

Rubric to Assess General Education Course Status

Date: July 15, 2013

Course Prefix and Number: BIO 119

Title of Course Seeking General Education Status: Introduction to Forensic Science with Laboratory

(Attach Document to the General Education Status Form (A500) when seeking General Education Status)

A general education core curriculum will enable KCTCS colleges to graduate men and women who are intellectually flexible, articulate, reflective, creative, and prepared for continuous learning. For all students, this implies some understanding of the value of higher education and the world of work and career fields related to their own abilities, interests, and needs. The general education core competencies will enable students to develop their own values, pursue goals, and contribute to the political, moral, social, and cultural enrichment of society. (KCTCS Catalog)

To be considered a General Education course, a course must meet all four criteria below, and the course must meet the CPE Statewide General Education Student Learning Outcomes for its category.

Criteria for General Education Course Status	Meets	Does Not Meet	Comments
Course content contributes to a broad base of knowledge (e.g., does not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession).	X		
The course provides information essential to a specific academic discipline yet is applicable to multiple areas of study.	X		
Course is not taught in a Fine Arts studio format (e.g., drawing, acting, guitar, etc.)	X		
Course is designed for transfer to other institutions based upon general education categories established by SACS and CPE: Written and Oral Communication, Quantitative Reasoning, Arts and Humanities, Natural Sciences, and Social and Behavioral Sciences.	X		

12-28-10; 4-1-11; Approved by Council 4-21-11; Revised 10-19-12

Demonstration of CPE Statewide General Education Student Learning Outcomes (The proposal should demonstrate how the course will meet the student learning outcomes for its category.)			
<p>Written (WC) and Oral (OC) Communication : WC courses must meet the first SLO and OC courses must meet the second SLO, with both types of courses meeting at least two of the remaining three SLOs.</p> <ol style="list-style-type: none"> 1. Write clear and effective prose in several forms, using conventions appropriate to audience (including academic audiences), purpose, and genre. (LEAP A, B, C and D)* 2. Listen and speak competently in a variety of communication contexts, which may include public, interpersonal, and/or small-group settings. (LEAP B, C and D)* 3. Find, analyze, evaluate, and cite pertinent primary and secondary sources, including academic databases, to prepare speeches and written texts. (LEAP B and D)* 4. Identify, analyze, and evaluate statements, assumptions, and conclusions representing diverse points of view; and construct informed, sustained, and ethical arguments in response. (LEAP B, C and D)* 5. Plan, organize, revise, practice, edit, and proofread to improve the development and clarity of ideas. (LEAP B and D)* 			N/A
<p>Quantitative Reasoning (QR): QR courses should meet all five SLOs.</p> <ol style="list-style-type: none"> 1. Interpret information presented in mathematical and/or statistical forms. (LEAP B)* 2. Illustrate and communicate mathematical and/or statistical information symbolically, visually, and/or numerically. (LEAP A, B and C)* 			N/A

<p>3. Determine when computations are needed and to execute the appropriate computations. (LEAP B)*</p> <p>4. Apply an appropriate model to the problem to be solved (LEAP A, C and D)*</p> <p>5. Make inferences, evaluate assumptions, and assess limitations in estimation modeling and/or statistical analysis. (LEAP B, C and D)*</p>			
<p>Arts and Humanities (AH): AH courses should meet at least three of the five SLOs. Foreign Language: Demonstrate competency in a foreign language. Foreign language study develops essential skills and cultural awareness critical for success in a multilingual world.</p> <p>1. Utilize basic formal elements, techniques, concepts and vocabulary of specific disciplines within the Arts and Humanities. (LEAP A and B)*</p> <p>2. Distinguish between various kinds of evidence by identifying reliable sources and valid arguments. (LEAP B)*</p> <p>3. Demonstrate how social, cultural, and historical contexts influence creative expression in the arts and humanities. (LEAP A and B)*</p> <p>4. Evaluate the significance of human expression and experience in shaping larger social, cultural, and historical contexts. (LEAP A, B and C)*</p> <p>5. Evaluate enduring and contemporary issues of human experience. (LEAP A and D)*</p>			N/A
<p>Natural Sciences (NS): NS courses should meet the four SLOs. Each institution's general education natural science block must meet the category experience: Conduct a hands-on project using scientific</p>			

<p>principles.</p> <p>1. Demonstrate an understanding of the methods of science inquiry. (LEAP A and B)*</p> <p>2. Explain basic concepts and principles in one or more of the sciences. (LEAP A and B)*</p> <p>3. Apply scientific principles to interpret and make predictions in one or more of the sciences. (LEAP A, B and D)*</p> <p>4. Explain how scientific principles relate to issues of personal and/or public importance. (LEAP A, B, C and D)*</p>	<p>X</p> <p>X</p> <p>X</p> <p>X</p>		
<p><i>Social and Behavioral Sciences (SB):</i> SB courses should meet at least three of the five SLOs.</p> <p>1. Demonstrate knowledge of at least one area of the social and behavioral sciences. (LEAP A and D)*</p> <p>2. Apply knowledge, theories, and research methods, including ethical conduct, to analyze problems pertinent to at least one area of the social and behavioral sciences. (LEAP A, B, C and D)*</p> <p>3. Understand and demonstrate how at least one area of the social and behavioral sciences conceptualizes diversity and the ways it shapes human experience. (LEAP A, B, C and D)*</p> <p>4. Integrate knowledge of at least one area of the social and behavioral sciences into issues of personal or public importance. (LEAP A, B, C and D)*</p> <p>5. Communicate effectively using the language and terminology germane to at least one area of the social and behavioral sciences. (LEAP A and D)*</p>			<p>N/A</p>

* Kentucky's Statewide General Education Student Learning Outcomes are mapped to the American Association of Colleges and Universities' (AAC&U) Liberal Education for America's Promise (LEAP) Essential Learning Outcomes - as a guiding vision and national benchmarks for college learning and liberal education in the 21st century.