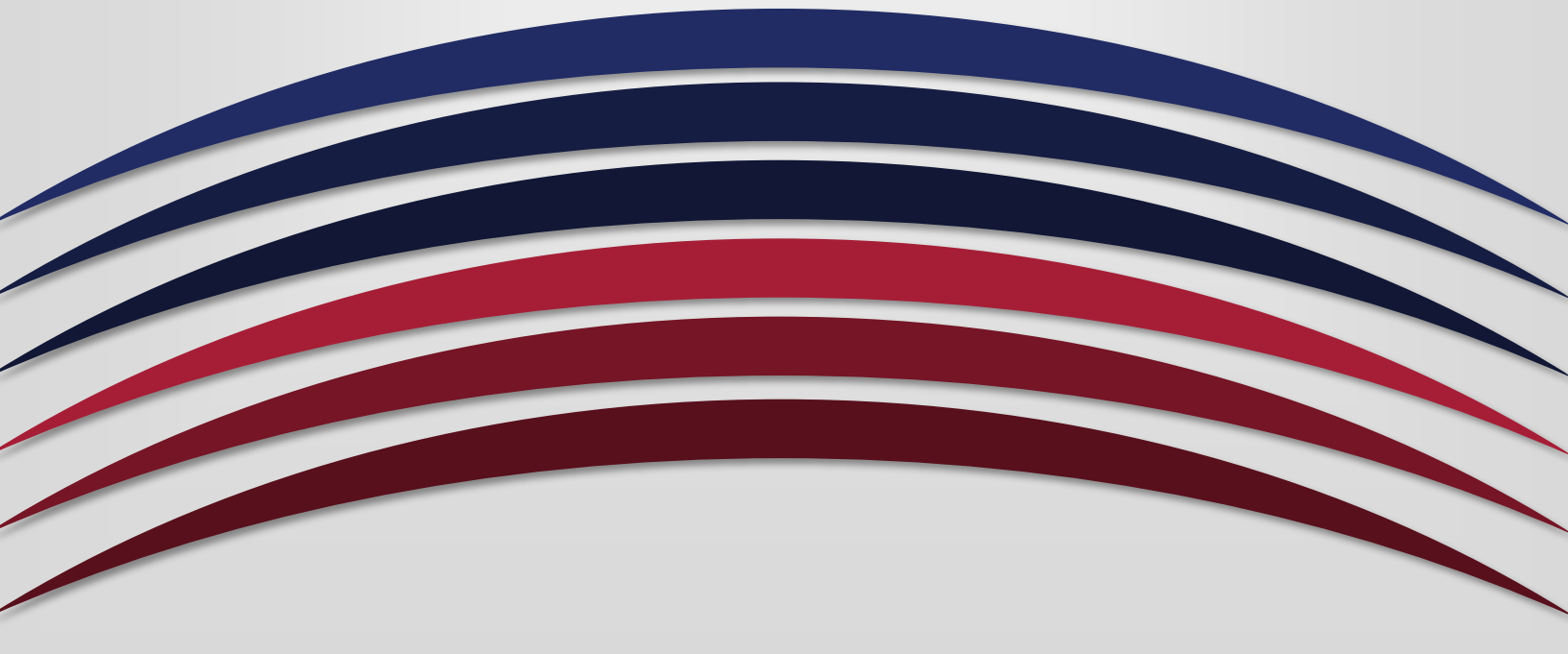


UNIVERSITY OF ARKANSAS  
**PULASKI TECH**

**Assessment Report:**  
**2018-2019**

**Due to Chair/Program Director and  
Assessment Coordinator by  
September 4th**



## Course-Level Learning Outcomes

### 1. What are the Course-Level Outcomes (CLOs)?

- Develop the IPv4 Address Scheme
- Initialize and Reload Devices
- Configure Device IPv4 and Security Settings
- Test and Verify IPv4 End to End Connectivity
- Configure IPv6 Addressing on R1
- Test and Verify IPv6 End to End Connectivity
- Use the IOS CLI to Gather Device Information

### Which CLOs were addressed for this academic year? (2018-2019)

All

- Develop the IPv4 Address Scheme
- Initialize and Reload Devices
- Configure Device IPv4 and Security Settings
- Test and Verify IPv4 End to End Connectivity
- Configure IPv6 Addressing on R1
- Test and Verify IPv6 End to End Connectivity
- Use the IOS CLI to Gather Device Information

### 2. Which CLOs are being addressed in your assessment plan next academic year? (2019-2020)

All

- Develop the IPv4 Address Scheme
- Initialize and Reload Devices
- Configure Device IPv4 and Security Settings
- Test and Verify IPv4 End to End Connectivity
- Configure IPv6 Addressing on R1
- Test and Verify IPv6 End to End Connectivity
- Use the IOS CLI to Gather Device Information

### 3. Explain the assessment cycle.

The assessment cycle for CCNA 1 and the Networking program is two-year cycle. This assessment started in the 2018-19 academic year. Faculty

deploy the assessment skills exam at the conclusion of each semester. Curriculum is updated to meet CISCO and employer standards and needs.

#### 4. What are the assessment methods? Are they direct or indirect?

The assessment method for CCNA 1 is a direct assessment of the skills taught throughout the semester. Students complete a practical exam using live equipment to create a working network using routers and switches.

#### 5. What are the assessment goal(s)?

The assessment goal or threshold for the CCNA 1 course is 75% of students will complete the skills practical exam with a 70% or higher.

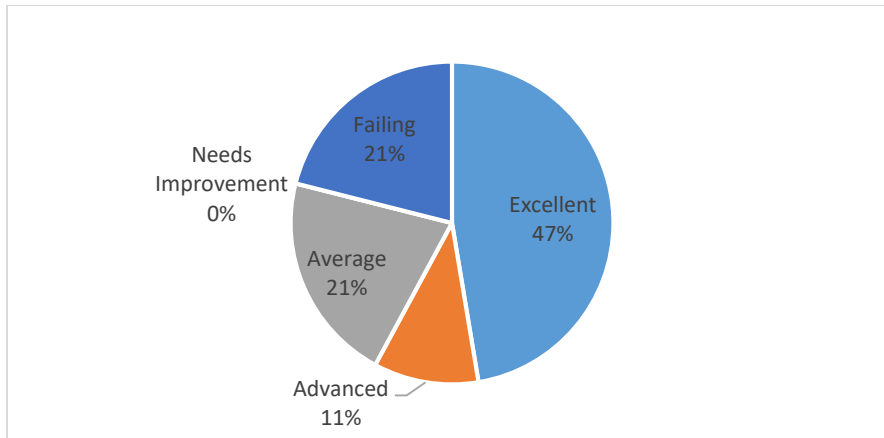
#### 6. What were the findings for this academic year? (2018-2019)

A total of nineteen students completed CCNA 1, fifteen students passed the exam with at least 70% and nine passed with at least 90%. Only four students did not achieve the goal of 70%.

	Fall	Spring	Total
Excellent	6	3	9
Advanced	1	1	2
Average	1	3	4
Needs Improvement	0	0	0
Failing	4	0	4

#### 7. What is your analysis of the findings?

79% of the students achieved a 70% or higher and 47% scoring at least 90%. Twenty-one percent of the students did not achieve the 70% threshold.



8. What is the action plan for the next academic year? (2019-2020) Explain.

The plan is to continue with the assessment practical skills exam with live equipment to ensure continued success throughout the rest of this assessment cycle.