of students will answer a threshold of 75% correct answers. **Related Documents:** Final 420 2010 1.pdf RPTH 420 Final 2012	**Plan:** None	Use New or Revised Teaching methods ————————————————
	Assessment Method: Students will complete (final 420 Fall 2010) multiple choice, fill in, calculations questions 1, 3, 4, 6, 10, 13, 16, 19, 20, 24, 25a, 26. **Assessment Method Category:** Exam **Success Criterion:** 90% of students will answer a threshold of 75% correct answers.		
SKY Dept - Respiratory Therapy - SKY RPTH 420 - Cardiopulmony Anat/Physiology - Analyze data and distinguish - Analyze physiologic data and findings to distinguish between normal and abnormal function. (Created By SKY Dept - Respiratory Therapy) **Assessment Cycles:** 2010-2011 **Start Date:** 05/01/2010 **Course Outcome Status:** Active	**Assessment Method:** Test administered having students analyze data and identifying normal/abnormal function through case study (final 420 Fall 2010). **Assessment Method Category:** Exam **Success Criterion:** 70% of students will receive a threshold score of 70% on case study questions (page 6-9). **Related Documents:** final 420 2010 2.pdf	12/14/2010 - 72% of students received a threshold score of 70%. **Result Type:** Criterion met **Reporting Cycle:** 2010 - 2011 **Resources Needed to Implement Action Plan:** No action required. Continue to assess.	
SKY Dept - Respiratory Therapy - SKY RPTH 430 - Intro Respiratory Therapeutics - Treatment selection - Select appropriate respiratory care modalities for given pulmonary disorders. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Students will complete a comprehensive final examination on the contents of this course. Selected questions will assess the student's ability to select appropriate treatment/management strategies for a given pulmonary disorder. **Assessment Method Category:** Exam		

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
	Success Criterion: 85% of the students enrolled in this course will receive a grade of 75% or better with related questions on a final examination.		
SKY Dept - Respiratory Therapy - SKY RPTH 430 - Intro Respiratory Therapeutics - Adjust treatment as necessary - Adjust respiratory care modalities based on changes in patients clinical condition. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 430 - Intro Respiratory Therapeutics - Competency in delivery - Demonstrate the ability to competently perform various respiratory therapeutics (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** A laboratory simulation managing a patient with an acute cardiopulmonary condition. **Assessment Method Category:** Other **Success Criterion:** 95% of students enrolled in this course will successfully pass a simulated case involving a hospitalized patient with an acute cardiopulmonary condition. **Related Documents:** CF.docx COPD and CHF.docx History of Present Illness.docx		
		07/25/2013 - 100% of students enrolled in the spring 2013 RPTH 430 course successfully passed a patient simulation on managing a hospitalized patient with an acute cardiopulmonary condition. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Related Documents:**	

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
		CF.docx [COPD and CHF.docx](COPD%20and%20CHF.docx)	
SKY Dept - Respiratory Therapy - SKY RPTH 438 - Clinical Clerkship I - Communication - Demonstrate patient communication and diagnostics as they relate to acute care. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 438 - Clinical Clerkship I - Clinical application of RPTH 430 - Apply basic respiratory care therapeutics used to manage clinical conditions in the acute care and transitional care setting. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Clinical competency assessing the following performance elements: 1) Patient and equipment preparation 2) Assessment and implementation of basic therapeutics in respiratory care 3) Patient follow up. **Assessment Method Category:** Other **Success Criterion:** 75% of the students enrolled in this course will achieve an overall performance rating score of 3.		
SKY Dept - Respiratory Therapy - SKY RPTH 438 - Clinical Clerkship I - Response to changing conditions - Develop, assess and adjust respiratory care plans based on clinical needs. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Upon completion of this clerkship, the student will complete a journal outlining each day's experience and receive a satisfactory evaluation from their site preceptor. **Assessment Method Category:** Other **Success Criterion:** 95% of students enrolled in this clerkship session will submit a complete journal of their experience and receive a satisfactory evaluation from their site preceptor.		

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
	Related Documents: PATIENT EVALUATION ASSIGNMENT - Summer Clinical.pdf		
		07/25/2013 - 100% of students enrolled in this course completed a journal of each day's experience at their individual clinical sites and received a satisfactory evaluation from their clinical site preceptor. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Related Documents:** PATIENT EVALUATION ASSIGNMENT - Summer Clinical.pdf	
SKY Dept - Respiratory Therapy - SKY RPTH 445 - Respiratory Diseases I - Evaluating chronic pulmonary disease - Identify chronic pulmonary diseases by evaluating etiology, pathophysiology, bedside assessment and clinical data. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Exam - multiple choice, short answer, short essay in evaluation of patient information and clinical data. **Assessment Method Category:** Exam **Success Criterion:** 90% of the students will receive a 75% or better in evaluation of patient information and clinical data.	05/21/2013 - 95% of students received 75% or better in evaluation of patient information and clinical data. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Related Documents:** RPTH 445 Final 2013	
SKY Dept - Respiratory Therapy - SKY RPTH 445 - Respiratory Diseases I - Analyze data, formulate treatment plans - Evaluate and analyze bedside assessment and clinical data to formulate effective respiratory treatment plans. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Effective assessment, evaluation, treatment plan formulation of patient case scenarios. **Assessment Method Category:** Exam **Success Criterion:** 90% of the students will recieve a 75% or better on the patient case assignment.	05/21/2013 - 95% of students received 75% of better on patient case assignment **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Related Documents:** RPTH 445 Final 2013	

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
SKY Dept - Respiratory Therapy - SKY RPTH 448 - Clinical Clerkship II - Communication/Diagnostics - Demonstrate patient communication and diagnostics as they relate to acute care and transitional care. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Encounter forms completed by clinical preceptor and students. Completion of at least one physician per week and on the rubric the student will garner an average score of at least 3. **Assessment Method Category:** Survey **Success Criterion:** Complete a final case report for a patient cared for on acute/transitional care hospital wards. Complete a care plan from information obtained in the case report.		
SKY Dept - Respiratory Therapy - SKY RPTH 448 - Clinical Clerkship II - Application of skills - Apply respiratory care therapeutics used in assessing, development, and adjusting care plans according to clinical conditions of patients in the acute care setting. (Created By SKY Dept - Respiratory Therapy)	**Assessment Method:** Upon completion of this clerkship, the student will complete a comprehensive patient evaluation and care plan for a selected hospitalized patient. **Assessment Method Category:** Capstone Assignment/Project **Success Criterion:** 100% of students enrolled in this clerkship session will submit a patient evaluation form upon completion of this course.		
		07/25/2013 - 100% of students enrolled in this course successfully completed and submitted a comprehesive patient case evaluation and care plan for a patient followed during their clership rotation. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013	

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
		Related Documents: PATIENT EVALUATION ASSIGNMENT - Summer Clinical.pdf	
SKY Dept - Respiratory Therapy - SKY RPTH 450 - Respiratory Diseases II - Identify acute pulmonary disease - Identify acute pulmonary diseases by evaluating etiology, pathophysiology, bedside assessment and clinical data. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Exam - multiple choice, short answer, short essay in evaluation of patient information and clinical data. **Assessment Method Category:** Exam **Success Criterion:** 90% of students will score a 75% or better.	10/12/2012 - 100% of students scored 75% or better in evaluation of patient information and clinical data (p. 1-4). **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Related Documents:** RPTH 450 Final 2012	
SKY Dept - Respiratory Therapy - SKY RPTH 450 - Respiratory Diseases II - Evaluate acute pulmonary disease, formulate treatment plans - Evaluate and analyze bedside assessment and clinical data to formulate effective respiratory treatment plans. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Exam - effective assessment, evaluation, treatment plan formulation of patient case scenarios. **Assessment Method Category:** Exam **Success Criterion:** 90% of the students will receive a 75% or better on the patient case assignment.	10/12/2012 - 92% of students received 75% of better on patient case assignment (p. 5-8). **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Related Documents:** RPTH 450 Final 2012	
SKY Dept - Respiratory Therapy - SKY RPTH 458 - Clinical Clerkship III - Effective Communication/Differential Establishment - Demonstrate interdisciplinary communication and diagnostics as they relate to various aspects of critical care. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Encounter forms completed by clinical preceptor and students. **Assessment Method Category:** Survey **Success Criterion:** Completion of at least one physician per week and on the rubric the student will garner a score of at least 3 average.		
	Assessment Method: Complete a final case report for a critically ill patient.	12/21/2012 - At the conclusion of this course, 100% of students completed a comprehensive clinical case report on a critically ill, hospitalized	12/21/2012 - None at this time.

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Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
	Assessment Method Category: Capstone Assignment/Project **Success Criterion:** Complete care plan from information obtained in case report. **Related Documents:** PATIENT EVALUATION ASSIGNMENT.pdf	patient. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None at this time. **Related Documents:** PATIENT EVALUATION ASSIGNMENT.pdf	
SKY Dept - Respiratory Therapy - SKY RPTH 458 - Clinical Clerkship III - Airway Management - Apply airway assessment and management in critically ill care patients. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 458 - Clinical Clerkship III - Management of Patients Recieving Positive Pressure Ventilation - Apply assessment/management of invasive and non-invasive positive pressure ventilation modalities. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 458 - Clinical Clerkship III - Device Management - Properly setup and use intensive care respiratory equipment. (Created By SKY Dept - Respiratory Therapy)			

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
Course Outcome Status: Active			
SKY Dept - Respiratory Therapy - SKY RPTH 460 - Respiratory Critical Care - Use of diagnotics - Assisting in diagnosing a pulmonary disorder using available respiratory diagnostics. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Exam to assess knowlege of available diagnostic tools for critical care assessment. **Assessment Method Category:** Exam **Success Criterion:** 90% of students will appropriately answer exam questions related to available critical care diagnostic tools.		
	Assessment Method: Laboratory exerciseses, competency, and clinical simulation related to the management of critically ill patients. **Assessment Method Category:** Presentation/Performance **Success Criterion:** 90% Student will demonstrate in the laboratory setting the ability to successfully select the appropriate diagnostic tool give a particular patient scenario.		
	Assessment Method: Clinical clerkship (RPTH 458) to assess students ability to care for critically ill patients under direct supervision. **Assessment Method Category:** Internship/work experience **Success Criterion:** 97% of students will succesfully complete their clinical clerkship with an above average evaluation by the clinical site.		
SKY Dept - Respiratory Therapy - SKY RPTH 460 - Respiratory Critical Care - Formulate differential of support measures - Formulate a differential of respiratory care supportive measures/treatment for a given critical illness.			

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
(Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 460 - Respiratory Critical Care - Adapt care under changing conditions - Adjusting respiratory care based on changes in patients clinical condition (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Critical care patient simulation. **Assessment Method Category:** Presentation/Performance **Success Criterion:** 95% of students enrolled in this course successfully completed a critical care simulation involving a random patient supported on a mechanical ventilator. **Related Documents:** Abdominal Surgery.pdf CABG.pdf COPD and CHF.pdf Elderly PNA.pdf Smoke Inhalation.pdf	10/15/2012 - 100% of students enrolled in this course successfully completed a critical care simulation involving a mechanically ventilated patient. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None needed at this time. **Related Documents:** Abdominal Surgery.pdf Smoke Inhalation.pdf Elderly PNA.pdf CABG.pdf COPD and CHF.pdf	10/15/2012 - None at this time.
SKY Dept - Respiratory Therapy - SKY RPTH 460 - Respiratory Critical Care - Performance of ICU procedures - Competent performance of specific intensive care respiratory procedures. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 475 - Hemodynamic Monitoring - Cardiovascular pathophysiology and hemodynamics - Understand cardiac pathophysiology and interpret hemodynamic conditions as they relate to clinical outcomes.	**Assessment Method:** Students will complete a comprehensive final examination on the contents of this course. Selected questions challenge the student's understanding of cardiac pathophysiology and the hemodynamic parameters (invasive and noninvasive) used		

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
(Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	to determine clinical outcomes. **Assessment Method Category:** Exam **Success Criterion:** 85% of the students enrolled in this course will recieve a grade of 80% or better with related questions on a final examination.		
		07/25/2013 - 95% of students enrolled in this course correctly answered selected questions on the final examination (1,3,7,9,11,15,17,19,20,21,23,25,26,29,34,36). **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Related Documents:** RPTH 475 Final Examination 2013.pdf	
SKY Dept - Respiratory Therapy - SKY RPTH 475 - Hemodynamic Monitoring - Management - Adjust respiratory care based on changes in hemodynamic information. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 480 - Diagnostic Testing/Outpatient - Apply diagnostic testing - Understand and appropriately apply diagnostic testing studies for various cardiopulmonary disorders. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Case study assessment exam **Assessment Method Category:** Exam **Success Criterion:** 80% of students will obtain at least 75% applying diagnostic testing studies for the identified cardiopulmonary disdorder.	05/03/2013 - 100% of students obtained 75% or greater applying diagnostic testing studies for the identified cardiopulmonary disorder **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013	
SKY Dept - Respiratory Therapy - SKY RPTH 480 - Diagnostic Testing/Outpatient	**Assessment Method:** Case study assessment exam	05/03/2013 - 100% of students obtained 75% or	

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
- Differentiate betwen obstructive and restrictive disease - Analyze pulmonary function data to differentiate between obstructive and restrictive disease, assess pulmonary disease severity and evaluate effectiveness of various respiratory therapies. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method Category:** Exam **Success Criterion:** 80% of students will obtain at least 75% correctly analyzing pulmonary function data to correctly identify type of cardiopulmonary disease.	greater analyzing pulmonary function data to correctly identify type of cardiopulmonary disease. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013	
SKY Dept - Respiratory Therapy - SKY RPTH 480 - Diagnostic Testing/Outpatient - Role of Respiratory Therapist - Demonstrate the role of Respiratory Therapists in pulmonary rehabilitation and homecare and formulate effective cardiorespiratory treatment plans for this patient population. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 485 - Clinical Medicine Seminar - Patient case study - Approach patient cases in a systematic manner to synthesize and analyze assessment and diagnostic data to formulate and modify cardiorespiratory treatment plans. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Research case study paper **Assessment Method Category:** Capstone Assignment/Project **Success Criterion:** 90% of students will obtain at least 75% assessing a live case, systematically synthesizing and analyzing assessessment and diagnostic data to assess and modify effective cardiorespriatory treatment plans.	05/17/2013 - 100% of the students obtained 75% or greater and demonstrate competence in systematically synthesizing and analyzing assessment and diagnostic data, and assessing and modifying effective cardiorespiratory treatment plans. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None **Related Documents:** RPTH 485 Research Paper	

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
SKY Dept - Respiratory Therapy - SKY RPTH 485 - Clinical Medicine Seminar - Effectively dialogue - Effectively dialogue with physicians to formulate and modify cardiorespiratory treatment plans. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 488 - Clinical Clerkship IV - a - Demonstrate patient communication and diagnostics as they relate to various aspects of adult and neonatal/pediatric critical care. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Preceptor evaluation **Assessment Method Category:** Other **Success Criterion:** Upon completion of this clerkship section, 100% of students will achieve a satisfactory evaluation or better in any or all areas (adult, pediatric, and neonatal) respiratory care.		
		07/25/2013 - 100% of students enrolled in RPTH 488 completed this clerkship with a satisfactory or better preceptor evaluation **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013	
SKY Dept - Respiratory Therapy - SKY RPTH 488 - Clinical Clerkship IV - b - Apply airway assessment and management in critically ill care patients. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 488 - Clinical Clerkship IV - c - Apply assessment/management of			

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
invasive and non-invasive positive pressure ventilation. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 488 - Clinical Clerkship IV - d - Properly setup and apply intensive care respiratory equipment. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Encounter forms completed by clinical preceptor and students. **Assessment Method Category:** Survey **Success Criterion:** On the rubric the student will garner a score of at least 3 average.		
SKY Dept - Respiratory Therapy - SKY RPTH 488 - Clinical Clerkship IV - e - Apply respiratory care in the rehabilitative and specialized respiratory care areas. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 490 - Neonatal/Pediatric/Rehab. Care - Neonatal/pediatric pulmonaray disease - Identify neonatal/pediatric pulmonary diseases by evaluating etiology, pathophysiology, bedside assessment and clinical data. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 490 - Neonatal/Pediatric/Rehab.			

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
Care - Evaluate and analyze bedside assessment-neo/pedi - Evaluate and analyze bedside assessment and clinical data to formulate effective neonatal/pediatric respiratory treatment plans. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active			
SKY Dept - Respiratory Therapy - SKY RPTH 490 - Neonatal/Pediatric/Rehab. Care - Competency in neo/pedi therapies/procedures - Demonstrate competency in neonatal/pediatric therapies and procedures. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Demonstration competency **Assessment Method Category:** Presentation/Performance **Success Criterion:** 100% of students will demonstrate competency meeting critical thresholds in setting up a neonatal/pediatric ventilator given a patient scenario.	12/17/2012 - 100% of students demonstrated competency in critical thresholds in setting up a neonatal/pediatric ventilator given the patient scenario. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013 **Resources Needed to Implement Action Plan:** None. **Related Documents:** Neonatal Competency	
SKY Dept - Respiratory Therapy - SKY RPTH 495 - Resp Care Brd Exam Prep & Revw - CRT - Successfully pass sample Certified Respiratory Therapy credentialing exam. (Created By SKY Dept - Respiratory Therapy) **Course Outcome Status:** Active	**Assessment Method:** Simulated Certified Respiratory Therapy credentialing exam. **Assessment Method Category:** Exam **Success Criterion:** 90% of the students will obtain at least 75% score on the simulated CRT exam.	04/18/2013 - 100% of students obtained at least 75% score on the simulated CRT exam **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013	
SKY Dept - Respiratory Therapy - SKY RPTH 495 - Resp Care Brd Exam Prep & Revw - RRT written - Successfully pass sample written portion of the Registered Respiratory Therapist credentialing exam. (Created By SKY Dept - Respiratory	**Assessment Method:** Simulated Registered Respiratory Therapist credentialing written exam **Assessment Method Category:** Exam **Success Criterion:**	05/02/2013 - 97% of students met the threshold on the simulated RRT exam. (RRT exam software) **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013	

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
Therapy) **Course Outcome Status:** Active	90% of students will receive at least 70% on the simulated RRT exam.	**Resources Needed to Implement Action Plan:** None	
SKY Dept - Respiratory Therapy - SKY RPTH 495 - Resp Care Brd Exam Prep & Revw - RRT clinical simulation - Successfully pass sample clinical simulation portion of the Registered Respiratory Therapist credentialing exam. (Created By SKY Dept - Respiratory Therapy)	**Assessment Method:** 5 Registered Respiratory Therapist clinical simulations (Lindsey Jones software) **Assessment Method Category:** Exam **Success Criterion:** 90% of students will successfully pass 3 of 5 clinical simulations.	05/16/2013 - 100% of students successfully passed 3 of 5 clinical simulations. **Result Type:** Criterion met **Reporting Cycle:** 2012 - 2013	
Course Outcome Status: Active			