

Information Systems Technology AAS

Program Outcome Trend

Fall 2020 - Spring 2023

Program Outcome	Information Systems Technology	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Average
PO 1	Assess operating systems using critical thinking skills, industry standard tools, and best practices to demonstrate proper installation, configuration, maintenance, troubleshooting, and customer service.	78%	71%	70%	67%	84%	69%	73%
PO 2	Detect, analyze, identify, and resolve security vulnerabilities, cyber threats and breaches using appropriate software (tools, devices, and processes) to defend network infrastructures.	51%	79%	72%	95%	81%	73%	75%
PO 3	Apply legal and ethical standards defined by federal, state, and local guidelines to provide integrity of data and network systems in information systems environments.	71%	100%	100%	93%	100%	100%	94%
PO 4	Perform entry-level system administrator duties to analyze, diagnose, and repair common problems with network infrastructures including operating systems, Open Systems and Interconnection model, Transmission Control Protocol/Internet Protocol, and network servers.	67%	75%	88%	74%	90%	89%	81%
PO 5	Demonstrate skills and techniques by using various scripting languages and databases to code data driven applications for web development	57%	92%	86%	71%	78%	86%	78%
PO 6	Perform skills needed to secure cloud-based infrastructure services, maintain and optimize cloud environments, manage and maintain servers including virtualization, and troubleshoot security issues related to cloud implementations	80%	85%	100%	100%	100%	100%	94%
PO 7	Demonstrate effective communication by using written and oral communication skills in a business professional manner for the information systems environment.	81%	84%	83%	74%	73%	72%	78%
Program Outcome Average		69%	84%	86%	82%	83%	83%	82%

Assesment Criteria: 70% of the students scored 70% or higher on the assessment tool used for each course student learning outcome.

An average of course SLO assessments is used as the percentage of each Program Outcome.