

# CGS1000: Introduction to Computer Technology



## Exemption Exam Study Guide

Call (850) 201-8495  
[mellinok@tcc.fl.edu](mailto:mellinok@tcc.fl.edu) to make an  
appointment to take the exam.

### Student Information:

#### Procedure:

**Step 1:** Decide whether or not you want to receive credit.

#### **If you want to receive credit (with a passing score)**

Pay a \$15 Exemption Test Fee at the Cashier's office (in the Student Union). The Cashier's office will give you an exemption exam receipt.

**Step 2:** *Before* scheduling the exam, hand-deliver (CT238) or fax (850-201-8295) your receipt to Ms. Mellino.

If you are faxing the receipt, include your phone number on the coversheet. Ms. Mellino will complete the registration form for you. She will call you when she has your test results.

The credit is awarded as three (3) elective credit hours with a grade of "S" (Satisfactory) toward a degree or certificate. Receiving a grade of S will in no way impact your student GPA.

#### **If you do not want to receive credit (with a passing score)**

You do not pay for the exam if you are taking it to satisfy prerequisite requirements for computer technology courses. You will need to fill out a registration form with your contact information with Ms. Mellino in CT 238.

**Step 3:** Study.

There are some terms attached to this sheet to get you started.

#### **Exam Information:**

The exam is multiple choice, 100 questions.

The exam may only be taken two times.

Students have two (2) hours to complete the exam.

The exam is administered in the Computer Technology building (CT). Check in with the department office on the second floor.

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<p><b>Internet &amp; Networking</b></p> <p>IP address          Internet backbone          ISP          FTP          Packets          router          server          streaming          TCP/IP          URL          Web browser          World Wide Web          Internet2          Hyperlink          cabling          devices          adapters          switch          router          hub          modem          servers          MAC address</p>	<p><b>Database &amp; System Software</b></p> <p>Redundancy          hierarchical database          object-oriented database          data integrity          field          record          table          row          relational database          data mining          data warehouse          file extension          file type          file path</p>
<p><b>Computer Components &amp; Devices</b></p> <p>CPU          CMOS          motherboard          parallel port          peripheral          expansion cards          RAM          ROM          Android          smartphone          serial port          USB          Hardware          peripheral devices          input devices          output devices          legacy technology</p>	<p><b>Application Software</b></p> <p>Application          Web-based          Multimedia          Spreadsheets          proprietary software          Instant Messaging          Freeware          menu-driven          security software          GUI          Development          Artificial intelligence.          Programming languages          Microsoft Vision          Microsoft Publisher          Microsoft Access          Microsoft Project</p>

<p><b>Networks and Telecommunications</b></p> <p>802.11  bandwidth  circuit  client/server  coaxial cable  dedicated line  Ethernet  fiber-optic cable  GPS  LAN  modem  site license  topology  T-carrier line  token ring  twisted pair cable  WAN</p>	<p><b>Databases</b></p> <p>column  data dictionary  data type  data warehouse  database administrator  database analyst  DBMS  field  file maintenance  foreign key  form  integrity  primary key  query  record  relational  SQL  table  verification</p>
<p><b>Computer Security</b></p> <p>audit trail  back door  biometric  cookie  denial of service attack  digital certificate  encryption  firewall  license agreement  phishing  spam  spoof  spyware  Trojan horse  trusted source  virus  worm  zombie</p>	<p><b>Computer Programming</b></p> <p>Boolean  C++  COBOL  debugging  flowchart  Java  machine language  object oriented  procedural  pseudocode  SDLC  source program  syntax  systems analyst  Visual Basic  XML</p>