

San Diego State University
Preparation-for-Major Courses
Construction Engineering, B.S.

SDSU COURSE	SDSU COURSE TITLE	SDCCD COURSE	UNITS	CITY	MESA	MIRA
CON E 101	CONSTRUCTION AND CULTURE	NO EQUIV	N/A	N/A	N/A	N/A
CON E 201	CONSTRUCTION CONCEPTS AND BUILDING CODES	NO EQUIV	N/A	N/A	N/A	N/A
CON E 280	CONSTRUCTION METHODS	NO EQUIV	N/A	N/A	N/A	N/A
ACCTG 201	FINANCIAL ACCOUNTING FUNDAMENTALS	ACCT 116A	4	X	X	X
CHEM 200	GENERAL CHEMISTRY	CHEM 200* and CHEM 200L*	3 2	X X	X X	X X
CIVE 120	CIVIL AND ENVIRONMENTAL ENGINEERING COMPUTER APPLICATIONS I	NO EQUIV	N/A	N/A	N/A	N/A
CIVE 121	CIVIL AND ENVIRONMENTAL ENGINEERING COMPUTER APPLICATIONS II	NO EQUIV	N/A	N/A	N/A	N/A
CIVE 160	STATISTICAL METHODS FOR CIVIL AND ENVIRONMENTAL ENGINEERS	MATH 119	3	X	X	X
CIVE 218	SURVEYING FOR CIVIL ENGINEERS	NO EQUIV	N/A	N/A	N/A	N/A
ECON 102	PRINCIPLES OF ECONOMICS	ECON 121	3	X	X	X
EM 200	STATICS	ENGE 200	3	X	X	N/A
GEOL 100 and GEOL 101	PLANET EARTH and DYNAMICS OF THE EARTH LABORATORY	GEOL 100 and GEOL 101	3 1	X X	X X	X X
MATH 150	CALCULUS I	MATH 150	5	X	X	X
MATH 151	CALCULUS II	MATH 151	4	X	X	X
PHYS 195	PRINCIPLES OF PHYSICS	PHYS 195	5	X	X	X
PHYS 196	PRINCIPLES OF PHYSICS	PHYS 196	5	X	X	X

* Lecture and lab components must be completed prior to transfer to receive credit for SDSU's course.

TOTAL UNITS: 37-41

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Transfer Admission Eligibility*

All transfer applicants must meet the following requirements to be considered for admission:

- Complete a minimum of 60 CSU-transferable semester units.
- Complete General Education (GE) requirements in written communication, oral communication, critical thinking, and mathematics with a "C" or higher in each course.
- Earn a minimum 2.0 cumulative CSU-transferable GPA. Applicants must meet this GPA at the time of application and must maintain the GPA prior to transfer.
- Be in good standing at the last college or university attended.

Applicants who meet the requirements listed above will be ranked based on the completion of lower division General Education and preparation for the major coursework. Out-of-service area applicants will be selected based on a GPA ranking that may be higher than the major GPA. Visit www.sdsu.edu/admissions for details.

Notes

- General Education: Students may complete either a certified General Education package (CSU GE or IGETC patterns) or the general education pattern specified in the SDSU catalog under "Civil Engineering". The following SDCCD courses are recommended if the student elects to complete the GE pattern listed in the SDSU catalog under "Civil Engineering":
 - Oral Communication (3 units): SPEE 103 or BLAS 106. These cannot be taken credit/no credit.
 - Composition (3 units): ENGL 101 or 105. These cannot be taken credit/no credit.
 - Intermediate Composition and Critical Thinking (3 units): ENGL 205 or PHIL 205. These cannot be taken credit/no credit.
 - Physical Sciences and Lab (11 units): CHEM 200, CHEM 200L, PHYS 195, and PHYS 196
 - Life Sciences(3 units): ANTH 102 or BIOL 105 or BIOL 107
 - Mathematics/Quantitative Reasoning (3 units): MATH 150. This cannot be taken credit/no credit.
 - Social and Behavioral Sciences (3 units): ECON 121.
 - Humanities (9 units): PHIL 102B and two other courses in two different areas:
 - Literature: BLAS 155; ENGL 220; ENGL 221; ENGL 208
 - Art, Classics, Dance, Drama, Humanities, and Music: ARTF 100; ARTF 110; ARTF 111; HIST 120 and 121 (both courses must be completed prior to transfer); CHIC 210; DANC 181; HUMA 101; HUMA 201; MUSI 100; RTVC 160 or DRAM 150 and 151 (both courses must be completed prior to transfer) or DFLM 101; DRAM 105; PHIL 125
 - History: HIST 100; HIST 101; HIST 105; HIST 106
 - Foreign Language: Select a foreign language course listed in CSU GE area C2 (Courses in Spanish are highly encouraged).
 - American Institutions (6 units. 3 of these units may also be applied to one of the General Education categories above.) Complete one two-course sequence:
 - BLAS 140A and 140B
 - HIST 150 and 151
 - CHIC 141A and 141B
 - HIST 109 and 110

* NOTE: This planning guide is based on existing articulation agreements and the SDSU 2007-2008 catalog; it is subject to change by the receiving university. For more information, please see a counselor, consult the SDSU catalog, reference www.assist.org, and/or contact the SDSU department at (619) 594-6071 or construction@engineering.sdsu.edu.