Dual-Degree Engineering
B.S. Computer Science & Computer Engineering*
ADVISOR REGISTRATION REQUIRED

Name _____ ID# _____

Advisor _____

Effective Catalog Year: 2008-2009

CORE: 61 HOURS

Area A (9 hrs)	Hrs	Term	Grade
ENGL 1101 Composition I (min grade C)	3		
ENGL 1102 Composition II (min grade C)	3		
MATH 1113 Precalculus (min grade C)	3		

Area B (4 hrs min)	Hrs	Term	Grade
CIS 1000	2		
COMM 1110	3		
ENGL 2200	3		
SOCI 2295	2		
SOSC 1000, SOSC 1101, GEOG 1101	2/3		
THEA 1110	3		
WMST 2001	3		
Foreign Language (2000 or higher)	3		

Area C (6 hrs)	Hrs	Term	Grade
ENGL 2110 or ENGL 2120 or ENGL 2130	3		
Select one:	3		
ARTC 1100, MUSC 1100 or THEA 1100			

Area D (12 hrs) Area D Lists	Hrs	Term	Grade
MATH 1120 Calculus I (min grade C)	4		
Lab Science I: PHYS 2211	4		
Lab Science II: PHYS 2212	4		

Area E (12 hrs)	Hrs	Term	Grade
POLS 1101 American Government	3		
HIST 1111 or 1112 World Civilization I or II	3		
HIST 2111 or 2112 US History I or II	3		
ECON 2105 or 2106 (Req. for GIT)	3		

Area F Computer Science (18 hrs)	Hrs	Term	Grade
CSCI 1301 Intro to Structured Program	4		
CSCI 1302 Intro to Programming II	4		
CSCI 2100 Assembly Lang Program	3		
CSCI 2500 Discrete Systems	3		
MATH 2221 Calculus II	4		

Physical Education (4 hrs)	Hrs	Term	Grade
PEDS 1010 Lifetime Fitness	1		
PEDS 2000 CPR/First Aid	2		
PEDS _____ (Activity)	1		

Additional Requirements	UNIV 1000 _____
GA HISTORY _____	US HISTORY _____
GA CONSTITUTION _____	US CONSTITUTION _____
REGENTS' READING _____	REGENTS' WRITING _____
	SWIMMING _____

Prior Degree/Major: _____

Earned at: _____

Comments: _____

_____

_____ _____

Completed by   Date

ADDITIONAL REQ: GSW & GIT   61 HOURS

Required Courses (35 hrs)	Hrs	Term	Grade
CSCI 3100 Intro Comp Organization	3		
CSCI 3200 Unix	3		
CSCI 3300 Concepts Prog Language	3		
CSCI 3500 Data Structure & Algorithms	3		
CSCI 4100 Computer Architecture	3		
CSCI 4200 Design of Operating System	3		
CSCI 4300 Software Engineering	3		
CSCI 4310 Object Oriented Prog	3		
CSCI 4400 Intro Database Systems	3		
CSCI 4500 Des & Anal of Algorithms	3		
CSCI 4910 Junior/Senior Seminar	1		
CSCI 4920 Ethics in Comp Profession	1		
CSCI 4940 Capstone Project	3		

GIT required GSW courses (22 hrs)	Hrs	Term	Grade
Lab Science I: CHEM 1211/1211L	4		
Lab Science II:	4		
MATH 2222 Calculus III	4		
MATH 2223 Discrete Systems I	3		
MATH 3313 Differential Equations	3		
PHYS 2025 Signal Processing	4		

Recommended Free Electives (5 hrs)	Hrs	Term	Grade
PHYS 1101 Intro to Engineering	1		
MATH 3320** Scientific Computation	3		

Required GSW Hours (min.)	Hrs	Term
record term GSW work completed	90	

GSW University Requirements:

For receipt of GSW B.S. Computer Science degree, above listed courses
must be completed at GSW, a <u>minimum</u> of 39 upper division (3000-4000 level)
semester hours must be earned at GSW & GIT, and <u>all</u> GIT computer
engineering degree requirements must be completed. A final official
transcript from GIT with degree posted is also required before the GSW
degree will be awarded.

Students entering 2007-2008 do not have to meet swimming requirement.

Additional Requirements:

Minimum grade requirements and specific core courses taken at GSW
depend on a specific engineering degree sought at GIT. Additional courses
at GIT are required upon acceptance and enrollment at GIT. Consult GIT
catalog for acceptance criteria & requirements for each engineering degree.
Admission & transfer to GIT is contingent upon GIT standards for admission.

STUDENT NOTES:

*Bachelor of Science Engineering degrees offered by GIT include: aerospace, biomedical,
chemical, civil, computer, electrical, industrial, materials science, mechanical, and nuclear
engineering. Specific core and upper division courses taken at GSW vary with the
engineering degree sought at GIT.

**Satisfied GIT Math Lab requirement.

ADVISOR NOTES:

Students should consult with advisors regarding additional GIT courses
that could be approved as substitutes for upper division GSW
Computer Science electives.