

**San Jose State University**  
**College of Engineering**  
**Department of Civil and Environmental Engineering**  
*Major Form for BSCE- Catalogs 2014/15 and 2015/16*

WORKSHEET

Name Inchuneur Sybill Proposed Date of Graduation May 2016  
 (Last) (First) (MI)

Minimum No. of Units for the Degree: 120 Catalog 2014-2015

REQUIRED COURSES					REQUIRED COURSES (Continued)				
Dept.	No.	Title	Units	Grade	Dept.	No.	Title	Units	Grade
ENGR.	10	Introduction to Engr.	3	A	C.E.	130	C.E. Economic Anal.	2	B
ENGR.	100W	Engineering Reports	3	C	C.E.	131	Intro. to Constr. Eng.	3	B+
M.E.	101	Dynamics	3	B	C.E.	140	Geotech Engineering	3	B-
M.E.	111	Fluid Mechanics	3	B	C.E.	150	Hydro. and Hydraulics	3	
C.E.	8	Plane Surveying	3	C	C.E.	160	Structural Analysis	3	B
C.E.	20	Engineering Graphics	3	B	C.E.	162	Struc. Concr. Design	3	
<del>C.E.</del> *ENGR	<del>96</del> 99	<del>Theory &amp; App of Statics</del> Statics/Vector Mechanics	3	B	C.E.	170	Princ. of Environ. Engr.	3	
C.E.	112	Mechanics of Materials	3	CR	C.E.	181	Civil Engr. Systems	3	
C.E.	120	Construction Mat. Lab	1	C+	C.E.	190	Nm. Sol. C.E. Prob.	2	
C.E.	121	Transportation Eng.	3	B	C.E.	192	Prob. Models for C.E.	2	C
					<b>TECHNICAL ELECTIVES 9 Units</b>				
					C.E.	132	Constr. Methods & Equipment	3	B+
					C.E.	154	Hydraulic Design	3	
					C.E.	172	Solid Waste Mgmt. Engr	3	

**COURSES REQUIRED IN PREPARATION FOR THE MAJOR**  
**Mathematics, Chemistry, Physics, and Science Elective - - - (29 to 34 Units)**

Dept.	No.	Title	Units	Grade	Dept.	No.	Title	Units	Grade
Chem	1A	General Chemistry	5	B	Phys	50	General Physics	4	
<del>Math</del>	<del>30</del>	<del>Calculus I</del>	<del>3</del>		**Phys	4A	Mechanics	6	C
*Math	3A	Calc. & Analytical Geo	5	A	Phys	51	General Physics	4	B
<del>Math</del>	<del>31</del>	<del>Calculus II</del>	<del>4</del>		Geol	002	Intro to Earth Sciences	3	B+
*Math	3B	Calc. & Analytical Geo	5	B+					
Math	32	Calculus III	3	C					
Math	133A	Ordinary Differential Eq.	3	A-					

\*=WVC (West Valley College)

\*\*=De Anza College

**The Bachelor of Science Degree in Civil Engineering will be awarded after:**

- a) Successful completion of the above work.
- b) An audit of the student's transcript of record to verify that all appropriate data have been entered accurately.
- c) A minimum of 2.0 GPA in all REQUIRED COURSES has been achieved.
- d) A minimum of 2.0 GPA in all REQUIRED COURSES and TECHNICAL ELECTIVES combined has been achieved.
- e) A minimum of 2.0 GPA in all REQUIRED COURSES and TECHNICAL ELECTIVES taken at SJSU has been achieved.
- f) A minimum of 2.0 GPA in all REQUIRED COURSES and TECHNICAL ELECTIVES in approved CIVIL ENGINEERING courses has been achieved.

[Signed] \_\_\_\_\_ [Signed] \_\_\_\_\_  
 Major Advisor Dept. Chair, Civil Engineering

Date: \_\_\_\_\_