FOR TRANSFER TO THE **CS TRACK** IN COMPUTER SCIENCE AT CSU BAKERSFIELD

BAKERSFIELD COLLEGE COURSE	SATISIFES CSU BAKERSFIELD COURSE
ENGR B19C/C++ **or** COMS B25	CMPS 221
COMS B35	CMPS 222 **and** CMPS 223
COMS B27	CMPS 224
PHYS 4A **and** PHYS 4B	PHYS 221 **and** PHYS 222 (covers B1+B3 Goals)
MATH 6A	MATH 201 (covers B4 Goal)
MATH 6B	MATH 202
MATH 6C	MATH 203 **and** MATH 204
MATH 6D	MATH 205 (this is optional at CSUB)
MATH 6E	MATH 330
COMM B1	A1 Goal
ENGL B1a	A2 Goal
PHIL B7 **or** PHIL B9 **or** ENGL B2	A3 Goal
BIOL B3a **or** BIOL B11	B2 Goal
ECON B1 **or** ECON B2	D2 Goal
HIST B17a **and**	US History Req't **and**
POLS B1	D3 Goal **and** State Government Req't

For more information about the General Education Goals, please refer to the full articulation document at:
http://www2.bakersfieldcollege.edu/counseling/csugened2010-2011.html

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AFTER TRANSFER, THE STUDENT WILL NEED TO COMPLETE THE FOLLOWING COURSE WORK

Remaining Lower Division (5) Note: All units shown are **quarter** units
> CMPS 295 Discrete Structures

Upper Division (50)
> CMPS 312 Algorithm Analysis and Design
> CENG 320 Digital Circuits
> CMPS 321 Computer Architecture
> CMPS 335 Software Engineering
> CMPS 342 Database Systems
> CMPS 350 Programming Languages
> CMPS 356 Artificial Intelligence
> CMPS 360 Operating Systems
> CMPS 376 Computer Networks
> CMPS 490 Senior Project in Computer Science

Upper Division Elective (select 1 400-level course or CMPS 371) (5)
Cognate Requirements (5)
> MATH 340 Probability

Lower Division General Education (satisfy each **remaining** goal which was not satisfied at BC) (0-20)
> C1, C2, C3
> D1

Upper Division General Education (15)
> Theme II - PHIL 316 (Ethics)
> Theme III
> Gender, Race, or Ethnicity (GRE)

Note: Degree information is accurate as of May 15, 2011