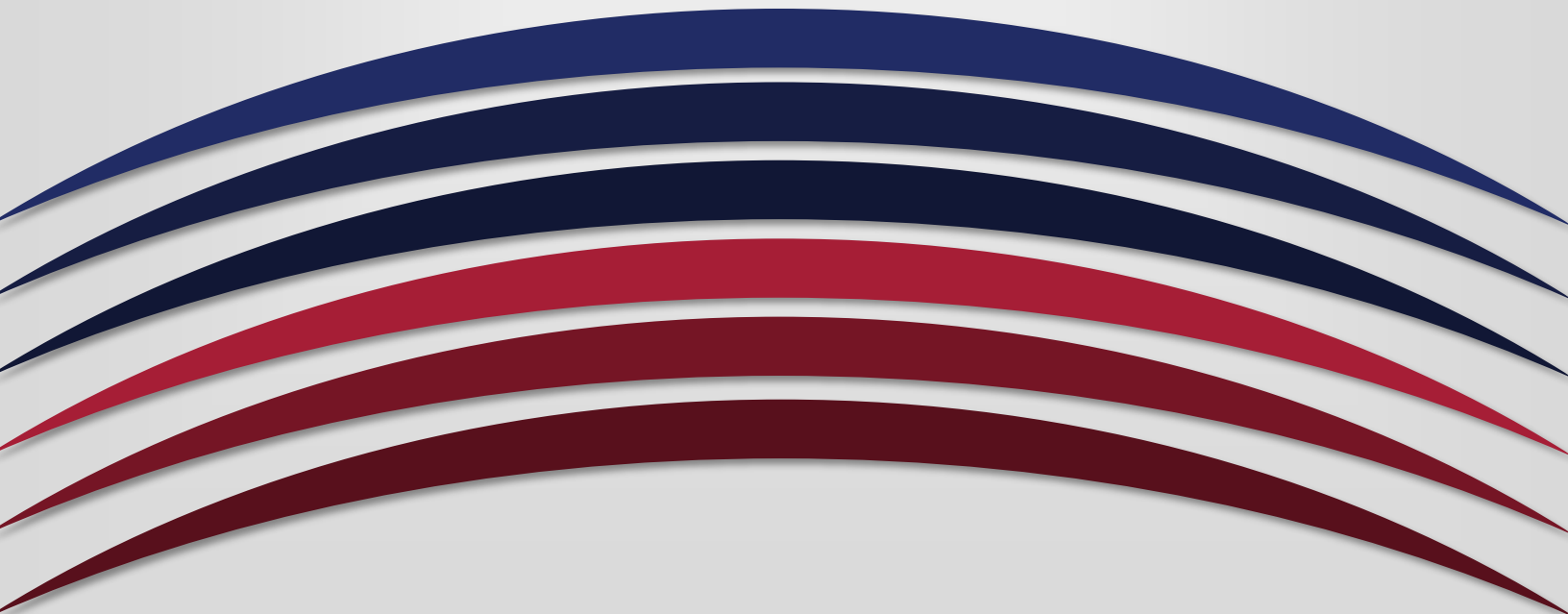# UNIVERSITY OF ARKANSAS
PULASKI TECH

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 3 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 3 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 3 course is 75% of students will complete the skills practical exam with a 70% or higher.
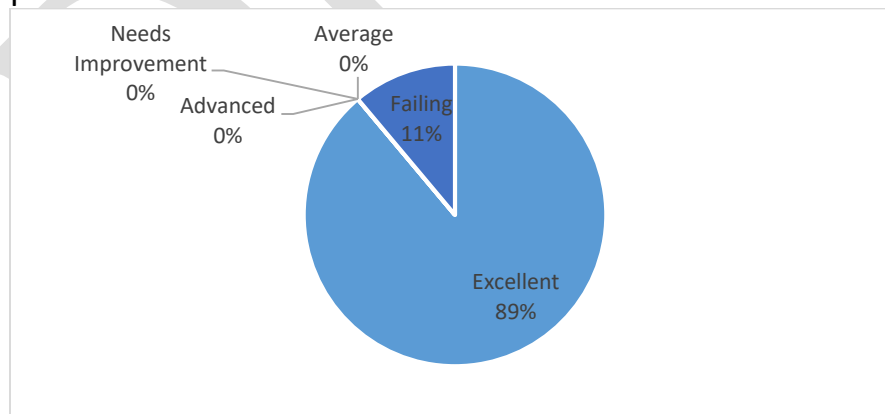
6. What were the findings for this academic year? (2018-2019)

A total of nine students completed CCNA 3, eight students passed the exam with at least 90%. Only one student did not achieve the goal of 70%.

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

7. What is your analysis of the findings?

Eighty-nine percent of the students achieved a scoring at least 90%. Eleven 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.