



EAST CENTRAL COLLEGE RESPIRATORY CARE

ASSOCIATE OF APPLIED SCIENCE DEGREE

East Central College

1964 Prairie Dell Road
Union, Missouri 63084
636-584-6500
www.eastcentral.edu

Admissions Office

ECC Campus
636-584-6563
admissions@eastcentral.edu

Program Location

ECC Rolla at the
Rolla Technical Center
500 Forum Drive
Rolla, MO 65401

Rachael Calvin, ECC Rolla
Enrollment Services Coordinator
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Program Director

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RRT, RCP
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Division

Nursing and Allied Health
636-584-6616

Accreditation

East Central College is
accredited by the Higher
Learning Commission of the
North Central Association of
Colleges and Schools
30 N. LaSalle St., Suite 2400
Chicago, Illinois 60602-2504
800-621-7440



Rolla Technical Institute/Center is
a candidate for accreditation by
the Commission of the Council on
Occupational Education

THE CAREER

Respiratory therapists evaluate, treat and care for patients with breathing or other cardiopulmonary disorders. Practicing under the direction of a physician, respiratory therapists assume primary responsibility for all respiratory care, therapeutic treatments and diagnostic procedures.

PROFESSIONAL TRAITS

Those pursuing a career in this field should:

- Be sensitive to a patient's physical and psychological needs
- Pay close attention to detail
- Follow and carry out instructions
- Work collaboratively as part of a team
- Utilize critical thinking skills

EMPLOYMENT AND SALARY INFORMATION

This profession is experiencing faster-than-average job growth, per the U.S. Bureau of Labor Statistics. By 2020, the number of positions nationwide is expected to increase by 28%.

Average annual earnings of respiratory therapists in Missouri were \$57,880 in May 2013. The middle 50 percent earned between \$47,770 and \$67,390. The lowest 10 percent earned \$41,110, and the highest 10 percent earned \$76,750.

TRANSFER OPTIONS

The Associate of Applied Science degree is designed for students seeking employment immediately upon graduation. However, many of the credits, particularly the general education electives received with this degree, may qualify as transfer credit at four-year schools.

These decisions are made solely by the bachelor degree-granting institution, not ECC. Students seeking to transfer are advised to contact the institution of their choice before beginning a program or reviewing other degrees and coursework offered through ECC.

THE PROGRAM

East Central College, in partnership with the Rolla Technical Institute/Center, offers a program of study leading to an Associate of Applied Science degree in respiratory care. Students learn to administer treatments and conduct tests on persons with lung and heart conditions, as ordered by a physician. They are also trained to provide patient education and develop critical-thinking skills necessary to perform the duties of a professional healthcare provider.

After program prerequisites have been met, respiratory care is a two-year degree, with an advanced placement option for transfer students and certified respiratory therapists who may qualify. The ECC Respiratory Care Associate of Applied Science degree program is nationally accredited by the Commission on Accreditation for Respiratory Care (CoARC), program #200503 and by the North Central Association of Colleges and Schools.

Graduates sit for the National Board for Respiratory Care examinations. Those who pass the exams may sign the initials RRT following their name to indicate that they are a Registered Respiratory Therapist.

ADMISSION REQUIREMENTS

To enter this course of study, students must meet these institution and program-specific criteria:

- ✓ High school diploma or the equivalent (documentation sent to the registration office)
- ✓ Application for admission to ECC
- ✓ A placement test as specified by the college. (some coursework requires minimum placement results)
- ✓ A completed respiratory care application on file by the specified deadlines (obtained from the Rolla Technical Center)
- ✓ Satisfactory criminal background check and drug screening upon admission
- ✓ Completion of prerequisites with a "C" or better prior to starting the program

ROLLA
573-458-0165

SULLIVAN
573-468-8287

UNION
636-584-6500

WARRENTON
636-584-6588

WASHINGTON
636-239-0598

WWW.EASTCENTRAL.EDU

PROGRAM OF STUDY

Students should plan on attending full-time while completing the program-specific curriculum. The respiratory care classes are only offered at the ECC-Rolla site. The general education courses may be completed at any location. Please review the online college schedule (which is subject to change) at www.eastcentral.edu for the most current course offerings.

FIRST SEMESTER

Course	Hours
FS 1000 Campus Orientation/ FS 1001 Foundation Seminar*	1
EN 1223 English Comp I or EN 1233 English Comp I (Honors)*	3
BI 1804 Introduction to Human Anatomy & Physiology Lecture/Lab*	4
PE 1081 Introduction to Fitness & Wellness	1
MT 1303 Intermediate Algebra* (or eligible for Intermediate Algebra upon starting the program)	3
Total Hours	12

OTHER GENERAL EDUCATION REQUIREMENTS

Course	Hours
EN 1333 English Comp II, EN 1343 Honors English Comp II or EN 1403 Technical Writing	3
HI 1000/ PS 1000 Constitutions Study Module	0
History or Pol. Science Requirement	3
Humanities Elective	3
Total Hours	9

* Program prerequisites

ARTICULATED COURSEWORK FROM ROLLA TECHNICAL INSTITUTE/
CENTER; STUDENTS MUST MEET PROGRAM ADMISSION CRITERIA
AS ESTABLISHED BY RTI/RTC AND SATISFY REQUIREMENTS FOR
NATIONAL CERTIFICATION. SEE LIST BELOW:

Course	Hours
RC 1003 Introduction to Respiratory Care	3
RC 1011 Lab Practicum I	1
RC 1012 Patient Assessment	2
RC 1021 Lab Practicum II	1
RC 1023 Cardio-Pulmonary Anatomy & Physiology	3
RC 1031 Lab Practicum III	1
RC 1033 Respiratory Pharmacology	3
RC 1043 Integrated Sciences	3
RC 1044 Basic Therapeutics	4
RC 1054 Clinical Practicum I	4
RC 2003 Respiratory Pathophysiology	3
RC 2013 Advanced Therapeutics	3
RC 2023 Cardio-Pulmonary Testing	3
RC 2033 Clinical Practicum II	3
RC 2041 Lab Practicum IV	1
RC 2103 Pediatric/Neonatal Respiratory Care	3
RC 2112 Specialty Practice	2
RC 2113 Applied Cardio-Pulmonary Pathology	3
RC 2122 Comprehensive Final Review/Test	2
RC 2133 Advanced Respiratory Therapy Theory	3
RC 2135 Clinical Practicum III	5
RC 2144 Clinical Practicum IV	4
RC 2151 Lab Practicum V	1
Total Articulated Hours	61