

**EXEMPTION TEST INFORMATION FORM
CIST 1401 – NETWORKING FUNDAMENTALS**

A currently enrolled or accepted program student may receive course credit by passing the CIS 1401 exemption examination administered by the Gwinnett Technical College Assessment Center. The policy regarding Experiential Credit and Credit by Examination is in the College catalog. **The examination must be completed prior to registration for the class for which the student is seeking credit by examination. Students may not request exemption tests for courses in which they have been enrolled nor may they take an exemption test more than once.**

The CIS 1401 exemption examination will cover these competencies:

1. Identify essential network components.
2. Understand and compare peer-to-peer and server based networks.
3. Design a network layout including hubs, switches, nodes and the appropriate topology.
4. Define and understand technical terms related to the physical layer and its media.
5. Install and configure networked PC node, both hardware and software.
6. Understand and explain the OSI reference model and the IEEE 802 standards
7. Explain the function of protocols in a network
8. Understand the different major network architectures as well as the standards which govern them.
9. Be able to install, configure, manage and troubleshoot a network operating system.
10. Explain the use of repeaters, bridges, routers, gateways and switches in the implementation of complex networks
11. Describe the concepts associated with wide area networks including ISDN, FDDI, SONET, ATM and frame relay.
12. Setup network for access to resources on the internet

A student needs to score an 80% or higher on the CIS1140 exemption examination to receive exemption credit.

A student may want to review the following textbook before taking the exemption exam:

Jill West, Tamara Dean, Jean Andrews, Network+ Guide To Networks, 8th Edition, ISBN: 978-1-337-56933-0

By signing this form I am stating I have read and understood the policy regarding the CIS 1140 exemption examination.

____ I am not enrolled in CIS 1401 nor have I taken the CIS 1401 exemption exam.

Student Signature _____ Date: _____

Revised: 3/5/20

Exemption exams are offered Monday – Friday by appointment only. Please call the ANF Assessment Center at 470-282-5441 to schedule an appointment.