

Issued for

Awais
r.awais1@outlook.com
Student ID C210943385
Date of birth December 11th, 2002

Issued to

University of The People
r.awais1@outlook.com

Credential details

Issuer

Date

Endorsement

CS402: Computer Communications and Networks

Saylor University

Issued
08/19/2026

American Council on Education
[SAYA-0016](#) (3)¹

Upon the successful completion of this course, students will be able to gain a detailed introduction to the basic hardware and software, architectural components for computer communications in local area networks. The components that are focused upon include understanding the basics of computer networks, switching, routing, protocols and security.

Learning Outcomes:

- describe the architecture of a computer network and explain how each device in a network communicates with each other
- describe the basic network protocols in each layer of a transmission control protocol/Internet protocol (TCP/IP) stack and compare with its counterpart Open Systems Interconnection (OSI) layer
- classify and configure Internet Protocol (IP) addresses, explain their purpose, and use them in complex computer networks
- illustrate the use of subnetting and supernetting and use the technique to divide a large network into smaller logical subnetworks
- describe and compare the different link layer access mechanisms, protocols, and technologies
- list, describe, and compare application layer protocols
- apply network techniques to create wide area networks

Credit Recommendations

Level	Credits	Area/ Subject
Lower-Division Baccalaureate	3	Introduction to Networking

Minimum passing percentage 70%

Recipient Awais Ahmad
UUID df234812-d94d-41e4-9941-1ff50aaea445

ACE TRANSCRIPT LEGEND

The ACE Transcript is an official transcript that contains credentials evaluated by the American Council on Education (ACE). The following policies apply only to ACE-endorsed credentials within the transcript. ACE Learning Evaluations connects workplace learning with colleges and universities by assessing the quality and equivalency of nontraditional experiences. ACE's recommendations are intended to guide institutional decisions about the award of credit for prior learning.

ACE Learning Evaluations reviews are conducted by experienced college and university faculty who assess the content, scope, and rigor of an organization's educational program and make appropriate recommendations for comparable college credit and competencies achieved by learners. For more information on processes and standards for ACE reviews, visit <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/Colleges-Universities.aspx>.

DEFINITIONS

Issued On: The date when the learner completed the associated credential.

Issued For: The learner's legal name as entered by the learner at the time of transcript request.

American Council on Education Endorsement: Credentials that carry an ACE endorsement of recommended college credits or validated competencies published on the ACE National Guide.

ACE ID: ACE-endorsed credentials include a unique identifier that ACE assigns to courses and examinations (e.g., ACE-0001 v1). The letter prefix designates the organization providing the experience. Version number is based on the date that the credential was earned. The ACE ID is hyperlinked to the ACE National Guide exhibit for the credential.

Competencies: These competency statements are from recognized, industry-approved frameworks, and have been validated by the faculty team as outcomes demonstrated

by learners who successfully complete the evaluated learning experience. They represent workplace-relevant skills, knowledge, and abilities expected of professionals in corresponding industries.

Credit Recommendations: Credit recommendations for college credit are designated in semester hour units (SH). Levels at which recommendations are issued include vocational/certificate, lower division (100- to 200-level courses), upper division (300- to 400-level courses), and graduate (500-level courses and above).

Overall Minimum Passing Percentage: The minimum score the credential provider sets for learners to receive the credential. ACE-endorsed credentials are only included on this official transcript if the student achieved a passing grade. ACE-endorsed courses and exams meet minimum grading requirements—students must earn a minimum grade of C for vocational/certificate, lower division, and upper division credit and a minimum grade of B for graduate-level credit. The credential provider might also supply the learner's actual grade under Credential Details.

RESOURCES

Additional information on ACE-endorsed educational programs, such as learning outcomes, assessment methods, etc., can be found in the ACE National Guide at <https://www.acenet.edu/national-guide/>. Military training and occupations that carry college credit recommendations can be found in the ACE Military Guide at <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/military-guide-online.aspx>.

Email: CREDIT@acenet.edu

Help Center: Access resources or submit a request at <https://acenationalguide.zendesk.com/hc/en-us>.

Technical Support: Visit the Accredible Help Center at <https://help.accreditable.com/>.