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Executive Office

April 9, 2003

David R. Gibson, BS, RRT
Collin County Community College
2200 West University Drive
McKinney, TX 75070



RE: Program Number 200376

Dear Mr. Gibson:

Thank you for submitting your 2002 Annual Report of Program Status. Based on the outcomes you reported, your program has met or exceeded all currently set "thresholds" for success on each of the required outcome measures.

This is an accomplishment of which you, your staff, and institution should be proud. No further action is required on your part. Please continue your current program "Resource Assessment" and "Outcomes Assessment" activities in preparation for your next Annual Report due April 15, 2004.

Should you have specific questions or concerns involving the Annual Reporting process and/or the Committee's feedback on your Annual Report, please do not hesitate to contact me.

Sincerely,

Richard T. Walker

Richard T. Walker, MBA, RRT
Executive Director

cc: Gary B. Hodge, MA, Dean of Social Sciences

December 31, 2002
Report of Current Status for an
Education Program for the
Advanced Respiratory Therapist
at
Collin County Community College
CoARC Program Reference: 200376



GENERAL PROGRAM INFORMATION

Program Name: Collin County Community College

CoARC Reference: 200376

Award Granted: A.A.S Degree

Program length, in months: 22

Number of full-time, paid respiratory care faculty employed by the program: 3

Number of part-time, paid respiratory care faculty employed by the program: 3

The program DOES NOT REQUIRE that a student applicant be a Certified Respiratory Technician (CRT) upon admission.

CLINICAL AFFILIATES

Medical Center of Plano -- Plano, TX

Presbyterian Hospital of Plano -- Plano, TX

Medical City Hospital of Dallas -- Dallas, TX

Childrens Medical Center of Dallas -- Dallas, TX

Parkland Memorial Hospital -- Dallas, TX

Veterans Affairs Medical Center -- Dallas, TX

Presbyterian Hospital of Dallas -- Dallas, TX

SATELLITE CAMPUSES (if any)

SPONSORING INSTITUTION and KEY PERSONNEL

Sponsoring Institution:

Collin County Community College
2200 West University Dr.
McKinney, TX 75071-8003
Phone: 972.548.6870

Type of Institution: Community College

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Report of Current Status Prepared by:

Signature

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**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" the evaluation system, and the lower
the number is the number "passing" (at or above the "cut score").

	<u>2002</u>	<u>2001</u>	<u>2000</u>	<u>1999</u>	<u>1998</u>	<u>1997</u>
Enrollment/Attrition:	27	15	21	21	15	22
	5	3	5	5	4	7
Number of Graduates:	21	12	16	16	11	15
Job Placement:	0	12	16	16	11	15
NBRC Entry Level CRT	21	12	16	16	11	15
	20	12	15	16	11	15
NBRC Written Registry Exam	12	8	13	14	11	10
	12	8	13	13	11	8
NBRC Clinical Simulation Exam	11	8	13	14	11	9
	10	8	12	13	11	6
Entry Level Self-Assessment Exam	21	12	16	16	11	15
	21	12	14	13	11	13
Written Registry Self-Assessment Exam	21	12	16	16	11	15
	21	12	9	11	10	13
Clinical Simulation Self-Assessment Exam	21	12	16	16	11	15
	10	8	7	0	4	7
Employer Survey - Cognitive	12	9	14	15	11	12
	12	8	14	15	11	0
Employer Survey - Psychomotor	12	9	14	15	11	12
	12	8	14	15	11	12
Employer Survey - Affective	12	9	14	15	11	12
	12	8	14	13	11	12
Graduate Survey - Cognitive	7	6	11	11	9	11
	7	6	11	11	9	0
Graduate Survey - Psychomotor	7	6	11	11	9	11
	7	6	11	11	9	11
Graduate Survey - Affective	7	6	11	11	9	11
	7	6	11	11	9	10
Summative clinical evaluation of clinical performance at end of the program.	21	12	16	16	11	15
	21	12	16	16	11	15

THRESHOLD LEVELS OF SUCCESS REPORT
for the Advanced-Level Program in Respiratory Therapy Education at
Collin County Community College
CoARC Reference: 200376 Data for Report Year 2002

CRT Admission Requirement? No Dual Program Reference: N/A

EVALUATIONS and MEASURES	2001	2000	1999	1998	1997	Threshold	Group 1	Group 2	Group 3
Total Enrollment:	15	21	21	15	22				
Total Attrition:	3	5	5	4	7	30%	7.19%	5.44%	2.41%
Total Graduates:	12	16	16	11	15				
Total Job Placement:	12	16	16	11	15	70%	30.00%	30.00%	30.00%
Total "On-Time" Graduates:	12	16	16	11	15				
Total "In-Progress" Students:	0	0	0	0	0				
Total Graduates Enrolled in Prior Class(es):	0	0	0	0	0				
Total Students Graduating with Later Class(es):	0	0	0	0	0				
NBRC Entry Level CRT - Attempt:	12	16	16	11	15	90%	10.00%	10.00%	10.00%
Success:	12	15	16	11	15	80%	17.73%	17.67%	20.00%
NBRC Written Reg. Exam - Attempt:	8	13	14	11	10	65%	14.55%	23.37%	18.33%
Success:	8	13	13	11	8	75%	22.14%	22.37%	16.43%
NBRC Clinical Sim. Exam - Attempt:	8	13	14	11	9	65%	14.55%	23.37%	15.95%
Success:	8	12	13	11	6	65%	29.29%	29.74%	23.24%
Entry Level SAE - Attempt:	12	16	16	11	15	50%	50.00%	50.00%	50.00%
Success:	12	14	13	11	13	80%	8.64%	8.37%	8.10%
Written Registry SAE- Attempt:	12	16	16	11	15	50%	50.00%	50.00%	50.00%
Success:	12	9	11	10	13	80%	-2.27%*	-5.23%*	5.95%
Clinical Simulation SAE - Attempt:	12	16	16	11	15	50%	50.00%	50.00%	50.00%
Success:	8	7	0	4	7	80%	-45.91%*	3.72%	-53.81%*
Employer Survey Cog. - Attempt:	9	14	15	11	12	50%	36.36%	43.02%	40.48%
Success:	8	14	15	11	0	80%	17.37%	20.00%	-11.58%*
Employer Survey Psych. - Attempt:	9	14	15	11	12	50%	36.36%	43.02%	40.48%
Success:	8	14	15	11	12	80%	17.37%	20.00%	20.00%
Employer Survey Affect. - Attempt:	9	14	15	11	12	50%	36.36%	43.02%	40.48%
Success:	8	14	13	11	12	80%	12.11%	15.00%	14.74%
Graduate Survey Cog. - Attempt:	6	11	11	9	11	50%	13.64%	22.09%	23.81%
Success:	6	11	11	9	0	80%	20.00%	20.00%	-15.48%*
Graduate Survey Psych. - Attempt:	6	11	11	9	11	50%	13.64%	22.09%	23.81%
Success:	6	11	11	9	11	80%	20.00%	20.00%	20.00%
Graduate Survey Affect. - Attempt:	6	11	11	9	11	50%	13.64%	22.09%	23.81%
Success:	6	11	11	9	10	80%	20.00%	20.00%	16.77%

The "Group" columns (1, 2, and 3) indicate deviation from the listed threshold levels of graduate success (at the program's cut score), levels of attrition vis-a-vis enrollment, and levels of successful job placement after graduation. Italicized rows indicate levels of participation. In aggregate, Group 1 considers the years 2001-1999, Group 2 considers 2000-1998, and Group 3 considers 1999-1997. Any deviation value displayed with an asterisk (*) is below the established threshold level.

Values displayed in ITALICS represent levels of PARTICIPATION (i.e., Graduates/Attempts).

Values NOT in italics represent levels of SUCCESS (i.e., Attempting/Passing).

Rows displayed in BOLD FACE represent those evaluation systems and measures for which "trigger points" have been established. Negative deviation from established thresholds for these may trigger the assignment of a referee and/or require submission of a progress report.

Print Date: April 9, 2003

Current Goals and Objectives Grid

CoARC Program Reference: 200376

COGNITIVE DOMAIN

Goal 1: Upon completion of the program, the graduate will be a competent advanced-level respiratory therapist.
Objective A: Standard 1A Upon completion of the program all students will demonstrate cognitive skills relevant to the role of entry level and advanced practitioners as delineated by the NBRC.

Evaluation System	Cut Score	Validity/Reliability	Analysis	Action Plan
NBRC Entry Level CRT	Determined by NBRC	Validity: Based on NBRC job analysis Reliability: High due to exam construction and test security.	100% Participation from graduates of cohort, 95% Pass rate. First time passing is 57%.	Pass rates are acceptable, however first time pass rates are lower than national average. Reasons for this will/are being studied and a possible intervention will be discussed and implemented as soon as causes can be identified. We will continue to prepare the students for the CRT exam as vigorously as possible.
NBRC Written Registry Exam	Determined by NBRC	Validity: Based on the NBRC job analysis survey Reliability: High due to exam construction and test security.	There was a 57% participation among graduates on this evaluation system. 83% were first time passers, 100% by second attempt.	Pass rates were acceptable. We will continue to prepare individuals for the WRRT exam. Participation is roughly the same as the previous year. We are continuing to examine the reasons for the low participation and address any issues that we are able to identify.
NBRC Clinical Simulation Exam	Determined by NBRC	Validity: Based on NBRC Job Analysis Survey Reliability: High due to exam construction and exam security	52% Participation in the RRT CSE, 82% passed. 73% first time.	Pass rates are acceptable. As with the RRT written, make every effort to continue to vigorously prepare individuals for this exam. Will continue to encourage participation and identify any issues that may prevent participation. Any issues that can be identified will be addressed as is appropriate.
Entry Level Self-Assessment Exam	Determined by the NBRC	Validity: Based on NBRC Job Analysis Reliability: High due to exam construction and test security	100% pass rate on this exam, 59% passed on first attempt.	Pass rates are acceptable. Continue to use this exam to prepare the students. Continue to try and identify weaknesses and expend effort to correct these weaknesses.

Current Goals and Objectives Grid

CoARC Program Reference: 200376

Objective A: Standard 1A Upon completion of the program all students will demonstrate cognitive skills relevant to the role of entry level and advanced practitioners as delineated by the NBRC.

Evaluation System	Cut Score	Validity/Reliability	Analysis	Action Plan
Written Registry Self-Assessment Exam	Set by the NBRC	Validity: Based on NBRC Job Analysis Reliability: High due to exam construction and test security	100% Pass rate on this exam, 77% pass rate on first try.	Results are acceptable. Continue to prepare individuals for this exam by identifying weaknesses and working on these areas.
Clinical Simulation Self-Assessment Exam	Set by the NBRC	Validity: Based on the NBRC Job Analysis Survey Reliability: High based on exam construction but lower than credentialing exam since test security is not assured.	45% Passed this exam. No second attempt is offered.	Continue to prepare individuals for this exam as vigorously as possible. Multiple practices will be made to identify weaknesses. Every attempt will be made to identify causes for this low value and correct and deficiencies.
Employer Survey - Cognitive	A Satisfactory rating on 100% of the responses on a satisfactory/unsatisfactory scale for all questions referring to psychomotor skills.	Validity: Related to specific skills and procedures required by the communities of interest observed by the rater. Reliability: Inconsistent quality of rate observational skill. Correlated with faculty results.	Of the employers that could be identified (76% could be identified), 75% or 12 students (57% of graduates) were reported on. 100% were acceptable	Rated good to excellent on all candidates, we will continue to monitor for acceptable results.
Graduate Survey - Cognitive	Satisfactory rating on 100% of questions referring to the	Validity: Self-evaluation of knowledge obtained in program after opportunity to apply skills in workplace. Reliability: Inconsistent	All graduates were sent surveys to last known address, 33% responded. 5 of the 7 marked the surveys acceptable or better.	The two respondents that charted unacceptable marks throughout the survey paradoxically rated the program "Very Good", and "Excellent" overall; these respondents also gave a majority of positive comments on their surveys. This

Current Goals and Objectives Grid

CoARC Program Reference: 200376

Objective A: Standard 1A Upon completion of the program all students will demonstrate cognitive skills relevant to the role of entry level and advanced practitioners as delineated by the NBRC.

Evaluation System	Cut Score	Validity/Reliability	Analysis	Action Plan
	Cognitive Domain	quality of rater observation skills. Correlated with faculty results.		leads me to suspect that the individuals mistakenly filled in the bubbles in reverse order, assigning bad ratings to what should have been good.

Current Goals and Objectives Grid

CoARC Program Reference: 200376

PSYCHOMOTOR DOMAIN

*Goal 1: Upon completion of the program, the graduate will be a competent advanced-level respiratory therapist.
Objective B: Standard 1B Upon completion of the program all graduates will demonstrate psychomotor skills necessary to fulfill the role of an entry level and advanced respiratory care practitioner.*

Evaluation System	Cut Score	Validity/Reliability	Analysis	Action Plan
Employer Survey - Psychomotor	A satisfactory rating on 100% of the responses on a satisfactory/unsatisfactory scale for questions referring to psychomotor skills.	Validity: Related to specific skills and procedures required by the communities of interest observed by the rater. Reliability: Inconsistent quality of rater observational skill. Correlated with faculty results.	100% were good to excellent on the 57% of the graduates that were reported on.	Overwhelmingly good to excellent result. will continue to monitor.
Graduate Survey - Psychomotor	A cut score of 100% satisfactory responses on a satisfactory/unsatisfactory scale on all questions referring to psychomotor skills.	Validity: Provides evaluations of skills expected by the communities of interest. Reliability: Results are subjective of the rater	All graduates were sent surveys to last known address, 33% responded. 5 of the 7 marked the surveys acceptable or better.	The two respondents that charted unacceptable marks throughout the survey paradoxically rated the program "Very Good", and "Excellent" overall; these respondents also gave a majority of positive comments on their surveys. This leads me to suspect that the individuals mistakenly filled in the bubbles in reverse order, assigning bad ratings to what should have been good.
Summative clinical evaluation of clinical performance at end of the program.	Completion of all required	Validity: Direct observation of the clinical skills required by	100% is acceptable for this evaluation system.	Continue to prepare the students to meet the needs of the community of interest. Obtain feedback through surveys and

Current Goals and Objectives Grid

CoARC Program Reference: 200376

Objective B: Standard 1B Upon completion of the program all graduates will demonstrate psychomotor skills necessary to fulfill the role of an entry level and advanced respiratory care practitioner.

Evaluation System	Cut Score	Validity/Reliability	Analysis	Action Plan
	procedures without any critical errors.	the communities of interest. Reliability: Results are subjective of the rater.		advisory board.

Current Goals and Objectives Grid

CoARC Program Reference: 200376

AFFECTIVE DOMAIN

*Goal 1: Upon completion of the program, the graduate will be a competent advanced-level respiratory therapist.
Objective C: Standard 1C Upon completion of the program all graduates will demonstrate personal behaviors consistent with professional and employer expectations of the entry-level and advanced respiratory care practitioner.*

Evaluation System	Cut Score	Validity/Reliability	Analysis	Action Plan
<i>Employer Survey - Affective</i>	Satisfactory rating on 100% of responses on satisfactory/unsatisfactory scale on all questions referring to professional behavior.	Validity: Instrument addresses areas of professional behavior determined as necessary by the communities of interest. Reliability: Results are subjective of the rater.	Of the 57% of graduates that were reported on, 8% (one student) was given unacceptable marks.	Will review the record for the one student that was given unacceptable marks to determine whether or not the student's behavioral problems should have kept the student from completing the program. In other word, we will take another look at the record to determine if anything different should have been done.
<i>Graduate Survey - Affective</i>	Satisfactory ratings of 100% of responses on a satisfactory/unsatisfactory scale on all questions relating to professional behavior.	Validity: Provides an evaluation of the behaviors that are expected by the communities of interest. Reliability: Results are subjective of the rater.	All graduates were sent surveys to last known address, 33% responded. 5 of the 7 marked the surveys acceptable or better.	The two respondents that charted unacceptable marks throughout the survey paradoxically rated the program "Very Good", and "Excellent" overall; these respondents also gave a majority of positive comments on their surveys. This leads me to suspect that the individuals mistakenly filled in the bubbles in reverse order, assigning bad ratings to what should have been good.

Current Program Statistics

CoARC Program Reference: 200376

Job Placement Rate within Ten (10)
Months of Graduation:

Graduation Year	Number of Graduates	Positive Placements	Percent Employed
2002	21	0	0.00%
2001	12	12	100.00%
2000	16	16	100.00%
1999	16	16	100.00%
1998	11	11	100.00%
1997	15	15	100.00%

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	Academic Attrition		Total Attrition	Percent Attrition	Graduates			
									General Education Courses	RT Core Courses			Stop-Outs From a Prior Class	Graduating in a Later Class	On-Time With This Class	Total
08/28/2000	05/09/2002	32	27	27	0	27	1	4	0	1	5	18.52%	0	0	21	21
08/30/1999	05/15/2001	18	24	15	0	15	0	3	0	0	3	20.00%	0	0	12	12
08/30/1998	05/15/2000	34	24	21	0	21	0	0	2	3	5	23.81%	0	0	16	16
08/30/1997	05/15/1999	32	24	21	0	21	0	0	0	5	5	23.81%	0	0	16	16
08/30/1996	05/15/1998	16	24	14	1	15	0	0	0	4	4	26.67%	0	0	11	11
08/30/1995	05/15/1997	38	24	22	0	22	0	0	0	7	7	31.82%	0	0	15	15

Printed on 4/9/2003

Note: Analyses and (any) Action Plans relative to these statistics are on the following page(s).