

Standing Requirements

SLO/Performance Indicator

Information Technology and Computer Science Dept. Outcome Set

1. Critical Thinking Skills

Apply critical thinking skills and knowledge of the technical capabilities of the computer to identify and solve problems based on an analysis of requirements.

Performance Indicator	Mapping
1a. Identify all relevant components of the problem presented.	Lakeland Learning Outcomes: 4, 5
1b. Identify, critique, and select the appropriate toolset to solve the problem.	Lakeland Learning Outcomes: 6a, 6b, 7
1c Create a logic plan to solve the problem. (as required)	Lakeland Learning Outcomes: 7
1d. <i>Marked obsolete by Nichole Dauenhauer on 05/03/2019 10:48:11 am EDT</i> Develop a problem solution.	No Mapping
1e. <i>Marked obsolete by Nichole Dauenhauer on 05/03/2019 10:49:25 am EDT</i> Create and apply an appropriate testing strategy. (as required)	No Mapping
1f. Create an appropriate set of technical and user documentation. (as required)	Lakeland Learning Outcomes: 11, 12, 12b

2. Communication Skills

Apply effective communication skills and function collaboratively with others.

Performance Indicator	Mapping
2a. Use correct spoken and written English to logically present appropriate IT artifacts to stakeholders.	Lakeland Learning Outcomes: 10, 11, 12, 12b, 9a, 9b
2b. Produce effective business communications.	Lakeland Learning Outcomes: 10, 11, 12, 12b, 9a, 9b
2c. Apply knowledge of the team building process to create, critique, and function within an effective team.	Lakeland Learning Outcomes: 20a, 20b, 21
2d. Demonstrate respect for diverse experiences and perspectives.	Lakeland Learning Outcomes: 21

3. Professional and Ethical Manner

Act in a professional and ethical manner.

Performance Indicator	Mapping
3a. Articulate and/or adhere to professional codes of ethics.	Lakeland Learning Outcomes: 17
3b. Recognize ethical dilemmas and propose ethical solutions to IT problems consistent with one or more IT industry code(s) of ethics.	Lakeland Learning Outcomes: 17, 4, 5, 6a, 6b, 7
3c. Demonstrate knowledge of appropriate ethical and/or legal issues surrounding storage of, access to, backup of, and loss prevention of digital data as stored on a computing system.	Lakeland Learning Outcomes: 17, 4

4. Ongoing Learning Needs

Identify and address ongoing learning needs.

Performance Indicator	Mapping
4a. Independently explore or research new and/or additional relevant IT concepts and features.	Lakeland Learning Outcomes: 1, 14, 4
4b. Present and/or demonstrate and/or report on research results.	Lakeland Learning Outcomes: 10, 11, 12, 12b
4c. Discuss problem solving strategies based on new information discovered/skills developed.	Lakeland Learning Outcomes: 5

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