



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)?

- Initialize Devices
- Configure Device Basic Settings.
- Configure LAN Redundancy and Link Aggregation.
- Configure [EIGRP | OSPF] IPv4 Dynamic Routing Protocol.
- Verify Network Connectivity and HSRP.

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

All

- Initialize Devices
- Configure Device Basic Settings.
- Configure LAN Redundancy and Link Aggregation.
- Configure [EIGRP | OSPF] IPv4 Dynamic Routing Protocol.
- Verify Network Connectivity and HSRP.

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

All

- Initialize Devices
- Configure Device Basic Settings.
- Configure LAN Redundancy and Link Aggregation.
- Configure [EIGRP | OSPF] IPv4 Dynamic Routing Protocol.
- Verify Network Connectivity and HSRP.

### 3. Explain the assessment cycle.

The assessment cycle for CCNA 4 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 4 is a direct assessment of the skills taught throughout the semester. Students complete a practical exam using live equipment to create complex working networks using routers and switches.

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

The assessment goal or threshold for the CCNA 4 course is 75% of students will complete the skills practical exam with a 70% or higher.

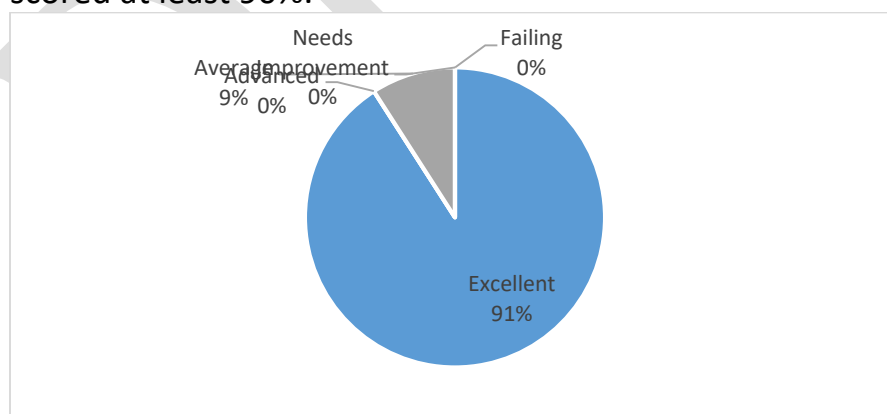
### 6. What were the findings for this academic year? (2018-2019)

A total of eleven students completed CCNA 4, all eleven students passed the exam with at least 70%; ten of which scored at least 90%.

	Fall	Spring	Total
Excellent	2.00	8.00	10.00
Advanced	0.00	0.00	0.00
Average	1.00	0.00	1.00
Needs Improvement	0.00	0.00	0.00
Failing	0.00	0.00	0.00

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

All students passed the skills exam with at least 70%, ninety-one percent scored at least 90%.



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.

DRAFT