Georgia Gwinnett College  
School of Science and Technology  
ITEC2120: Introduction to Programming

**Course Information:**
Class Time:  T & TH  
12:00 to 1:50 p.m.
Class Location: Building A 1770
Lab Time:  TBD and Built-in to class time
Lab Location: In class and Hybrid time outside class

**Instructor Information:**
Instructor Name: Dr. Kristine Nagel
Office Location: Building B 3200
Office phone:  (678) 407-5872
Cell phone:  (404) 314-7971
E-mail:  knagel@ggc.edu

**Course prerequisites:**  ITEC1001: Introduction to Computing or Pass on the ITEC1001 Proficiency Exam, no prior programming experience required

**Course Outcome Goals:**
1. Understand the evolution of computer languages (from machine code to object-oriented)
2. Understand the concept of the coding process and code manipulation
3. Analyze real world problems and design algorithmic and programming solutions
4. Understand the general ideas of classes and objects as elements of a programming environment
5. Know general ideas about conditional expressions, functions, and control structures
6. Prepare, execute and debug program code within an interactive programming environment
7. Demonstrate a consistent and readable programming style

**Integrated Educational Experience Goals:**
The IEE goals are a set of learning outcomes achieved in all GGC graduates. These outcomes are achieved as a result of learning experiences across the academic and student affairs programs. This course directly contributes to the goals **bolded** below.

- Clearly communicate ideas in written and oral form.
- Demonstrate creativity and critical thinking in inter- and multidisciplinary contexts.
- Demonstrate effective use of information technology.
- Demonstrate an ability to collaborate in diverse and global contexts.
- Demonstrate an understanding of human and institutional decision making from multiple perspectives.
- Demonstrate an understanding of moral and ethical principles.
- Demonstrate and apply leadership principles.
• Demonstrate quantitative reasoning.

**Required Text and Supplies:**

[Introduction to Computing and Programming with Java: A Multimedia Approach](Paperback)

Authors: Mark J. Guzdial & Barbara Ericson  
Publisher: Prentice Hall (April 17, 2006)  
ISBN-10: 0131496980 / 978-0131496989

Recommend a flashdrive to backup your programming and allow you to work anywhere!

**Grading Policy:**

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

Desire2Learn always contains your current grades in the class. It is your responsibility to check your grades frequently and monitor your progress in the course. If your grade ever drops below 70%, please schedule a time to meet with me. I will talk about what you are doing to prepare for class and discuss strategies for improving your performance. Since this class is cumulative, it is imperative that you schedule a meeting as soon as you start to fall behind.

**Graded Events:**

The rationale behind the grading scheme is that this is a course in which nearly all activities in this course are cumulative, somewhat like math classes. A high grade on a later activity indicates mastery over some or all of the former activities. For this reason, each weight in a sequence is about 1.5 times as much as the previous weight (excluding quizzes).

Your grade in this course is a combination of your mastery of the concepts and your steady work. For example, if at the end of the course you have mastered all of the concepts and demonstrate this on the final exam, it will be reflected in your course grade regardless of how you performed previously on the tests. The assignment, final project and quiz portion of your grade demonstrates how steadily you work throughout the semester. For this reason, it is not
possible to receive a passing grade by simply working hard at the end of the semester after slacking off at the beginning of the semester.

Assignments and Projects 40% (Approximately 10-12 assignments and 2-3 projects)

Quizzes 10% (1 or 2 weekly for approximately 10-12 quizzes)

Tests 29% (Test 1: 6% Test 2: 9% Test 3: 14%)

Final Exam 21%

100%

Academic Enhancement Center
The Academic Enhancement Center provides free drop-in tutoring for GGC students. Tutoring is available in many subjects including reading college texts, writing assignments, grammar focus, research and citation, college algebra, calculus, chemistry, and physics, and IT. The Academic Enhancement Center is located on the 2nd floor of the library. The hours of operation of the AEC can be found at http://www.ggc.edu/academics/student-success-programs/academic-enhancement-center.

The Speaking Center provides help with presentations and public speaking. It is located in B-2400.

College Policies:

Attendance Policy

The classroom experience is a vital component of the college learning experience. Interaction with instructors and with other students is a necessary component of the learning process. Students are expected to attend regularly and promptly all class meetings and academic appointments. Students who are absent from classes bear the responsibility of notifying their instructors and keeping up with class assignments in conjunction with instructor provisions in the course syllabus. An individual instructor bears the decision as to whether a student’s absence is excused or unexcused and whether work will be permitted to be made up; the decision of the instructor in this case is final. Students who are absent because of participation in college-approved activities (such as field trips and extracurricular events) will be permitted to make up the work missed during their college-approved absences.

Health and Safety Policy

Certain laboratories include use of strong acids, solvents and preservatives. Any pregnant women, hypersensitive individuals, or immunocompromised people should report their condition to the instructor and to their physician, preferably before contact with the materials (see lab exercises). Additional instructions for lab will be presented during the first lab. Students are required to follow all instructions. Students failing to conform to lab rules and safety precautions
will be first warned by removal from the lab. On second offense students will be removed from both lecture and lab.

**Americans with Disabilities Act Statement**
If you are a student who is disabled as defined under the Americans with Disabilities Act and require assistance or support services, please seek assistance through the Center for Disability Services. A CDS Counselor will coordinate those services.

**Equal Opportunity Statement**
Georgia Gwinnett College is an Equal Opportunity College open to any qualified individual without regard to race, religion, sex, age, color, national or ethnic origin, or disability. Pursuant to all applicable federal anti-discrimination laws and regulations, Georgia Gwinnett College does not discriminate against any of the protected categories of individuals in the administration of its policies, programs or activities. This non-discriminatory policy includes admission policies, scholarship and loan programs, employment practices, and athletics and other school-administered programs.

**Affirmative Action Statement**
Georgia Gwinnett College adheres to affirmative action policies designed to promote diversity and equal opportunity for all faculty and students.

**Academic Respect**
The college exists to foster educational excellence. To this end, a classroom atmosphere that supports learning must be maintained. Students are expected to be active, attentive participants in the class. Students are also expected to abide by class policies and procedures and to treat faculty and other students in a professional, respectful manner. Students are expected to be familiar with the student conduct code published in the Student Handbook.

**Academic Integrity**
Student Honor Statement: We will not lie, steal, or cheat, nor tolerate the actions of those who do.

Georgia Gwinnett College students are expected to adhere to the highest standards of academic integrity and are expected to encourage others to do the same. Further, students are expected to take responsible action when there is reason to suspect dishonesty on the part of others.

Academic dishonesty carries severe penalties ranging from a grade of “0” on the affected assignment to dismissal from Georgia Gwinnett College. Each faculty member at Georgia Gwinnett College bears the responsibility for assigning penalties for cases of academic dishonesty. Students may appeal a penalty as outlined in the Student Handbook.

**School of Science and Technology Policies:**

**Make-up Exam Policy**
Special arrangements to take a regular exam early must be made in advance in writing. Early exams are available only at the instructor’s discretion and only under extreme circumstances.

IF an emergency arises and you miss an exam, you MUST notify your instructor on the same DAY as the exam. Notification by email, text or phone message is acceptable. At the instructor’s discretion, make-up work may have a different format or different content from the regular assignment. Make-up work should be completed within two days of the original due date.

**Final Exam**

The final exam will be given sometime during May 2 - 8. The date and time of the final exam is set by the registrar and cannot be changed at the convenience of the student. You should not plan to be absent anytime during that week. A make-up final exam will only be given in cases of a verifiable excused absence.

**Course Changes**

This course syllabus provides a general plan for this course. The instructor reserves the right to make changes to the syllabus, including changes to assignments, projects, examinations, etc., in order to accommodate the needs of the class as a whole and fulfill the goals of the course.

**Technology Covenant (To be mutually constructed by students and instructor)**

Technology will be used to deliver content, provide resources, assess learning, and facilitate interaction, both within the classroom and in the larger learning community.

**Course Materials and Grading**

You can expect to access the course materials and grades via my.GGC. Students should check my.GGC regularly, as course changes will always be announced and recorded on the course site in my.GGC.

**Communication**

- I want to have face-to-face conversations with you, when possible. However, we may need to establish a time and place via email or by phone.
- I prefer email or text messages for most situations. **Monday through Friday expect me to respond by within 24-hours.** Communications received after 9 p.m. will be returned by the next day. On the week-end or when I am away from campus (i.e., at a conference), my response is irregular.
- When corresponding by email, I will communicate with you using only your GGC email. You should check your GGC email every day. Emails from other domains (yahoo.com, gmail.com, hotmail.com, etc.) will not receive replies due to the Family Educational Rights and Privacy Act (FERPA).
- Email should include the text “ITEC 2120” in the subject, that provides special handling so I can easily find email from students.
Expectations of Students

• All students at GGC need to have access to a computer. If you do not have one, computer labs are available on campus.
• I expect students to access course or individual communications within 1-2 days excluding weekends.

Official Correspondence

When you email me you should consider the email as official correspondence. As such, the email should not appear as a text message but should have proper grammar and punctuation. Improperly constructed email will be followed with the following response. “At GGC, email is considered official and professional correspondence. I will be glad to help you when you resend the email with proper grammar and punctuation.”

Technology Changes

This covenant provides a general guideline for the course. I reserve the right to make periodic and/or necessary changes to the covenant, including: technology use and communication channels, in order to accommodate the needs of the class as a whole and fulfill the goals of the course.

Instructor/Course Policies:

Absences

You are expected to attend every class, you will sign the official roll. Failure to attend class will affect your grade.

You must notify your instructor every time you are absent via email, whether that absence is excused or unexcused. If the absence is unexcused, simply put 'unexcused' in the explanation part.

Cheating

Giving or receiving unauthorized help on any graded work will result in a grade of -100 for that piece of work in addition to any further penalties that may apply. All incidents of academic dishonesty are reported to Student Affairs and will be kept on record for the duration of your enrollment at GGC.

Significant Time Outside of Class

This class requires a steady 8+ hours outside of class every week to succeed. Prepare to spend a significant amount of time on this course. If you fall behind, be prepared to spend 12+ hours per week to catch up. It is not possible to catch up by just spending the normally required 8+ hours. If you do not have the time to commit, please consider taking this course in a future semester.