Cybersecurity
ASSOC OF SCIENCE

Major code: 1006
Department: Business and Computer Information
Chair: Nila K Stephens
Advising: Nila K Stephens 541-881-5896

PROGRAM OVERVIEW
The Cybersecurity Associate of Science degree was specifically designed to transfer to Boise State University from Treasure Valley Community College. This degree will offer students that wish to pursue a computer science type careers some 1st and 2nd year training, specifically aimed toward cybersecurity.
In addition, this degree exposes a student to a variety of computer science type courses, to include some programming, web design and server operation, if desired. This degree fulfills the core/ general education courses requirements at BSU and TVCC.

PROGRAM/DISCIPLINE OUTCOMES
Student who complete this area of study will be prepared to:
- Build simple local area networks (LAN) that integrate IP addressing schemes.
- Perform basic network configuration, identify and demonstrate how to mitigate LAN security threats.
- Configure and Secure a basic WLAN.
- Demonstrate the skills needed to configure and troubleshoot enterprise networks.
- Students will be prepared to take the Palo Alto PCEET Certificate exam.
- Students will be prepared to take the Palo Alto PCNSA Certificate exam.

REQUIRED COURSES (79 CREDITS)
Courses are listed in suggested sequence.

YEAR 1

COURSE #	COURSE TITLE	CREDITS
CIS 100	INTRO TO PC NETWORK & CYBERSECURITY	4
CIS 101	INTRODUCTION TO NETWORK	4
CIS 102	ROUTING & SWITCHING ESSENTIALS	4
COM 111 Z	PUBLIC SPEAKING	4
CS 195	WEB DESIGN	3
ETHN 101	ETHNIC STUDIES	3
HDEV 112	FRESHMAN SEMINAR	1
HUMN 148	INTRO TO HUMANITIES	3
MATH 111 Z	PRECALCULUS I: FUNCTIONS	4
PHIL 101	PHILOSOPHICAL PROBLEMS	3
PSYC 201	GENERAL PSYCHOLOGY	3
WR 121 Z	COMPOSITION I	4
WR 122 Z	COMPOSITION II	4

YEAR 2

COURSE #	COURSE TITLE	CREDITS
-	BIOL 101 General Biology with Lab OR CHEM 104 Survey of Chemistry with Lab	4
-	BIO 102 General Biology with Lab OR CHEM 105 Survey of Chemistry with Lab	4
-	MATH 112Z Precalculus II Trigonometry or STAT 243Z Elementary Statistics I	4
CIS 122	INTRO SQL & DATABASE DEVELOPMENT	4
CIS 123	INTER SQL & DATABASE DEVELOPMENT	4
CIS 283	CYBERSECURITY FOUNDATION & GATEWAY	4
CIS 284	CYBERSECURITY ESSENTIALS	4
CIS 285	CYBERSECURITY INFRASTRUCTURE CONFIG	4
CJ 208	ETHICS IN CRIMINAL JUSTICE	3

Total number of credits.. 91

ELECTIVES (12 CREDITS)
Electives