

Physics

Emphasis of Study



Associate in Science (Total Credit Hours – 64)

FOUNDATION STUDIES			
Written Communications			
<input type="checkbox"/> ENGL	1204	English Composition I OR	3
<input type="checkbox"/> ENGL	1209	English Composition I w/Review	
<input type="checkbox"/> ENGL	1206	English Composition II	3
Oral Communications			
<input type="checkbox"/> COMM	1200	Interpersonal Communication OR	3
<input type="checkbox"/> COMM	1230	Public Speaking	
College-level Mathematics			
<input type="checkbox"/> MATH		College-level Mathematics	3
Computer Literacy			
<input type="checkbox"/> BSTC	1036	Computer Concepts & Applications	3
TOTAL			15

HUMANITIES			
3 credits from 2 of the 3 subject areas See General Education List and Advisor for Transfer Information			
Fine Arts			
<input type="checkbox"/>			
<input type="checkbox"/>			
Language Arts			
<input type="checkbox"/>			
<input type="checkbox"/>			
Philosophy / History / Religion			
<input type="checkbox"/>			
<input type="checkbox"/>			
TOTAL			6

SOCIAL and BEHAVIORAL SCIENCES			
3 credits from 2 of the 3 subject areas See General Education List and Advisor for Transfer Information			
Social Science			
<input type="checkbox"/>			
<input type="checkbox"/>			
Behavioral Science			
<input type="checkbox"/>			
<input type="checkbox"/>			
Economics / Political Science			
<input type="checkbox"/>			
<input type="checkbox"/>			
TOTAL			6

NATURAL SCIENCE and MATHEMATICS			
At least one 5-credit lab science course See General Education List and Advisor for Transfer Information			
<input type="checkbox"/>			
<input type="checkbox"/>			
TOTAL			10

PHYSICAL EDUCATION, HEALTH, and PERFORMANCE			
Only one credit from Performance course allowed			
<input type="checkbox"/>			
<input type="checkbox"/>			
TOTAL			2

REQUIREMENTS for EMPHASIS:

EMPHASIS REQUIREMENTS			
<input type="checkbox"/> PHYS	1606	Engineering Physics II	5
<input type="checkbox"/> MATH	1832	Analytic Geometry/Calculus I	5
<input type="checkbox"/> MATH	1834	Analytic Geometry & Calculus II	5
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
TOTAL			15

EMPHASIS ELECTIVES			
<input type="checkbox"/>		See Advisor for recommended coursework	
<input type="checkbox"/> MATH	1836	Analytic Geometry & Calculus III	3
<input type="checkbox"/> MATH	1838	Differential Equations	3
<input type="checkbox"/> PGRM	1037	Computer Science I	4
<input type="checkbox"/>			
TOTAL			10

Review Date: 10/18
Effective Date: 11/17

Student Name: _____ ID#: _____

Placement Scores: ___ English ___ Math ___ Reading

www.bartonccc.edu

1-800-748-7594

Non-Discrimination Notice: To provide equal employment, advancement and learning opportunities to all individuals, employment and student admission decisions at Barton will be based on merit, qualifications, and abilities. Barton County Community College does not discriminate on the basis of any characteristic protected by law in all aspects of employment and admission in its education programs or activities. Any person having inquiries concerning Barton County Community College's non-discrimination compliance policy, including the application of Equal Opportunity Employment, Titles IV, VI, VII, IX, Section 504 and the implementing regulations, is directed to contact the College's Compliance Officer, Barton County Community College, Room A-123, Great Bend, Kansas 67530 (620) 792-2701. Any person may also contact the Director, Office of Civil Rights, U.S. Department of Education, Washington, DC 20201.