

Optometry Emphasis of Study

Associate of Science – 60 Credit Hours

Zone 1: Foundation Courses						
Sector A: Written and Oral Communication						
	ENGL 1204 or	English Composition I or	3			
	ENGL 1209	English Composition I with Review				
	ENGL 1206	English Composition II	3			
	COMM 1200 or	Interpersonal Communications or	3			
	COMM 1230	Public Speaking				
Sector B: Mathematical Reasoning See General Education List and Advisor for Transfer Information						
		College Level Mathematics	3			
Sector C: Technological Skills See General Education List and Advisor for Transfer Information						
			3			
Sect	Sector D: Global Issues and Diversity* See General Education List and Advisor for Transfer Information					
			3			
Total			18			

*A course in Zone 1, Sector D Global Issues and Diversity could apply and meet the requirement in the appropriate Sector in Zone 2. It is possible to achieve the requirements of Zone 1 with 15 credit hours.

Zone 2: Introductory Courses Six classes, at least one from each area, minimum of 18 and maximum of 24 credit hours.					
Sector A: Arts and Humanities See General Education List and Advisor for Transfer Information					
Sector B: Social Sciences See General Education List and Advisor for Transfer Information					
Sector C: Mathematics and Pure Science One lab science required. See General Education List and Advisor for Transfer					
Information					
Sector D: Personal Well-Being Restricted to two credits in PHED or HLTH. See General Education List and Advisor for Transfer					
Inform					
Total			24		

Student Name:____

ID#:___

____ Placement Scores: ___English ___Math ___Reading

Non-Discrimination Notice: Barton Community College adheres to all federal, state, and local civil rights laws prohibiting discrimination in employment and education. Barton Community College does not discriminate in its admissions practices [except as permitted by law], in its employment practices, or in its educational programs or activities on the basis of sex/gender, race, color, national origin, disability or any other protected classes enumerated in Policy 1132. 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 Barton's Title IX Coordinator, Cheryl Brown, Title IX Coordinator, 245 NE 30 Road, Great Bend, KS 67530, (620) 786-7441, titleix@bartonccc.edu or brownc@bartonccc.edu. Visit equal.bartonccc.edu for more information.



Zone 3: Emphasis Requirements and Electives Depending upon choices in Zones 1 and 2, the credit hours in Zone 3 could vary between 18 and 27.						
Sector A: Emphasis Requirements						
	CHEM 1806	College Chemistry I	5			
	LIFE 1407 and	Anatomy and Physiology I and	4			
	LIFE 1409	Anatomy and Physiology II	4			
	or	or				
	LIFE 1408	Anatomy and Physiology	5			
	MDAS 1672	Medical Terminology	3			
Secto	or B: Emphasis Electiv					
	CHEM 1808	College Chemistry II 0 2 8 4 6 7 8 0	5			
	CHEM 1814	Organic Chemistry I 0 6 6 6 8	5			
	CHEM 1816	Organic Chemistry II 0 6 6 6 8	5			
	CHEM 1830	Biochemistry 🛛	3			
	HOME 1501	Basic Nutrition 9	3			
	LIFE 1402	Principles of Biology 🛛 🖓 🖓 🕲 🕲 🛈	5			
	LIFE 1412	Principles of Microbiology ❷O Ø Ø ♦	5			
	MATH 1830	Trigonometry 🛛 🕄 🕄	3			
	MATH 1831	Business Calculus 🛛	3			
	PHED 1246	First Aid Emergency Care 9	3			
	PHSC 1400	Physical Science O \blacklozenge	5			
	PHYS 1600	Physics I 🛛 🕄 🗳 🎯 🖉 🧐 🕲	5			
	PHYS 1602	Physics II 0 6 6 6 9 0	5			
	PSYC 1006	Abnormal Psychology O	3			
	PSYC 1014	Developmental Psychology O	3			
	SOCI 1110	Introduction to Sociology 🛛 🖸 🛈	3			
	STAT 1827	Elements of Statistics Lab 0 2 9 9 5 6 8 9 0	0-1			
	STAT 1829	Elements of Statistics 0 2 3 3 5 6 8 9 0	3			
Secto	Sector C: Other Electives					
Tota	I		18			

**All courses are available online with the exception of PHED 1246 First Aid Emergency Care.

Review Date: 10/21 Effective Date: 08/22

Legend for recommended Emphasis Electives

- Chiropractic
- Dental Hygiene
- Oentistry
- Medicine

O Occupational TherapyOptometry

G Nursing Transfer

- Pharmacy

- O Physical Therapy
- O Physical Therapy Assistant
- Physician Assistant
- O Radiology Tech
- ♦ Respiratory Therapy

Student Name:

_ID#:__

Placement Scores: ____English ____Math ____Reading

Non-Discrimination Notice: Barton Community College adheres to all federal, state, and local civil rights laws prohibiting discrimination in employment and education. Barton Community College does not discriminate in its admissions practices [except as permitted by law], in its employment practices, or in its educational programs or activities on the basis of sex/gender, race, color, national origin, disability or any other protected classes enumerated in Policy 1132. 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 Barton's Title IX Coordinator, Cheryl Brown, Title IX Coordinator, 245 NE 30 Road, Great Bend, KS 67530, (620) 786-7441, titleix@bartonccc.edu or brownc@bartonccc.edu. Visit equal.bartonccc.edu for more information.