

Respiratory Care Program
Florida SouthWestern State College
Advisory Board Meeting
Kenneth P. Walker Health Science Hall Room #A-137
June 8, 2015 -2:00 p.m.
Agenda

1. Welcome and Introductions
2. Overview of 2014 Graduate Outcomes
 - a. Number (2014 = 19)
 - b. Placement statistics (2014 = 18 of 19-95%)
 - c. Certification and Registry statistics (CRT 19 of 19-100%, RRT 18 of 19- 95%)
3. Classes of 2015 and 2016
 - a. 2015 = 23 scheduled to graduate June 19th, 2015
Kettering review June 22-24, 2015
2016 = 26 (traditional & returning students)
2017 – Accepting applications, interviews in June, selections early July, selection criteria
 - b. Attrition/Retention statistics
4. Human Resources
 - a. Program administration
 - b. Instructional staff
5. Physical Resources
 - a. Simulation Centers-interdisciplinary simulations
 - b. Mechanical Ventilators & IngMar Simulator
 - c. V-60's, Masimo, Storz
 - d. Vapotherm, Workstation on Wheels, Epic interface
6. Clinical Resources and Clinical Associate Report
7. Program Goals/Curriculum/Program Review
8. Medical Directors Perspective
9. Graduate and Students Perspective
10. CoARC Accreditation Status
 - a. Continuing to meet or exceed all thresholds
 - b. Report of Current Status due July 1st
 - c. Self-Study due by July 15th, 2015
 - d. Site Visit Fall 2015 or Spring 2016
 - e. Distinguished RRT Credentialing Success Award
11. Continuing Education
 - a. Suncoast Pulmonary Symposium
 - b. Intubation Programs
12. Baccalaureate Degree in Cardiopulmonary Sciences Update
13. Open Discussion
14. Adjournment



**Respiratory Care Program
Advisory Board Meeting
Kenneth P. Walker Health Science Hall Room #A-207
May 23, 2014 -2:00 p.m.
Minutes**

1. Welcome and Introductions

Chair Cunningham called the meeting to order at 2:00 pm. He asked for a reading of the previous meeting minutes. This was done and the minutes were accepted. Chair Cunningham welcomed the committee members and introductions were made.

Members present:

- *Alan Cunningham, RRT, Chair RC Advisory Board, System Director Respiratory Care, Lee Memorial Health System*
- *Scott Wiley, RRT, System Director Respiratory Care, Naples Community Hospital System*
- *Sherri Wetherill, RRT, Director Respiratory Care, Fawcett Memorial Hospital*
- *Ronald Daugherty, RRT, Director Respiratory Care, Bayfront Health Punta Gorda*
- *Jeff Elsberry, PhD, RRT, Associate Dean, Cardiopulmonary & Emergency Care*
- *Jean Newberry, RRT-NPS, Clinical Coordinator Respiratory Care*
- *Sindee Karpel, RRT, Faculty Respiratory Care*
- *Nicolette Bressanelli, President RC Class of 2014*
- *Kailey Daugherty, Vice-President RC Class of 2014*
- *Cerissa Audia, Freshman RC student Class of 2015*
- *Brittani Smith, Freshman RC student Class of 2015*
- *Kurt Goerke, Managing Director, Gulf Coast-- American Lung Association*
- *Jeff Davis, RRT-NPS, RCIS, Program Director, CVT & Respiratory Care Programs*

2. Overview of Graduate Outcomes

- a. Number (2013 = 33)
- b. Placement statistics (2013 = 30 of 33-91%)
- c. Certification and Registry statistics (CRT 33 of 33-100%, RRT 31 of 33- 94%)

Chair Cunningham asked Jeff Davis to provide an update on graduate outcomes including; number of graduates, 33, from last year (2013), their job placement, 30 of 33 are employed in the profession, CRT success, 100% of the 33 have earned the CRT credential, and RRT success 31 of the 33 have earned the RRT credential. One strategy the program has employed to continuously improve outcomes is increasing the number of clinical simulations the students complete during the program. At this time, each student does approximately fifty (50) clinical simulations during the program. This has increased the graduates success on the clinical simulation exam. The results of the 2012 graduate and employer surveys were discussed. In general, 80-100% of the graduates felt, they had acquired the cognitive, psychomotor, and affective skills necessary to function as entry-level respiratory care practitioners and that the program

resources are appropriate. Additionally, 80-100% of the employers felt, the graduates that they had hired possessed the cognitive, psychomotor and affective skills necessary to function as entry-level respiratory care practitioners and that the program resources are appropriate. The graduate and employer surveys for the 2013 graduates have been sent out. Once the surveys are returned, the program will analyze the results, develop any necessary action plans, and include that information in the 2014 CoARC Report of Current Status (Annual Plan).

3. Classes of 2014 and 2015

- a. 2014 = 19 scheduled to graduate June 28, 2014
2015 = 24 (traditional & returning students)
2016 – Accepting applications, interviews in June, selections early July
- b. Attrition/Retention statistics

Mr. Davis reviewed the number of second year students (19), which represent the Class of 2014; they will be graduating on June 28, 2014. The class of 2015 is comprised of 24 traditional and returning students. Program Attrition has been increasing; however, it continues to meet the CoARC threshold. Strategies to improve attrition include; open labs, tutorial sessions, implementation of response devices during lectures, posting lecture power points, MP3 audio files of lectures at the course Canvas internet sites, having students complete fifty clinical simulations, and including a three day Kettering CRT/RRT review course the week following graduation.

4. Human Resources

- a. Program administration
- b. Instructional staff

The human resources of the RC Program and College Administration were outlined for committee members. This includes:

- President, Dr. Jeffrey Allbritten
- Vice President of Academic Affairs, Dr. Denis Wright
- Dean, School of Health Professions, Dr. Marie Collins
- Associate Dean Cardiopulmonary & Emergency Care, Dr. Jeffrey Elsberry
- Program Director, CVT & RC Programs, Jeff Davis, RRT-NPS, RCIS
- Clinical Coordinator, RC Program, Jean Newberry, RRT-NPS
- RC Faculty, Sindee Karpel, RRT, AE-C
- Various Didactic/Laboratory Adjunct Instructors and Clinical Associates

The consensus of the advisory board and the program is that the human resources are sufficient and meet the needs of the program.

5. Physical Resources

- a. Simulation Centers-interdisciplinary simulations
- b. Mechanical Ventilators & Simulators
- c. Ventiloscope

The programs classroom and laboratory resources were reviewed and determined to be more than appropriate. The Program Resource Survey completed by Students and Program personnel both indicate over 80% of respondents strongly agree or agree the physical resources are appropriate. The classroom offers a teaching podium with computer and internet access, document/object camera projector, and overhead projector. The lab includes a variety mechanical ventilators and oxygen delivery

devices. The program also utilizes simulation centers at the Lee, Charlotte and Collier Campuses. The state-of-the-art ICU/hospital simulation center allows the students to practice in a realistic environment before and in conjunction with their hospital based clinical rotations. Professor Karpel has used the simulation hospital extensively in RET 1275, Clinical Care Techniques. Students also have access to the sim. center based Pyxis so they are able to practice accessing the medications they may need. The Epic system is also slated to be updated to include the applications for respiratory care. Professor Newberry has been instrumental in including respiratory care students in multidisciplinary simulation scenarios with nursing, EMT, and paramedic students. The program has also received a VentriloScope that will be incorporated into lecture and laboratory activities. The need for a vapotherm system and aerogen nebulizers was also identified. The consensus of the advisory board and the program is that the physical and financial resources are sufficient and meet the needs of the program.

6. Clinical Resources and Clinical Associate Report

a. Addition of Physician Regional-Pine Ridge

The second year students are currently rotating through Naples Community Hospital, Physicians Regional Healthcare System, Lee Memorial Hospital, Gulfcoast Medical Center, HealthPark Medical Center, Cape Coral Hospital, Bayfront Health Punta Gorda, Peace River Hospital, and Fawcett Memorial Hospital. Professor Newberry is working on adding Physicians Regional-Pine Ridge to the affiliated clinical sites. Professor Newberry reported that by and large the students are functioning well and developing the psychomotor skills, knowledge base and affective attributes to allow them to function as respiratory care practitioners. The consensus of the advisory board and the program is that the clinical resources are sufficient and meet the needs of the program.

7. Curriculum/Program Review

Jeff Davis reported the program has formally completed the process of re-aligning credit hours assigned to RC courses to better reflect the actual didactic contact and credit hours. This was accomplished by reducing the number of credit hours in clinical courses and increasing the number of credit hours for didactic courses. These changes will not change the actual number of clinical, laboratory, or lecture contact hours. The consensus is the curriculum is very appropriate and the fine tuning of the curriculum that has been done has strengthened the program. Professor Karpel has is increasing some of the course content in asthma and COPD due to and increase need for ACE's. Anecdotal comments reflect the feeling that the curriculum and program does a good job addressing the professional education needs of the respiratory care community.

8. Medical Directors Perspective

Dr. Elsberry and Professor Davis met with the current Medical Director, Dr. Mestas, in December. Dr. Mestas indicated that, from his perspective, the recent graduates have developed the skills and knowledge to function as entry-level respiratory care practitioners. His clinical and case study experiences with the current class have been favorable and they appear to be developing well. Members of the Advisory Board mentioned that in the past the program has utilized two Medical Directors due to the

size of the cohorts and scope of the position. The program will explore options and report back to the board.

9. Students Perspective

The second year's students expressed a high level of satisfaction with the program. They specifically mentioned the simulation lab and clinical resources as being instrumental in helping them obtain their educational goals. The first year students also expressed satisfaction with the program and noted that the activities in the simulation hospital during RET 1275C helped to prepare the class for their hospital based clinical rotations.

10. CoARC Accreditation Status

- a. Continuing to meet or exceed all thresholds
- b. Report of Current Status due by July 1st
- c. Name change

The RC Program continues to meet or exceed all accreditation Standards and thresholds and remains on continuing accreditation. The 2014 CoARC Report of Current Status (RCS) will be due by July 1st. The program is in the process of compiling all of the relevant data to analyze the results and develop any necessary action plans for the RCS. Mr. Davis reported that effective July 1st, 2014 Edison Sate College will officially become Florida SouthWestern State College. The CoARC, NBRC, AARC, and Florida Department of Health will all be notified of the name change once it becomes official.

11. Continuing Education

- a. Suncoast Pulmonary Symposium
- b. Intubation Programs
- c. Critical Care-in development

Dr. Elsberry provided a brief update on the upcoming Suncoast Pulmonary Symposium. At this time, everything is on-track for another successful meeting. The Intubation Programs developed and managed by Professor Karpel have been very successful. Feedback has been very positive for the intubation programs and Chair Cunningham was particularly appreciative of these unique programs. Dr. Elsberry and Professor Newberry will be working on developing a Critical Care/Critical Thinking continuing education program as this need evolves.

12. Baccalaureate Degree in Cardiopulmonary Sciences Update

Dr. Elsberry gave an update on the BAS Degree Program in Cardiopulmonary Sciences. The program began offering courses in the Spring 2011 semester and continues to offer courses during the Fall, Spring and Summer semesters. The B.A.S. CPS Program continues grow with a significant number of students coming from the RC Program and profession. Additional course offerings may include case management, COPD, CHF, and Asthma. The Advisory Committee expressed a high level of support for this new program and feel it will offer additional educational and professional opportunities for existing Respiratory Therapists.

13. Open Discussion

The CoARC Program Personnel Resource Surveys were distributed to the members of the Advisory Board. Once completed the results will analyzed and incorporated into the appropriate CoARC RCS. Chair Cunningham and other committee members express their gratitude for the

Respiratory Care program and indicated they were pleased with the number and quality of the graduates.

14. Adjournment

Chair Cunningham adjourned the meeting at 3:45 pm.

NBRC Annual School Summary

Report as of 6/08/2015

FLORIDA SOUTHWESTERN STATE COLLEGE - 200317

Exam: CRT

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2012	30	30	100%	25	83.3%	5	16.7%
2013	34	33	97.1%	32	94.1%	1	2.9%
2014	19	19	100%	17	89.5%	2	10.5%

Exam: TMC - Low Cut

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2012	2	0	0%	0	0%	0	0%

Exam: WRRT

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2012	29	25	86.2%	19	65.5%	6	20.7%
2013	33	33	100%	28	84.8%	5	15.2%
2014	19	19	100%	17	89.5%	2	10.5%

Exam: TMC - High Cut

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2012	2	0	0%	0	0%	0	0%

Exam: CSE

Graduation Year	Graduates Tested	Total	Passing %	Passing	First Time %	Passing	Repeaters %
2012	27	26	96.3%	17	63.0%	9	33.3%
2013	33	32	97.0%	26	78.8%	6	18.2%
2014	19	18	94.7%	15	78.9%	3	15.8%

GRADUATION YEAR	CRT	RRT
2014	19	18
2013	33	32
2012	30	25

**FLORIDA SOUTHWESTERN COLLEGE
CARDIOPULMONARY TECHNOLOGIES
CRITERIA FOR ADMISSION**

Admission into the Respiratory Care or Cardiovascular Technology Program is a simple process. **Phase I** evaluates applicants according to the number of points earned through: cumulative grade point average, math/science grade point average, specific co-requisite courses completed and number of credit hours earned by or before the application deadline of **May 31st**. Courses not completed by the deadline are not considered. Following transcript evaluation, the candidate will be informed of the dates available to take the Watson-Glaser Critical Thinking Exam.

Phase II evaluates the affective and communication skills of applicants using an Admissions Panel interview. Only applicants who have met a minimum number of Phase I points will be scheduled for an interview. **Note that successful completion of the interview is a pre-requisite for acceptance into either program.** Those candidates with the highest total points from **Phases I and II** are offered admission in rank order.

Phase I: Academic (Maximum Points 60) + Critical Thinking Exam (Maximum Points 20)

Phase II: Interview (Maximum Points 20)

Overall GPA		Math/Science GPA		Co-Requisites Completed	Co-Req POINTS	Educational Experience	
GPA	POINTS	GPA	POINTS	1 Pt Each		Sem. Hrs.	Points
4.0-3.90	15	4.00-3.9	30	BSC1093C*	_____	(Point Range: 0 – 5)	
3.89-3.8	14	3.89-3.8	29	BSC1094C*	_____		
3.79-3.7	13	3.79-3.7	28	CHM2032/*	_____		
				CHM2032L*	_____		
3.69-3.6	12	3.69-3.6	27	ENC1101	_____	100+	5.0
3.59-3.5	11	3.59-3.5	26	HUM. ELEC	_____	90 – 99	4.5
3.49-3.4	10	3.49-3.4	25	MCB2010C*	_____	80 – 89	4.0
3.39-3.3	9	3.39-3.3	24	MGF 1106*	_____	70 – 79	3.5
3.29-3.2	8	3.29-3.2	23	PHY 1007*	_____	60 – 69	3.0
3.19-3.1	7	3.19-3.1	22	PSY 2012 or	_____	50 – 59	2.5
3.09-3.0	6	3.09-3.0	21	SYG 1000	_____	40 – 49	2.0
2.99-2.9	5	2.99-2.9	20			30 - 39	1.5
2.89-2.8	4.5	2.89-2.8	19	*Included in		20 - 29	1.0
2.79-2.7	4	2.79-2.7	18	Math/Sci GPA		11 - 19	0.5
2.69-2.6	3.5	2.69-2.6	17				
2.59-2.5	3	2.59-2.5	16				
2.49-2.4	2.5	2.49-2.4	15				
2.39-2.3	2	2.39-2.3	13				
2.29-2.2	1.5	2.29-2.2	12				
2.19-2.1	1	2.19-2.1	11				
2.09-2.0	0.5	2.09-2.0	10				
< 2.0		< 2.0	0				

GPA points are based on college credits, with a minimum of eleven credits of college course work for the overall GPA and a minimum of seven credits in the co-requisite math/science areas, for the Math/Science GPA.

****Interviews will be scheduled beginning in late May each year for the applicants with the most Phase I points.**

Overall GPA Points:	_____	Phase I Sub Total:	_____
Math/Sci GPA Points:	_____	Phase II Interview:	_____
Co-Req Points:	_____	Total Admission Points:	_____
Edu Exp Points:	_____		
Critical Thinking Exam Points:	_____		

Respiratory Care Program Accreditation Status

The Respiratory Care Program is accredited by the Committee on Accreditation for Respiratory Care Programs (CoARC), 1248 Harwood Road, Bedford, TX 76021, 817-283-2835 (Office), 817-354-8519 (FAX).

Respiratory Care Program Mission Statement and Goals

Recognizing the worth and dignity of the individual and society's need for educated respiratory therapists, the Program's mission is to provide those post-secondary learning experiences necessary to assist student respiratory therapists in becoming competent respiratory therapists. Consistent with the concepts of state college education and dedication to high standards of achievement, the Respiratory Care Program at Florida SouthWestern State College fulfills its mission through the following specific goals and philosophies:

- To prepare competent entry-level respiratory therapists in the cognitive (knowledge), psychomotor (skills and competencies), and affective (behavior) learning domains for invasive cardiology.
- The average national certification and registry examination pass rate will be 75 percent or greater over the preceding five years.
- The average job placement rate will be 75 percent or greater within 12 months of graduation over the preceding five years.

The first ideal is that it is recognized that each accepted student is a unique individual with particular talents and educational needs. Program faculty will strive to further develop student talents and fulfill expressed educational needs. The program adheres to the College's theme that Florida SouthWestern State College is "where students come first."

The second ideal is that the student who completes this program will have gained a special confidence in the educational process. The individual will have "learned how to learn," and feel confident to continue learning as an adult. As a result of completing this program, the graduate will have increased the art of self-discipline which is a primary purpose of higher education.

The third ideal the program pursues is to provide various learning environments for the student to progress in. The program offers opportunities to learn in several different pre-clinical and clinical settings. They include but are not limited to small and large acute care medical facilities, skilled nursing facilities, rehabilitation programs, and diagnostic centers. The student not only learns the procedures, but also is afforded the opportunity to learn under a variety of department management styles and with different types of patient care equipment.

The fourth ideal is that the program operates as a competency based educational system. Students know what they are expected to learn as a result of clearly stated behavioral objectives and evaluation methods. The ideal is to minimize student frustration and maximize effective learning.

**Florida SouthWestern College
2014-2015
Respiratory Care - AS Degree
76 Credits**

FIRST YEAR

Fall Semester	Credit Hours
ENC 1101 Composition I	3
*MGF 1106 Math for Liberal Arts I	3
CHM 2032 Gen Chem Health Science	3
CHM 2032L Gen Chem Health Sci Lab	1
**BSC 1093C Anatomy & Physiology I	4
RET 1024 Intro Cardiopulmonary Tech	3

Total 17

SECOND YEAR

Fall Semester	Credit Hours
RET 2874L Clinical Practicum II	1
RET 2234C Respiratory Therapeutics	6
RET 2254C Resp Care Assessment	6
RET 2714 Neonatal-Pediatric Resp Care	3

Total 16

FIRST YEAR

Spring Semester	Credit Hours
PHY 1007 Physics for Health Sciences	3
BSC 1094C Anatomy & Physiology II	4
PSY 2012 General Psychology I	3
RET 1007 Resp Care Pharmacology	2
RET 1275C Clinical Care Techniques	4
RET 1613C Cardiopulmonary A & P	2

Total 18

SECOND YEAR

Spring Semester	Credit Hours
RET 2875L Clinical Practicum III	1
RET 2264C Adv Mechanical Ventilation	6
RET 2295 Pulmonary Studies	3
RET 2244 Critical Care Applications	2

Total 12

FIRST YEAR

Summer Semester	Credit Hours
RET 1832L Clinical Practicum I Summer A only	1
**MCB 2010C Microbiology	4
HUM Humanities Elective	3

Total 8

SECOND YEAR

Summer A Semester	Credit Hours
RET 2930 RC Practitioner as Professional	2
RET 2876L Clinical Practicum IV	3

Total 5

*MAT 1033 or Testing may be a requirement for admission into MGF 1106.

**BSC 1010 or Testing is a prerequisite for BSC 1093C and MCB 2010C and should be taken prior to Fall semester.

Note: The math, chemistry and physics co-requisites listed above are the recommended courses; however, it may be possible to substitute another approved math, chemistry or physics course. Please see Program personnel for details.



COMMISSION ON ACCREDITATION FOR RESPIRATORY CARE

April 10, 2015

Jeff Davis, BS, RRT-NPS, Program Director
Respiratory Care Program
Florida SouthWestern State College
8099 College Pkwy SW
Fort Myers, FL 33919

RE: Program Number 200317

Dear Mr. Davis:

It is our pleasure to notify you that your program is among a select group of programs that will be recognized by the Commission on Accreditation for Respiratory Care (CoARC) to receive the *Distinguished RRT Credentialing Success Award*. This award is presented as part of the CoARC's continued efforts to value the RRT credential as a standard of professional achievement. From a program effectiveness perspective, the CoARC views the RRT credential as a measure of a program's success in inspiring its graduates to achieve their highest educational and professional aspirations.

In selecting programs for this recognition, the CoARC Board used objective criteria based on key accreditation metrics documented in the 2014 Annual Report of Current Status (RCS). These programs were required to: (1) have three or more years of outcomes data; (2) hold accreditation without a progress report; (3) document RRT credentialing success of 90% or above, and (4) meet or exceed established CoARC thresholds for CRT credentialing success, attrition and positive (job) placement. The CoARC extends its sincere congratulations to you, your faculty, students, and graduates for meeting these rigorous criteria.

Keep in mind that the conferral of this achievement award does not imply the CoARC's recommendation, endorsement, or ranking of your program in relation to other CoARC-accredited programs. Publications or announcements of this award shall not imply such recommendation, endorsement, or ranking. The primary responsibility of CoARC is to accredit programs based on their compliance with established accreditation standards.

Your program will receive a certificate of recognition during the CoARC reception on Monday, July 13, 2015 from 5 pm – 6:30 pm at the JW Marriott Desert Ridge Resort & Spa in Phoenix, AZ, the site of the AARC's Summer Forum. We hope you or a representative from your program can be present at the CoARC reception on July 13th to receive this recognition. An invitation will be forthcoming allowing for two attendees from your program, so please be sure to RSVP for this event.

Thank you for your continued commitment to excellence in respiratory care education.

Sincerely,

Kathy J. Rye, EdD, RRT-ACCS, FAARC
President

Thomas V. Hill, PhD, RRT, FAARC
Chair, Public Relations Committee

Cc: Marie Collins, EdD, Dean (emailed)
Jeffery Allbritten, DA, President (emailed)