

2006 - 2007 CATALOG ADDENDUM

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Credit by Examination for Introduction to Computer Concepts

Credit by examination will be granted to students, who successfully complete a computerized true/false, multiple choice test that includes questions taken from Word, Excel, Access, and PowerPoint. A hands-on application test will also be taken over the same four software programs. The test will take approximately two to four hours to complete. Upon successful completion of the examination, a grade will be assigned for the course.

Students wishing to receive credit by examination for Introduction to Computer Concepts must do the following:

1. Register for the class
2. Pay tuition and fees for the course
3. Schedule a testing date as announced each semester
4. Students will not be required to attend class upon successful completion of the exam

Taking the test is optional and not recommended unless the student is proficient in Word, Excel, Access, and PowerPoint version XP or 2003. Students who do not successfully pass the exam will be required to attend the class.

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Admission Procedures

(Last bullet)

Provide proof of immunization against measles and rubella, including the MMR booster. Health regulations require that immunization be completed after the first birthday and after January 1, 1968, and documentation must indicate the month and year of immunization. This is mandatory for any student born on or after January 1, 1957, who plans to enroll in any course at BRTC. *EXCEPTION:* Not mandatory for a student taking courses for enrichment, unless the student is enrolled full-time or has completed 17 credit hours.

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Transient Students

Transient students are temporary students who wish to attend BRTC for a semester while actively enrolled at another college or university. Transient students are limited to a maximum of 18 credit hours between the two institutions, unless written approval has been granted by the home institution. Transient students wishing to continue at BRTC should follow admission procedures for transfer students.

Transient applicants should send the following documents to the Office of the Registrar, Post Office Box 468, Pocahontas, AR 72455.

- Completed Application
- A letter of good-standing from the student's home college
- copy of drivers licenses
- proof of immunization against measles and rubella and MMR booster for those students born on or after January 1, 1957

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Associate of Arts

Teaching

Black River Technical College offers an Associate of Arts in Teaching (AAT) degree which is designed to introduce students to the profession of teaching while completing the first two years of a baccalaureate degree. The emphasis is such that the student may meet the lower division requirements for the general education courses offered at most four-year institutions as well as the lower division requirements for the student's continuing in an elementary education program in a four-year institution. Students planning to transfer should follow carefully the curriculum advised by the senior institution to which they plan to transfer. This degree will focus on three tracks: Middle School Math/Science, Middle School Language Arts/Social Sciences, and Early Childhood Education.

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**Medical Transcription
Certificate of Proficiency**

Required Courses			Credits
ADMS	1213	Medical Transcription	3
ADMS	2413	Introduction to Word Processing	3
MEDL	1003	Medical Terminology	3
CA	1903	Introduction to Computer Concepts	3
MEDL	1033	Foundations of Human Anatomy & Physiology OR	3
ZOOL	2004 & 2414	Human A & P I and Lab AND Human A & P II and Lab	

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Business

**The following course is no longer offered:
BSYS 2543 Web Page Design Using HTML**

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Criminal Justice

CRIM 2322 Defensive Tactics Instructor Course / 2 credits (2 lec.)
Re-Certification Course SEE Advisor.

CRIM 2332 Defensive Tactics Instructor Course / 2 credits (2 lec.)
Re-Certification Course SEE Advisor.

CRIM 2342 Defensive Tactics Instructor Course / 2 credits (2 lec.)
Re-Certification Course SEE Advisor.

CRIM 2352 Defensive Tactics Instructor Course / 2 credits (2 lec.)
Re-Certification Course SEE Advisor.

CRIM 2362 Defensive Tactics Instructor Course / 2 credits (2 lec.)
Re-Certification Course SEE Advisor.

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Fire Science

FS 1411 First Responder Review / 1 credit (1 lec.)

Prerequisite: FS 1103 Emergency Medical First Responder

Continuation of FS1103 Emergency Medical First Responder. To update individuals who have completed FS 1103 in the skills necessary to assess and care for patients at the scene of an injury or illness. The student will utilize these skills in practical exercises using stabilization and care of injured patients as well as rescue procedures.

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**Emergency Medical Technician - Paramedic
Five Semester Certificate**

Fourth Semester (Summer I)			Credits
EMS	2011	Lab II	1
EMS	2003	Field Internship II	3
MATH	0013	Pre-Algebra or higher	3

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**Patient Care Technician
Certificate of Proficiency**

Required Courses			Credits
MEDL	1001	Introduction to Health Care Issues	1
MEDL	1002	Patient Care Practicum	2
MEDL	1003	Medical Terminology*	3

MEDL 1023 Patient Care Technician 3
 MEDL 1033 Foundations of Human Anatomy & Physiology **OR** 3
 ZOOL 2004 & 2414 Human A & P I and Lab **AND** Human A & P II and Lab

MEDL 1003 Medical Terminology / 3 credits (3 lec.)

Designed to teach students basic physiological processes involved with common diseases and therapies available for such diseases.

MEDL 1043 Medical Coding I / 3 credits (3 lec.)

Prerequisite or co-requisite: Medical Terminology

This course is designed to give students a basic introduction to the coding of disease processes and surgical procedures performed in a hospital, clinic, or office setting.

**Phlebotomy
 Certificate of Proficiency**

Required Courses

Credits

MEDL 1001	Introduction to Health Care Issues	1	
MEDL 1003	Medical Terminology		3
MEDL 1022	Phlebotomy Practicum	2	
MEDL 1034	Phlebotomy		4
MEDL 1033	Foundations of Human Anatomy & Physiology OR	3	
ZOOL 2004 & 2414	Human A & P I and Lab AND Human A & P II and Lab		

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Practical Nursing

MTH 1213 Math for Nurses / 3 credits (3 lec.)

Prerequisite: Each student must meet the criteria under either (a) or (b) as follows: (a) Score 21, or above, on the mathematics section of the ACT, or score 42-55 on the ASSET Intermediate Algebra test; or (b) the student must have earned a grade of “C”, or higher, in MATH 0033 Intermediate Algebra.

Course provides instruction in dosage calculation using ratio to proportion as well as other means of calculation related to medication. Topics include: interpretation of drug labels, syringe types, conversions, Roman numerals, reconstitution and apothecaries, mixing medications, IV flow rates, drip rates, interpretation of physician orders and transcribing to Medication Administration Records (MARs), dispensing, and proper documentation of medications as well as the Six Rights of Medication Administration and military time.

The following course is not offered:

MEL 1003 Medical Terminology

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**Associate of Applied Science
 Registered Nursing
 (LPN/LPTN to RN Transition)**

Summer Session (12 weeks)

		Lecture/Wk	Lab/Wk
RNSG 2216	Nursing Process II	8	0
RNSG 2223	Nursing Practicum II	0	9

Total Theory Hours: 96

Total Practicum Hours: 108

RNSG 2216 Nursing Process II / 6 credits (8 lec.)

The first part of this course utilizes an integrated approach to further emphasize the skills, knowledge, and behaviors needed to care for clients in the areas of the child-bearing family, newborn, and women’s health. Topics will include normal and high-risk client care in the areas of the prenatal period, labor and delivery, postpartum, and the newborn period. The emerging field of genetics, major genetic diseases, and the role nurses play is also incorporated. Lecture content also includes human

reproduction, reproductive health, family planning, female cancers, and general women's health care. The second part of this course provides principles and concepts of mental health, psychopathology, and treatment modalities related to the nursing care of clients and their families. The focus of this course is on the psychosocial impact of wellness-illness problems of the adolescent, adult, and geriatric populations and the management and adaptation process. The course objectives will incorporate holism, human needs, growth and development, communications, safety, and wellness-illness across the life span for clients in these areas.

Prerequisite: RNSG 2114, RNSG 2111, RNSG 2124, RNSG 2133

Co-requisite: RNSG 2223

RNSG 2223 Nursing Practicum II / 3 credits (9 hr practicum)

This clinical experience allows the student to synthesize new knowledge, apply previous knowledge, and gain experience in care of the child-bearing family, newborn, and women's health. Students also use their skills in assessing and caring for children and adults with genetic abnormalities. This course also provides students with the opportunity to provide nursing care to adolescent, adult, and geriatric clients with mental illness. Students will observe and participate in treatment modalities for common mental illnesses, including therapeutic communication and safely planning. Students will engage in the clinical application of concepts covered in RNSG 2216, demonstrating progressive mastery and independence in Registered Nursing practice.

Prerequisite: RNSG 2114, RNSG 2111, RNSG 2124, RNSG 2133

Co-requisite: RNSG 2216

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Advanced Level CRT to RRT Bridge

Prerequisites:

Students must possess an Associate of Science Degree in Respiratory Care and a Certified Respiratory Therapist with 6 months clinical experience. The Student must take the HOBET (Health Occupations Basic Entrance Exam) and submit an application.

Summer I

Required Courses			Credits
RES	2402	Advanced Cardiopulmonary Evaluation	2
RES	2412	Special Procedures	2
RES	2422	Clinical Practice IV	2

Summer II

RES	2403	Advanced Mechanical Ventilation Management	3
RES	2413	Advanced Neonatal/Pediatric Respiratory Care	3

CRT to RRT Bridge

RES 2402 Advanced Cardiopulmonary Evaluation / 2 credits (2 lec.)

This will include the Clinical application of blood gasses, pulmonary function studies, cardiac stress testing, bronchoscopy and various advanced roles of respiratory care.

RES 2403 Advanced Mechanical Ventilation Management /

3 credits (3 lec)

This course will incorporate a review in oxygenation and ventilation, frequently used pharmacological agents in ventilated patients, effects and complications of mechanical ventilation, effects of positive pressure ventilation on the pulmonary system, non-invasive concepts in mechanical ventilation and weaning and discontinuance of mechanical ventilation as well as long term ventilation, neonatal and pediatric ventilation.

RES 2412 Special Procedures / 2 credits (2 lec.)

This will incorporate the multiple duties of the therapist from floor care through beginning management procedures to include computer software addressing hemodynamics, electrocardiography, chest tubes and drainage as well as supervisory instruction and employee scheduling.

RES 2413 Advanced Neonatal/Pediatric Respiratory Care /

3 credits (3 lec)

This course is a review of neonatal/pediatric respiratory care with emphasis on neonatal/pediatric diseases, treatment, oxygenation and mechanical ventilation, and specific ventilators and equipment used in treatment of neonatal and pediatric patients.

RES 2422 Clinical Practice IV / 2 credits (8 lab)

Functional level of the individual therapist will be assessed and 60 to 180 hours clinical practice will be assigned to bring therapist to the advanced respiratory therapist level. A Registry Level Written Exam and a Clinical Simulation Exam must be completed. Also Basis Life Support and Advanced Cardiac Life Support will be completed prior to completion. A Registry Review will be held at the end of the session.

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**Associate of Applied Science
Industrial Maintenance Technology**

Credit hour change for the following course only:

Required Courses	Credits
ELT 1406 Industrial Electrical Systems	6

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Student Appeal Process

Step 2. The Student Appeals Officer will submit the appeal to the Student Appeals Committee for the committee's consideration. If the Student Appeals Committee cannot reach a majority decision, the appeal will be presented to the Administrative Appeals Committee. If the appeal involves grades, policies, or procedures, the Student Appeals Officer will present the appeal directly to the Administrative Appeals Committee for consideration. The Student Appeals Committee has no authority, in any circumstance, to overturn grades or to change the policies and /or procedures of this college. The Student Appeals Officer will notify the student(s) in writing of the decision rendered within five (5) working days.

Step 4. The Student Appeals Officer will submit the appeal to the Administrative Appeals Committee for the committee's consideration. The Administrative Appeals Committee will derive at a conclusion regardless of the vote and will submit the decision to the Student Appeals Officer. The Student Appeals Officer will notify the student(s) in writing of the decision rendered within five (5) working days.