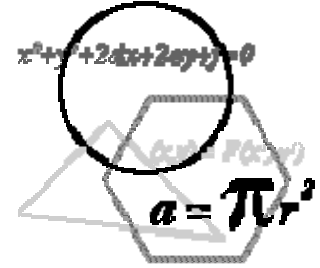


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**OFFICE HOURS:** M 3:45-5:45; T 2:45-5:45; R 9:45-2:45  
**COURSE:** COP 1000, Fall 2009 (#308962)



### COURSE DESCRIPTION (COP 1000)

This is an essential first course for CIS majors. It will introduce the fundamentals of computer usage, covering topics such as editor functions, files, batch and interactive processing, and program compilation and execution. Students will be taught algorithm design using structured flowcharting and pseudocoding techniques. A high-level programming language will be introduced and used throughout the course to supplement the theoretical foundations that are being built.

### TEXTBOOKS

- 📖 Farrell, Joyce, *Programming Logic and Design, Comprehensive, Fifth Edition*, Thomson Course Technology, US (2008) (ISBN 1-4329-0195-9)
- 📖 Smith, Jo Ann, *C++ Programs to Accompany Programming Logic and Design*, Thomson Course Technology, US (2010) (ISBN 0-3247-8144-X)

### STORAGE DEVICES (for seated classes)

- 📁 A USB memory stick, flash drive, or thumb drive

### SOFTWARE

- 🎧 SFC for flowcharting
- 🎧 - Or - Visio 2007 (bundled with text) for flowcharting
- 🎧 - Or - Microsoft Word for flowcharting
- 🎧 Dev C/C++ 5 compiler (shareware) (available from <http://www.bloodshed.net/>)
- 🎧 - Or - C/C++ compiler is part of Microsoft Visual .NET (available through MSDNAA)

### EVALUATION

Student progress will be evaluated based on projects, assessments, and lab work. The following table describes the relationship to the final grade.

Component	Number	Percentage of Grade
Projects	10	50%
Assessments	4	40%
Collaborative projects		10%

- Projects will be evaluated based on correctness, completeness, and appearance.
- **Late** projects will **NOT** be accepted.
- **NO** makeup assessments will be given. If you are unable to attend a scheduled test, please make arrangements *in advance* with the professor.

#### GRADING SCALE

Points	Grade
90-100	A
80-89	B
70-79	C
60–69	D
Below 60	F
Failure due to non-attendance	FN

#### GUIDELINES FOR STUDENT SUCCESS

- ✓ Each student is expected to attend class regularly and to participate in the collaborative projects.
- ✓ Keep good class notes of lectures and discussions, as test materials may come from lectures (it's not all in the book!).
- ✓ Read the assigned materials. Post questions, if you don't understand a concept.
- ✓ When working on projects on the computer, *save* your work often. When you think it would be inconvenient to recreate your work, save your work.
- ✓ **Submit** projects on time. **Upload** an electronic copy of your project. Your name, course, and project number must be on each source file submitted.
- ✓ Create a portfolio of your work. Maintain a folder of your projects until term end.
- ✓ You may ask for assistance from your professor or another student; however *your work must be your own*. Students are expected to complete their own tasks. Evidence of academic dishonesty will be handled according to the appropriate college Board rule and may result in a failing grade for the project or assessment, or failure in the course. For more information refer to the *Procedures for Handling Alleged Academic Dishonesty* policy in the college catalog or <http://floridastatecollegcatalog.fscj.edu/content.php?catoid=11&navoid=684&bc=1&hl=dishonesty>.
- ✓ *Don't get behind in the course!* Make sure you plan plenty of time for studying/working on this course. If you "get stuck" on something that doesn't seem to work, don't "stay stuck". Post a discussion item or call or email your professor or study friends.

**PROPOSED COURSE SCHEDULE\***

<b>Date</b>	<b>Lecture Topics</b>	<b>Chapters</b>	<b>Projects</b>	<b>Assessments</b>
9/1	An Overview of Computers and Logic	1		
9/7	<i>SCHOOL CLOSED – Labor Day</i>			
9/8	<i>Drop Deadline (A16)</i>			
9/8	Understanding Structure	2	1	
9/15	The Program Planning Process: Documentation and Design	3	2	
9/22	Assessment (chapters 1-2)			1
9/29	Making Decisions	4	3	
10/6	Looping	5	4	
10/13	Assessment (chapters 3-4)			2
10/20	Arrays	6	5	
10/27	Arrays (cont.)	6		
11/3	Modularization Techniques	7	6	
11/9	<i>Withdrawal Deadline (A16)</i>			
11/10	Assessment (chapters 5-6)			3
11/11	<i>SCHOOL CLOSED – Veterans' Day</i>			
11/17	Advanced Array Manipulation	9	7	
11/24	Control Breaks	8	8	
11/26-11/29	<i>SCHOOL CLOSED – Thanksgiving</i>			
12/1	Object Oriented Programming	11	9	
12/8	Lab time		10	
12/15	<i>NO CLASS – Final Exams</i>			
12/17	Assessment (chapters 7-9, 11) 1PM-3PM			4

\* The instructor reserves the right to adjust the schedule as needed. Students will be provided an updated course schedule.