

Wayland Mission Statement

Wayland Baptist University exists to educate students in an academically challenging, learning-focused, and distinctively Christian environment for professional success, and service to God and humankind.

Contact Information

Course: MISM 4343 VC01 – Cybersecurity Threat Assurance

Campus: WBUonline

Term/Session: Fall 2026 – 2nd 8 Weeks

Instructor: Dr. Ronald (Ron) Norman – Syllabus LAST UPDATED: **June 7, 2026**

Office Phone Number/Cell #: Mobile 619-997-3451 in Pacific Time Zone

WBU Email Address: normanr@wbu.edu

Office Hours, Building, and Location: None, by Appointment Only

Class Meeting Time and Location: Anytime of day, Asynchronous Online

Catalog Description:

Addresses various underlying principles and techniques for detecting and responding to current and emerging computer security threats including infrastructure security, wireless and IOT security, and incident response.

Prerequisite:

MISM 4339

Textbook Information

Required Textbook(s) and/or Required Materials:

BOOK	AUTHOR	VER	YEAR	PUBLISHER	ISBN#
<u>Cybersecurity Analyst+ (CySA+)</u>	CompTIA	2	2024	CompTIA	9781-93508-0732

Chapters 6 - 10

*This course is part of the **Pioneer Academic Access Program**. You will have access to an eBook, access code, and interactive learning material on the first day of class through your Blackboard course site. You will be notified via email with access instructions and additional information. If the course requires a physical book you can order at bookstore.wbu.edu. You can choose to opt-out, however if you do you will lose access to **EVERY class/material** and have to source through third party vendors.*

Optional Materials: NOTE: MISM 4339 course is Cybersecurity Defense Analysis which covers the CompTIA Cybersecurity Analyst+ (CySA+) courses Chapters 1 through 5; Therefore, the CompTIA Certification Exam that is part of MISM 4343 covers all chapters including 1 through 5 and 6 through 10 so if you have NOT successfully completed MISM 4339 you should probably not attempt the Certification Exam at the conclusion of this MISM 4343 course – AND be sure TO NOTIFY YOUR INSTRUCTOR way in advance as that exam is part of the GRADING for MISM 4343 and your instructor will figure out an alternative for you.

Course Outcome Competencies:

- Describe Malware, Trojans, Backdoors, combating, sniffing, hijacking and Denial of Service
- Intrusion Detection Systems, firewalls, Honeypots, DNS Sinkholes, Web Servers, network access, and Web applications
- Wireless Security, Mobile Device Security, Cloud Security, and IOT Security
- Hardware analysis, Security Information, log review, and event management (SIEM)
- Asset management, Supply chain management, change management, and virtualization management
- Software Development, automation, data analysis and protection
- Hashing, Digital Forensics, and email analysis
- Incident response, preparation, detection and containment, eradication and recovery, and indicators of compromise

Attendance Requirements

<<Select appropriate campus and delete the rest. Add your class attendance policy below the appropriate campus policy. >>

External Campuses

Students enrolled at one of the university's external campuses should make every effort to attend all class meetings. All absences must be explained to the instructor, who will then determine whether the omitted work may be made up. When a student reaches that number of absences considered by the instructor to be excessive, the instructor will so advise the student and file an unsatisfactory progress report with the external campus executive director/dean. Any student who misses 25 percent or more of the regularly scheduled class meetings may receive a grade of F in the course. Additional attendance policies for each course, as defined by the instructor in the course syllabus, are considered a part of the university's attendance policy. A student may petition the Academic Council for exceptions to the above stated policies by filing a written request for an appeal to the Vice President of Academic Affairs.

Plainview Campus

The university expects students to make class attendance a priority. Faculty members provide students a copy of attendance requirements. These are provided on the first day of class. Students in programs for which an outside agency (such as the Veteran's Administration) has stricter attendance requirements will be subject to those requirements. In addition, the university registrar will provide each student affected a list of these regulations. The dean of the school must approve part-time and adjunct faculty class attendance requirements prior to syllabi distribution.

WBUonline

Students are expected to participate in all required instructional activities in their courses. Online courses are no different in this regard; however, participation must be defined in a different manner. Student “attendance” in an online course is defined as active participation in the course as described in the course syllabus. Instructors in online courses are responsible for providing students with clear instructions for how they are required to participate in the course. Additionally, instructors are responsible for incorporating specific instructional activities within their course and will, at a minimum, have weekly mechanisms for documenting student participation. These mechanisms may include, but are not limited to, participating in a weekly discussion board, submitting/completing assignments in Blackboard, or communicating with the instructor. Students aware of necessary absences must inform the professor with as much advance notice as possible in order to make appropriate arrangements. Any student absent 25 percent or more of the online course, i.e., non-participatory during 2 or more weeks of an 8-week session, may receive an F for that course. Instructors may also file a Report of Unsatisfactory Progress for students with excessive non-participation. Any student who has not actively participated in an online class prior to the census date for any given session is considered a “no-show” and will be administratively withdrawn from the class without record. To be counted as actively participating, it is not sufficient to log in and view the course. The student must be submitting work as described in the course syllabus. Additional attendance and participation policies for each course, as defined by the instructor in the course syllabus, are considered a part of the university’s attendance policy.

University Policies

Academic Integrity:

[Link to Statement on Academic Integrity](#)

Artificial Intelligence: Generative AI tools usage encouraged and may be actively assigned in coursework.

- i. Use of generative AI tools is actively encouraged and incorporated in to specific assignments for this course.
- ii. Use of generative AI tools for assignments in brainstorming, content understanding, or revision to work is perfectly acceptable if cited and referenced properly in any submitted work for the course.
- iii. Use of generative AI is encouraged as long as students understand the use of generative AI in the course is to be an assistance tool and not the generator of assignments and submitted work. Ultimately, all submitted work must still reflect student’s own work, understanding, and analysis.
- iv. Specific parameters for generative AI usage provided by the instructor.
- v. Any use of generative AI tools outside of the approved instructor parameters will be considered a form of plagiarism and academic dishonesty.

Disability Statement: In compliance with the Americans with Disabilities Act of 1990 (ADA), it is the policy of Wayland Baptist University that no otherwise qualified person with a disability be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity in the university. The Disability Services Coordinator and Academic Coach serves as the coordinator of students with disabilities and must be contacted concerning accommodation requests. Office: (806) 291-1057. Documentation of a disability must accompany any request for accommodations.

Course Requirements and Grading Criteria

<<Fill in specific requirements of the course including the criteria utilized to assess student performance and the weight of each. A variety of means to evaluate student performance should be used and grading criteria should conform to the grading system in the catalog.>>

Student Grade Appeals: Students shall have protection through orderly procedures against prejudices or capricious academic evaluation. A student who believes that he or she has not been held to realistic academic standards, just evaluation procedures, or appropriate grading, may appeal the final grade given in the course by using the student grade appeal process described in the Academic Catalog. Appeals may not be made for advanced placement examinations or course bypass examinations. Appeals are limited to the final course grade, which may be upheld, raised, or lowered at any stage of the appeal process. Any recommendation to lower a course grade must be submitted through the Vice President of Academic Affairs to the Faculty Assembly Grade Appeals Committee for review and approval. The Faculty Assembly Grade Appeals Committee may instruct that the course grade be upheld, raised, or lowered to a more proper evaluation.

Tentative Schedule

Chapters 6 through 10 in the CompTIA course will be covered over the 8 weeks for this course...see the exact plan within our Blackboard Course!

Additional Information
