Computer Science 3357A: Computer Networks I

Assignment Project Exam Help
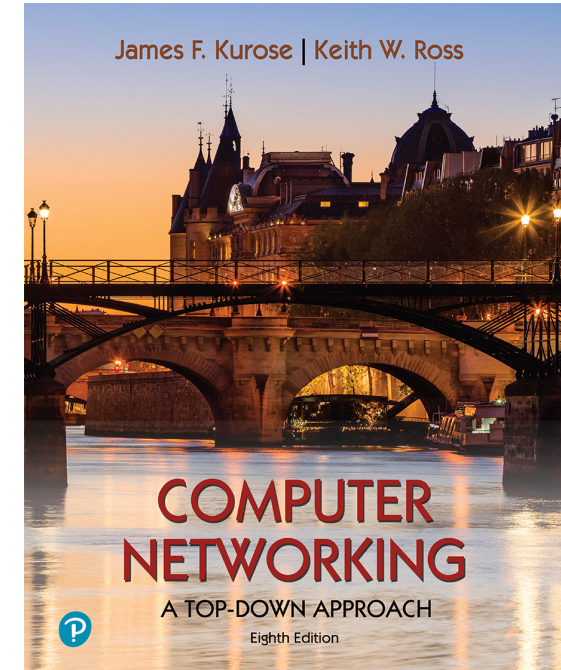
https://powcoder.com

Add WeChat powcoder

Instructor

- Michael Katchabaw, Associate Professor
  Department of Computer Science, Western University

Assignment Project Exam Help

- Contact information: https://powcoder.com
  - Consulting: 9:30-10:30am Tuesdays and Thursdays via Zoom
  - E-mail: katchab@csd.uwo.ca Add WeChat powcoder
  - Phone: Western extension 84059

Texts and References

- Required text:
  - Computer Networking: A Top Down Approach, 8th Edition by Kurose and Ross, published by Pearson Education, 2021
- As this is a new edition of this book, printed editions are not yet available from the University Bookstore
  - You can still obtain the 7th Edition in print from the University Bookstore, however, and that is still similar to the 8th Edition
- To obtain a digital version of the 8th Edition of the text, please visit VitalSource (link is in the online syllabus)

Course Topics

- *Networking fundamentals*. A history of computer networking and the Internet; the structure of the Internet; connectionless and connection-oriented services; circuit switching and packet switching fundamentals; protocols; layered protocol architectures and service models.

- *A tour of protocol layers*. The application layer and sample application services; transport layer services, including discussions of the principles of reliable data transfer and congestion control; network layer services, including routing and multicasting; data link layer services, including error detection and correction techniques and a variety of protocols; physical layer services and signalling.

- *Network programming*. Socket programming; TCP and UDP programming interfaces; asynchronous communications; advanced socket options and programming techniques.

- *Advanced topics*. Multimedia networking; network security; wireless and mobile computing; network management.

How to Keep Informed

- Course website: http://owl.uwo.ca
  - Lecture notes
  - Assignment information
  - Class updates and other important information

- Your Western e-mail account (@uwo.ca)
  - Important notices
  - Emergency course messages
  - Forward your e-mail if you don't check it regularly!
  - Configure your spam filters!

Assignment Project Exam Help

https://powcoder.com

Add WeChat powcoder

Student Evaluation

- **Assignments**
  - Four individual assignments, worth 5%, 15%, 20%, and 25%

Assignment Project Exam Help

https://powcoder.com

- **Final exam**
  - Worth 35%

Add WeChat powcoder

Student Evaluation

- To receive a passing grade or higher:
  - Final ≥ 40%
  - Assignments ≥ 40%

  Assignment Project Exam Help

  https://powcoder.com

- To receive a C or higher:
  - Final ≥ 50%

    Add WeChat powcoder

  - Assignments ≥ 50%

Ethical Conduct

▪ You should read the definition and penalties of scholastic offenses at:

https://www.csd.uwo.ca/undergraduate/current/policies/scholastic_offenses.html

▪ Students are expected to adhere to the Rules of Ethical Conduct to use the computing facilities of the Department:

https://www.csd.uwo.ca/undergraduate/current/policies/ethical_conduct.html