



Computer Engineering Checklist

2006-2008 Catalog

Name _____

ID # _____

Semester Entered _____

Gen Ed – English (12 hrs)

	Sem	Credit	Grade
ENGL 110 Composition I		3	
ENGL 111 Composition II		3	
ENGL 342 Tech Comm.		3	
ENGL Literature Elective ¹		3	

Gen-ED Social Science (11 hrs)

	Sem	Credit	Grade
FRST 101 Freshman Studies		2	
GE Social Sci Elective ²		3	
GESO History Elective ³		3	
GESO Glob Studies Elective ⁴		3	

Gen Ed – Hum & Fine Arts(6 hrs)

GEEN 310 Adv Communic		3	
PHIL 450 Applied Ethics		3	

Gen Ed- Health & PE (2 hrs)

Health/ Wellness Elective		2	

Gen Ed - Math (18 hrs)

MATH 200 Calculus I		3	
MATH 201 Calculus II		3	
MATH 300 Calculus III		3	
MATH 350 Diff. Eqns		3	
MATH 284 Discrete Math		3	
MATH/SCI Elective ⁵		3	

Gen Ed- Science (12 hrs)

PHYS 112 Physics I w/ Lab		4	
PHYS 113 Physics II w/ Lab		4	
CHEM 101 Gene Chem.		3	
CHEM 103 Gene Chem. Lab		1	

Computer Engineering Core (39 hrs)

CPEG 201 Sophomore Lab I		1	
CPEG 202 Sophomore Lab II		1	
CPEG 207 Digital Systems		3	
CPEG 208 Microprocessors		3	
CPEG 301 Junior Lab I		1	
CPEG 302 Junior Lab II		1	
CPEG 303 Intro to Electronics		3	
CPEG 305 Operating Sys.		3	
CPEG 307 Lin. Sys Analysis		3	
CPEG 309 Adv Dig Sys Dsgn		3	
CPEG 320 VLSI Device Dsgn		3	
CPEG 400 Senior Seminar		1	
CPEG 401 Senior Lab		1	
CPEG 404 Data Acquisition		3	
CPEG 408 Senior Design		3	
CPEG 413 Dig Signals & Filt		3	
GPEG 416 Adv Micro-Controll		3	

Engineering Fundamentals (28 hrs)

ENGR 101 Intro to Engineering		2	
ENGR 102 Intro to Engineering		2	
ENGR 201 Circuit Analysis		3	
ENGR 203 Intro to Programming		3	
ENGR 204 Obj Orient Prog.		3	
ENGR 301 Engr Statistics		3	
ENGR 310 Engr. Economics		3	
ENGR/CSCI Elective ⁶		3	
ENGR/CSCI Elective		3	
ENGR/CSCI Elective		3	

1. ENGL Literature Elective
ENG 201, ENG 202
2. GE Social Science Elective
CJUS 116, ECON 100, ECON 210, ECON 211, FACS 201, GEPO 150,
GEPS 124, POLI 202, PSYC 212, GESO 211, SOCI 101, SOCI 102
3. GESO History Elective
GEHI 114, GEHI 115, GEHI 122, GEHI 123, POLI 150
4. GESO Glob Studies Elective
FREN 119, GEHI 114, GEHI 115, GEOG 210, GERM 110, IDUP 270, POLI 207, POLI 210,
SPAN 111
5. Math/Science Elective
MATH 301, MATH 325, MATH 452, CHEM 102, PHYS 214, BIOL 100
6. ENGR/CSCI Elective
CPEG and ENGR, CSCI 3xx