Annendix

Fall 2012 Kentucky Statewide General Education Student Learning Outcomes

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. The following abbreviations are used:

WC & OC-- Written and Oral Communications,

AH--Arts and Humanities,

QR--Quantitative Reasoning,

NS--Natural Sciences, and

SB--Social and Behavioral Sciences.

Students should prepare for the twenty-first century by gaining:

Knowledge of human cultures and the physical and natural worlds

· Through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts

General Education Student Learning Outcomes:

- (WC & OC): Write clear and effective prose in several forms, using conventions appropriate to audience (including academic audiences), purpose, and genre.
- (AH): Utilize basic formal elements, techniques, concepts and vocabulary of specific disciplines within the Arts and Humanities.
- (AH): Demonstrate how social, cultural, and historical contexts influence creative expression in the arts and humanities.
- (AH): Evaluate the significance of human expression and experience in shaping larger social, cultural, and historical contexts.
- (AH): Evaluate enduring and contemporary issues of human experience.
- (QR): Illustrate and communicate mathematical and/or statistical information symbolically, visually and/or numerically.
- (QR): Apply an appropriate model to the problem to be solved.
- (NS): Demonstrate an understanding of the methods of science inquiry.
- (NS): Explain the basic concepts and principles in one or more of the sciences.
- (NS): Apply scientific principles to interpret and make predictions in one or more of the sciences.
- (NS): Explain how scientific principles relate to issues of personal and/or public importance.
- (SB): Demonstrate knowledge of at least one area of the social and behavioral sciences.
- (SB): Apply knowledge, theories, and research methods, including ethical conduct, to analyze problems pertinent to at least one area of the social and behavioral sciences.
- (SB): Understand and demonstrate how at least one area of the social and behavioral sciences conceptualizes diversity and the ways it shapes human experience.
- (SB): Integrate knowledge of at least one area of the social and behavioral sciences into issues of personal or public importance.
- (SB): Communicate effectively using the language and terminology germane to at least one area of the social and behavioral sciences.

Intellectual and practical skills, including

- inquiry and analysis,
- critical and creative thinking,
- written and oral communication,
- quantitative literacy,
- information literacy,
- teamwork and problem solving

General Education Student Learning Outcomes:

- (WC & OC): Listen and speak competently in a variety of communication contexts, which may include public, interpersonal, and/or small-group settings.
- (WC & OC): Write clear and effective prose in several forms, using conventions appropriate to audience (including academic audiences), purpose, and genre.
- (WC & OC): Find, analyze, evaluate, and cite pertinent primary and secondary sources, including academic databases, to prepare
 speeches and written texts.
- (WC & OC): Identify, analyze, and evaluate statements, assumptions, and conclusions representing diverse points of view, construct informed, sustained, and ethical arguments in response.
- · (WC & OC): Plan, organize, revise, practice, edit, and proofread to improve the development and clarity of ideas.
- (AH): Utilize basic formal elements, techniques, concepts and vocabulary of specific disciplines within the Arts and Humanities.
- (AH): Distinguish between various kinds of evidence by identifying reliable sources and valid arguments.
- (AH): Demonstrate how social, cultural, and historical contexts influence creative expression in the arts and humanities.
- · (AH): Evaluate the significance of human expression and experience in shaping larger social, cultural, and historical contexts.
- (QR): Interpret information presented in mathematical and/or statistical forms.
- · (QR): Illustrate and communicate mathematical and/or statistical information symbolically, visually and/or numerically.
- (QR): Determine when computations are needed and to execute the appropriate computations
- (QR): Make inferences, evaluate assumptions, and assess limitations in estimation modeling and/or statistical analysis.
- (NS): Demonstrate an understanding of the methods of science inquiry.
- (NS): Explain the basic concepts and principles in one or more of the sciences.
- (NS): Apply scientific principles to interpret and make predictions in one or more of the sciences.
- (NS): Explain how scientific principles relate to issues of personal and/or public importance.
- (SB): Apply knowledge, theories, and research methods, including ethical conduct, to analyze problems pertinent to at least one area of the social and behavioral sciences.
- (SB): Understand and demonstrate how at least one area of the social and behavioral sciences conceptualizes diversity and the ways it shapes human experience.
- (SB): Integrate knowledge of at least one area of the social and behavioral sciences into issues of personal or public importance.

Personal and social responsibility, including

- · civic knowledge and engagement (local and global),
- · intercultural knowledge and competence,
- ethical reasoning and action,
- foundations and skills for lifelong learning

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- (AH): Evaluate the significance of human expression and experience in shaping larger social, cultural, and historical contexts.
- (QR): Illustrate and communicate mathematical and/or statistical information symbolically, visually and/or numerically.
- (QR): Apply an appropriate model to the problem to be solved.
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 ways it shapes human experience.
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Integrative learning, including

· synthesis and advanced accomplishment across general and specialized skills

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- Communicate effectively using the language and terminology germane to at least one area of the social and behavioral sciences.