

**LORAIN COUNTY COMMUNITY COLLEGE**  
**FACULTY GUIDELINES FOR THE**  
**ASSESSMENT OF LCCC GENERAL EDUCATION OUTCOMES**  
**EMBEDED IN INDIVIDUAL COURSE OUTCOMES**

	<b>LCCC General Education Outcomes</b>	<b>Measurable Criteria</b> Students <u>demonstrate</u> the following abilities: <b>knowledge, skills, behavior, values, attitude etc.</b>	<b>Possible Assessment Approaches and Methods?</b>
1	Develop the professional competencies to function effectively within their chosen academic disciplines and careers	1a. <u>Identify</u> behaviors that lead to success in the individual's chosen field. 1b. <u>Discuss</u> core values needed to make ethical, personal, social and professional decisions. 1c. <u>Demonstrate</u> a professional and work ethic.	* Class tests * Capstone Courses * Portfolio * Project Work * Major core courses * Essay * Others
2	Develop technological literacy and demonstrate knowledge of the applications of technology in everyday life	2a. <u>Use</u> computer technology to access and retrieve information and to create and produce documents 2b. <u>Use</u> at least one word processing system effectively to prepare, edit, and manipulate text and charts for creating documents and reports. 2c. <u>Communicate</u> electronically via local and wide area networks.	* Class assignment - Research paper - Design project - Laboratory reports * Computer skills - Spread sheet - Graphic arts
3	Understand and apply scientific inquiry	3a. <u>Use</u> scientific methods. 3b. <u>Apply</u> scientific knowledge to program of study and contemporary issues. 3c. <u>Utilize</u> reliable sources when gathering information.	* Class tests * Project * Research paper * Portfolio * Interview/conference
4	Develop an appreciation for and an understanding of the arts and humanities	4a. <u>Assess</u> the value, and significance of literature, visual art, and performing arts. 4b. <u>Select</u> appropriate vocabulary and technology to describe and discuss artistic expressions and achievements. 4c. <u>Explain</u> how the creative processes used in literature and the arts may be applied to an individual's chosen field of study.	* Class tests * Visual representation * Essays * Oral presentation * Dance/movements * Dramatic reading * Musical recital * Interviews * Role play * Field trips
5	Develop an understanding of the history of the diverse social, economic, and political models of the society.	5a. <u>Discuss</u> how social science has been used to address contemporary issues. 5b. <u>Consider</u> how specialized knowledge and skills from a specific area of social sciences are related to a broad course of study. 5c. <u>Identify</u> how the differing world views of modern political entities have been shaped by the past. 5d. <u>Demonstrate</u> civic responsibility in one's community.	* Class tests * Essays * Research paper * Oral presentations * Portfolio * Spread sheet * Video/audio tape review * Models * Interview
6	Develop precision, clarity, and fluency in writing	6a. <b>Content:</b> <u>Address</u> the topic and explores the issues. <u>Show</u> clarity of thought and logic is developed with supporting information. 6b. <b>Organization:</b> <u>Develop</u> a central statement (thesis) <u>Expressing</u> an opinion. <u>Demonstrate</u> an overall pattern of organization. 6c. <b>Expression:</b> <u>Demonstrate</u> competency in syntax, mechanics, usage, tone and voice. 6d. <b>Format:</b> <u>Acknowledge</u> sources of ideas.	* Class tests * Essays * Phrases * Short answers * Paragraphs * Research paper * Lab report * Others

	<b>Outcomes/ Goals</b>	<b>Measurable Criteria</b> <b>Students demonstrate the following abilities:</b> <b>knowledge, skills, behavior, values, attitude etc.</b>	<b>Student learning activities and possible assessment methods?</b>
7	Develop accuracy, conciseness, and coherence in spoken communication.	7a. <u>Organize</u> and deliver effective oral presentations. 7b. <u>Adapt</u> communication appropriately, considering situation, audience and environment 7c. <u>Collaborate</u> effectively with others to share information, solve problems or complete tasks 7d. <u>Apply</u> critical standards to communication	* Class demonstration * Oral presentation * Debate * Discipline specific communication * Group projects/ activities * Dance/movement * Performance literature * Teach a lesson * Role plays
8	Apply mathematical concepts to solve quantitative problems	8a. <u>Solve</u> problems algebraically, numerically, graphically and verbally, using technology when appropriate. 8b. <u>Solve</u> word problems in the context of applied situations. 8c. <u>Apply</u> appropriate formulas for solving problems. 8d. <u>Interpret, manipulate and apply</u> data accurately from tables, charts and/or graphs in a manner that demonstrates knowledge of appropriate quantitative computations and mathematical methods.	* Class tests * Formula calculations * Math problem solving * Computer software application skills * Calculator skills * Science lab/project calculations * Research findings evaluation * Others
9	Develop critical thinking and reasoning skills for problem solving	9a. <u>Question</u> and analyzes information from multiple perspectives. 9b. <u>Demonstrate</u> reasonable and reflective thinking focused on solving problems. 9c. <u>Use</u> qualitative and quantitative methods for solutions to problems.	* Class tests * Short answers * Debate * Critics * Math problem solving * Formula interpretation * Judgment skills * Portfolio * Lab reports
10	Develop an understanding of gender, ethnic, minority, multicultural, and global issues	10a. <u>Identify</u> multicultural community and global issues. 10b. <u>Articulate</u> an understanding of globalization and international relationships drawing on varied perspectives and personal reflection. 10c. <u>Appreciate</u> ethnic diversity.	* Class tests * Essays * Video/audio tape review * Art exhibit * Story play * Debate * Oral presentation * Others
11	Develop an appreciation for and an understanding of the benefits of a healthy, active and well-balanced lifestyle	11a. <u>Develop</u> a code of behavior that reflects on the importance of regular physical activity. 11b. <u>Evaluate</u> the choices made in personal lifestyle based on sound principles of health. 11c. <u>Develop</u> a philosophy that recognizes the relationship between dimensions of health as it relates to significant others, community, and society..	* Pre & post tests * Skills performance/ demonstration * Journal/reflection writing * Surveys * Focus groups * Self-assessments

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