



Syllabus  
(Fall 2023)  
CIT 372: Telecommunications II  
Faculty: Ismail Abumuhfouz

***Course Description***

Introduction to the TCP/IP protocol, its use in an organizational environment, and the different sub-protocols that underlie popular business applications.

*Credit Hours: 3*

*Prerequisite: CIT 370*

***Objectives and Learning Outcomes*** The course main objective is to:

- Learn basic network protocol concepts.
- Gain knowledge about protocols and applications that apply TCP/IP protocols.
- Learn packet capture activities and functions of specific TCP/IP protocols.

Upon completion of this course, students will be able to:

- Discuss networking models and standards.
- Create IP addresses by using network and subnet masks.
- Use a network protocol analyzer to examine the structure and contents of data packets.
- Describe the major TCP/IP protocols and explain how these models are used in data communications.

***Welcome!***

Welcome to CIT 372 – Systems Telecommunications II. My name is Ismail Abumuhfouz and I am anticipating a rewarding, fun experience for all of us with the primary focus being that you have an opportunity to learn about system architecture.

***Class Location/Times***

- **This class is delivered in online format.**

### ***Class Expectations***

- Students are expected to read the scheduled week topics/materials from Monday to Friday.
- Students are expected to answer their weekly assignments on time.
- Students are expected to have access to reliable Internet connections. The class is available at the following websites:
  - <https://blackboard.wku.edu>
  - <https://w3.testout.com/>

### ***Required Material(s)-***

***Please DO NOT WAIT to Obtain These Materials!***

### ***Software: (Required)***

- Test Out: NETWORK PRO by TestOut.
  - Publisher: Test Out
  - Language: English
  - ISBN: 9781935080435

Online Access Only.

- You can purchase this through the Bookstore or TestOut website. Once you purchase it, then join the class by searching for the instructor's name:

**Ismail Abumuhfouz**

Then, make sure that you choose the following course:

**CIT 372 Systems Telecommunications II Fall 2023** In case you need help with that, watch the following [video](#).

### ***Instructor Information***

- Name: Ismail Abumuhfouz
- Email: [ismail.abumuhfouz@wku.edu](mailto:ismail.abumuhfouz@wku.edu)
- Office Phone: 270-745-3653
- My office hours are online. Send me an email to setup a time to talk.

### ***Electronic Communication***

The best way to communicate in this class is through email:

- **All communications should be done through your WKU email. No personal email, please.**
- For a prompt response, type the **CIT 372** in the subject line of the email. E-mail labeled in this manner receives higher priority.

- I check my email several times a day during the weekdays, Give me at most 48 hours to respond to your email.
- Note that if you try to contact me late on Friday, you will likely not get a response until late Sunday or Monday.

Class announcements other than those published on the class schedule are done through email, please check your email regularly! YOU are responsible for all emails sent to your university account. Check your email often!

### ***Assignments & Point Values***

Your grade for this course will be determined according to the following scheme:

<b>Activities</b>	<b>Points Possible</b>
Labs Assignments	30%
Quiz Assignments	25%
Discussion	5%
Midterm	20%
Final Exam	20%

The grading scale that will be used is:

- A = 90 – 100%
- B = 80 – 89%
- C = 70 – 79%
- D = 60 – 69%
- F = 0 – 59%

Please see the Course Master Schedule in the Start Here section of Blackboard for more details.

Please be sure to review your grades right away; **corrections will not be made more than seven days after the initial grade is posted.**

### ***Academic Dates***

To determine important academic dates such as the last day to drop with a W, or the final exam schedule, please see [http://www.wku.edu/registrar/academic\\_calendars/](http://www.wku.edu/registrar/academic_calendars/)

- Any student found cheating or copying from another student's work, or found to have plagiarized from other material (or using any materials for an assignment not

completed by that student) will receive a grade of 0 for the assignment in question, and may face further disciplinary action according to university policy.

### ***Final Exam***

All CIT exams must be proctored. While you may be able to use the proctor of your choice at the location of your choice, you must register with the WKU testing center in order to have your proctor approved (see <http://www.wku.edu/testing/> for more details). Note that you must preregister with the testing center before taking the exam, which is usually no less than 10-days prior. I highly recommend that you register early. Final exams must be taken during final exam week. You may choose Monday through Wednesday during finals week to take the exam.

### ***Assignment Submission***

- All work submitted by students must follow the assignment guidelines or points will be deducted.
- Quiz, labs and exam assignments must be submitted online via Blackboard and TestOut.
- Any student found cheating or copying from another student's work, or found to have plagiarized from other material (or using any materials for an assignment not completed by that student) will receive a grade of 0 for the assignment in question, and may face further disciplinary action according to university policy

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### ***Activities***

There are five major activities in this course. A brief explanation of each activity is as follows:

- Lab Assignments – You will complete weekly assigned readings and Labs.
- Complete Quizzes over Chapters read.
- Participate in the class discussion.
- A midterm exam during the semester.
- Final Exam – The proctored final exams will be comprehensive and administered as scheduled by the university.

### ***Final Exams***

All CIT exams must be **proctored**. The final exam will be in the classroom during the final exam week.

As the final exam is an assessment and not a learning activity, correct answers are not provided. However, if you wish to review your exam, it will be made available to you.

However, as with other on-campus final exams, you must know that student review can only be accomplished on-campus (Bowling Green), in a proctored environment, during a full term (fall and spring) following that of the exam's administration. This step is necessary to protect the integrity of the exam.

Also, since the final exam is an assessment, your score will likely be lower than you have previously experienced with the learning activities. Therefore, after completing the exam, your overall average will likely go down, not up. This means you need to be sure and complete all of the learning activities as assigned in order to have a very high average before taking the final.

### ***Instructor Feedback***

In general, I will post weekly grades no later than the Wednesday following the end of the class week. I tend to comment little if you are doing well (>80%) and comment more if you are not (< 80%). However, at any time if you have questions about any comments and/or grades, please contact me within three or four days at most while the issues are still fresh in both our minds. This will help to iron any issues out as soon as possible. In the event a Blackboard grading rubric is used, that is your feedback. Again, if you have additional questions, contact me as soon as possible.

Also, if I mistakenly note you as missing any assignments and you did submit them, please immediately let me know the time and date you posted. I will be very, very happy to download the post and correct my records. I will not make changes to grades after one week of posting.

### ***Non-Graded Assignments***

Some activities that you will complete during the course are ungraded or carry no point value (like reading assignments). However, it is very important that you complete these activities. Non-completion of these activities may negatively impact your graded work.

### ***Incompletes***

All incomplete requests must follow school guidelines. See the University catalog.

### ***Extra Credit***

There is no extra credit or make-up work as the class assignments reflect what is required for successful completion of this course.

### ***Academic Standards***

I expect all students to support the same respect for individuals, commitment to issue and problem resolution, and open communication and feedback as in any learning environment.

Specifically, all students are expected to:

- Accept responsibility and accountability for all use actions and content posted to any online classroom, public meeting, or personal inbox (email).
- Maintain the same ethical standards expected in a collaborative, academic environment.
- Demonstrate respect for all faculty, students, and staff regardless of age, race, gender, religion, national origin, veteran's status, disability, or sexual orientation.

### ***Honesty***

I highly value academic honesty. A student must always submit work that represents his or her original words or ideas. If any words or ideas are used that do not represent the student's original words or ideas, then the student must cite all relevant sources. The student should also make it clear the extent to which such sources are used. Words or ideas that require citation include, but are not limited to, all hardcopy or electronic publications, whether copyrighted or not and all verbal or visual communication when the content of such communication clearly originates from an identifiable source.

All submissions to any public meeting or private mailbox fall within the scope of words and ideas that require citations if used by someone other than the original author.

Academic dishonesty in an Online learning environment could involve the following:

- Having a tutor or friend complete a portion of your assignments
- Having a reviewer make extensive revisions to an assignment
- Copying work submitted by another student to a public class meeting
- Using information from on-line information services without proper citation

Any of these practices could result in charges of academic dishonesty. Sanctions range from failing assignments or class grades to expulsion.

I consider academic honesty a very serious issue. I will fail students that I discover are not adhering to the above guidelines.

### ***Class Navigation***

Go to <https://wku.blackboard.com/> and follow the login instructions (usually available by the first day of class). This site will be the primary means for quizzes, grades, announcements, exam and homework scores, reading materials, discussions, and other supplemental course information that you will need. Please be sure and check this site regularly.

### ***Computer Access***

This class requires each student to make use of several software packages, various other software tools and the Internet. All required resources are available either in the general Student Computer Labs across campus, on WKU Extended campuses, and typically, at public libraries. Lack of hardware, software and Internet connectivity at home to complete any assignment is not an acceptable reason for not completing work. You may work from any location you prefer (home, work, etc...), but you will need access to MS Office software.

### ***Technology Issues***

School servers are unavailable from time-to-time. Accordingly, I will accept e-mailed assignments to my personal mailbox for time-stamping purposes only. However, once Blackboard is available to you, in order to receive a grade, the assignment must be posted to the appropriate submission area.

Also, from time to time the Blackboard system will lock-up during a quiz or exam. If this happens, please contact me as soon as possible. I can only reset the exam, which means you will have to take it over (this includes final exams). If you wait until the last minute to take an exam, you may not be able to reset due to time limitations.

For comments/complaints about technology issues (for example, Blackboard exam problems), please contact the Office of the Chief Information Technology Officer (270745-2243).

### ***Late Assignments***

Due to the nature of this course and based upon my teaching experience, it is critical that you are timely in submitting the assignments. Since all assignments are made available before they are due, **no late work will be accepted for any reason**. Again, no late work will be accepted for any reason. Please do not wait until the last minute to do your assignments; no late work will be accepted for any reason.

### ***Cancellations***

If you are dropped for any reason (lack of payment, etc.), your access to Blackboard may be terminated. In this event, you will **NOT** be permitted to make up on-line course assignments/activities during the time you lost access to Blackboard.

### ***Grievance Process***

If you are unhappy with any aspect of the course, please contact me via email with a detailed explanation of the problem. I will do my best to help resolve the issue. If you are

still unsatisfied, please contact the program coordinator, Dr. Mark Revels, at [mark.revels@wku.edu](mailto:mark.revels@wku.edu).

### ***Schedule Exceptions***

I will not approve any schedule exceptions.

### ***Title IX Misconduct/Assault Statement***

Western Kentucky University (WKU) is committed to supporting faculty, staff, and students by upholding WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at <https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf> and Discrimination and Harassment Policy (#0.2040) at [https://wku.edu/policies/hr\\_policies/2040\\_discrimination\\_harassment\\_policy.pdf](https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf).

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.

Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are “Responsible Employees” of the University and **MUST** report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at 270-745-3159.

### ***ADA Accommodation Statement***

In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center located in Downing Student Union, 1074. SARC can be reached by phone number at 270-7455004 [270-745-3030 TTY] or via email at [sarc.connect@wku.edu](mailto:sarc.connect@wku.edu) . Please do not request accommodations directly from the professor or instructor without a faculty notification letter (FNL) from The Student Accessibility Resource Center.

### ***ChatGPT & Generative AI Statement***

See [Syllabus Information | Western Kentucky University \(wku.edu\)](#)

*\*Instructor reserves the right to change syllabus as needed during the course\**