

Standing Requirements

## SLO/Performance Indicator

### Cisco Networking Department Student Learning Outcomes

#### 1. Apply engineering knowledge

Performance Indicator	Mapping
1a. The student will demonstrate an ability to apply the knowledge, techniques, skills, and modern tools of the discipline to narrowly-defined engineering technology activities	Lakeland Learning Outcomes: 1, 2
1b. The student will demonstrate an ability to apply a knowledge of mathematics, sciences, engineering, and technology to engineering technology problems that require limited application of principles but extensive practical knowledge	Lakeland Learning Outcomes: 1, 2
1c. The student will demonstrate an ability to conduct standard tests and measurements, and to conduct, analyze, and interpret experiments	Lakeland Learning Outcomes: 1, 2, 4, 5, 6a, 6b, 7, 8a, 8b

#### 2. Effective Team Member

Performance Indicator	Mapping
2. The student will demonstrate an ability to function effectively as a member of a technical team.	Lakeland Learning Outcomes: 20a, 20b, 21

### 3. Problem-solving

Performance Indicator	Mapping
3. The student will demonstrate an ability to identify, analyze, and solve narrowly defined engineering technology problems	<b>Lakeland Learning Outcomes:</b> 4, 5, 6a, 6b, 7, 8a

### 4. Communication

Performance Indicator	Mapping
4. The student will demonstrate an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature.	<b>Lakeland Learning Outcomes:</b> 10, 11, 12, 12b, 14, 15a, 15b, 16, 17, 9b

### 5. Professionalism

Performance Indicator	Mapping
5a. The student will demonstrate an understanding of the need for and an ability to engage in self-directed continuing professional development	<b>Lakeland Learning Outcomes:</b> 1, 2, 3
5b. The student will demonstrate an understanding of and a commitment to address professional and ethical responsibilities, including a respect for diversity	<b>Lakeland Learning Outcomes:</b> 18a, 18b
5c. The student will demonstrate a commitment to quality, timeliness, and continuous	<b>Lakeland Learning Outcomes:</b> 1, 2, 3

improvement

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