

**Heart of Georgia Technical College**  
Business and Information Technology

**CIS 2322**                    **Introduction to WANs and Routing**  
Instructor:                    Homer Moxley  
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Office Hours:                M-Th (3:00pm – 4:00pm) AND BY APPOINTMENT

**Course Description**

This course provides instruction on performing basic router configuration and troubleshooting.

**Competency Areas**

Review and Lab Setup  
WANs and Routers  
Router Command Line Interface  
Router Components  
Router Startup and Setup  
Router Configuration  
IOS Images  
TCP/IP  
Routing  
Network Troubleshooting

**Hours**

Class	4
D. Lab	4
P. Lab/O.B.I.	0
Credit	6

**Textbook**

Cisco Networking Academy Program: CCNA 1 and 2 Companion Guide, Revised Third Edition, Cisco Press, ISBN: 1587131501

**Prerequisite**

CIS 2321

**Attendance Policy:**

The HGTC attendance policy states a student may miss no more than 10% of the scheduled classes. If unable to attend class it is the students' responsibility to contact the instructor at the given email and/or phone numbers. All missed assignments, labs and/or tests must be made up by the following class day. Please refer to your HGTC Student handbook for more information. On-line students must access the web site at least once every week or they will be considered exceeding the policy.

**Student Evaluation:** Grades will be assessed based on result from chapter exams, hands on lab exams and written final, a research paper and final lab. Grades will be awarded as follows:

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

Grade determination:

Chapter exams 55%

Hands on labs 15%

Written final 15% (**Note:** This is a comprehensive final exam.)

Final lab 15%

(**Note:** Successfully completing the hands-on final lab is a requirement to pass the class.)

**Instructional Techniques:** Teacher-directed discussion student interaction will be used in reaching the course objectives in addition to group discussion. Supplemental instruction will be provided as needed on an individualized basis.

**Disruptive Behavior:** No audible electronic devices (i.e., pagers, cellular phones, radios, etc.) are permitted in the classroom. Only devices, which can be placed in a non-audible mode, are allowed. The use of these devices in the classroom will result in the removal of the student from the classroom. Absolutely no Food or Drink is allowed in the Classroom.

**Personal Appearance:** Shirts, caps, or any article of clothing that implies obscenities or can be construed as offensive or discriminatory is prohibited as this could symbolize disruptive behavior.

**Instructor Policies:** This instructor reserves the right to use unannounced exam (pop quizzes) at the appropriate time as determined by the instructor. Missed exams will need to be made up before the next class meeting. Makeup exams are subject to changes necessary to reflect the condition of the makeup.

**Computer Lab Policies:** HGTC computer labs are to be used for instructional use only. Chatting, and perusal of inappropriate sites will result in disciplinary action.

**Safety:** All students will be required to review and sign the Business and Information Technology Department Safety Rules at the beginning of the quarter.

**Special Services:** Students with special needs, whether the needs are learning, physical, or other, are strongly encouraged to talk with the Special Needs Facilitator in the General Studies Department. To ensure that students have every opportunity to succeed in their studies, other services such as tutoring and study skills are available. Students interested in these services should contact the Special Needs Facilitator, Mrs. Lydia Barfoot, at (478) 274-7652 or [lbarfoot@heartofgatech.edu](mailto:lbarfoot@heartofgatech.edu).

**Testing:** Students may be required to complete computerized tests instead of written tests in their classes. If this is the case, no other form of testing will be administered unless the student has provided appropriate documentation to the HGTC Special Needs Facilitator to have accommodations approved in accordance with the Americans with Disabilities Act.

**Work Ethics:** Students will be graded on a 0,1,2,3 basis for work ethics. Two is normal. They will be taught a different area each week. You will receive a mid-term grade and a final grade. The final grade will be recorded with your academic grade on permanent record.