UNDERSTANDING THE RULES OF THE GAME

SUCCESS AS SPARTANS CHAPTER 1
LET’S GET STARTED
Science 90T, Success As Transfers

Course components: Main lecture (M 5:00p–5:50p), Activity section (Weekly), Peer Advising Mtgs. (Weekly)

Grading policy: Your grade in Science 2 shall be calculated based on the completion of the following components: exams, homework, peer advisor visits, scavenger hunt, oral presentation and both activity section and success team participation. The percentages and weights are listed below:

- Exams = 1 midterms + final exam for a total of 2 exams × 35%
- Homework (will be given from activity and main lecture) × 35%
- Peer Advisor (3 missed appts. forfeits this portion of course) × 7%
- Scavenger Hunt × 7%
- Oral Presentation (A Photo Journal oral assignment) × 7%
- Online Proficiency × 2%
- Activity section participation (Quiz, disc, mtgs, instructor assigns) × 7%

100% Total

Materials needed for course: REQUIRED TEXT AND MATERIALS: The primary texts for the course will be a book entitled, “Who Moved my Cheese?” by Dr. Spencer Johnson and a course reader entitled, the “Success as Spartans II” Workbook. “Who Moved my Cheese?” can be purchased at many bookstores including Amazon.com, Borders, Barnes and Noble, and the university bookstore. Supplementary reading material may include various handouts. You must be able to email attachments created in Microsoft Office (Word, Excel, and PowerPoint); if this is not possible, talk with your instructors about alternatives.
UNDERSTANDING GENERAL EDUCATION REQUIREMENTS

AND THE IMPORTANCE OF UNDERSTANDING PREREQUISITES AT SAN JOSE STATE UNIVERSITY

A SUCCESS AS SPARTANS PRODUCTION

(SCI 2 / 90T)
San Jose State Univ. graduation requirements

San Jose State University graduation requirements consist of:

GE + Major Req + 6 units American Institutions + 2 Kin (physical activity)courses
SJSU DEGREE!
General Education AT SJSU

- General Education requirements at SJSU are divided into 2 categories:
  - Core GE (A–E)
  - SJSU Studies (R,S,V & Z)
General Education – Core Courses

**GE Area A**

**Basic Skills**

9 UNITS

A1. Oral Communication (A1)
COMPLETE ONE 3 UNIT COURSE
- COMM 202, Public Speaking
- COMM 223N, Pub Sp Nann Spiks
- COMM 410, Argument/Advocacy
- HUM 001A-B, 002A-B. Culture & Society
- MAS 074, Public Address

A2. Written Communication IA
COMPLETE ONE 3 UNIT COURSE
Students must satisfy the English Placement Test (EPT) requirement prior to enrollment.
- ENGL 001A, Composition 1
- HUM 011A-B, 002A-B. Culture & Society

A3. Critical Thinking
COMPLETE ONE 3 UNIT COURSE
- COMM 041, Crit Dec Making
- ENGL 007, Critical Thinking
- HIST 060, Historical Process
- HUM 001A-B, 002A-B. Cultural & Society
- LING 021, Language and thinking
- PHI 067, Logic & Crit Flss
- POLS 020, Controv Legal Iss

**GE Area B**

Science and Mathematical Concepts

9 UNITS

COMPLETE AT LEAST ONE 3-UNIT COURSE IN PHYSICAL SCIENCE, LIFE SCIENCE, AND MATHEMATICAL CONCEPTS. AT LEAST ONE LAB COURSE (L) MUST BE INCLUDED.

B1. Physical Science

- ASTR 010, Descript Astronomy
- CHEM 030A, Intro Chem
- CHEM/PHYS 035, Intro to Phy Sci
- ENGR 005, Science of High Technology
- GEOG 001, Geog Natural Env
- GEOL 001, General Geology
- GEOL 003, Planet Earth
- GEOL 006, Geol of California
- GEOL 007, Earth, Time and Life
- METR 010, Weather & Climate
- METR 012, Global Warming
- MUSE: Course (01)
- NURS 001A, Science of Foods
- PHYS 001, Elem Phys

B2. Life Science

- ANTH 012, Intro to Human Evol
- BIOL 010, The Living World
- BIOL 020, Ecol Biol
- BIOL 021, Human Biology
- ENVS 010, Life Chang Planet
- MUSE: Course (02)

B3. Laboratory Science

The following courses meet the Lab requirement only.
- ASTR 102, Lab (1 unit)
- BIOL 150/GEOL 150, Fld Stds Nat Hist (1-2 units)
- GEOL 004L, Planet Earth Lab
- PHYS 001L, Elem Phys Lab (1 unit)

Intensive Math

Students who have completed a course satisfying Area B4, and who have completed MATH 030, MATH 030F, MATH 031, MATH 032, MATH 070, or MATH 071, with a grade of "C" or better ("C-" not included) will be allowed to use one of these courses to fulfill the Area B4 requirement.

Intensive Science

Students who desire a more intensive plan of courses to satisfy Core GE may submit a petition to the Associate Dean of the College of Science, SCI 127. For more details, go to www.sjsu.edu/ugs/docs/petitions/intensive_Science.pptd.
General Education – Core Courses

GE Area C
Humanities & Arts
9 UNITS

C1. Arts
COMPLETE ONE 3 UNITS COURSE
☐ AMS 001A-B. American Civ
☐ ARTH 015. Visual Culture
☐ ARTH 070A, Art Hist Prehis-Med
☐ ARTH 070B. Art Hist Ren-Med
☐ ARTH/VASC 070C. Arts of Asia
☐ ARTH 072. Design in Society
☐ DANC 010. Dance Appreciation
☐ HUM 001A-B, 002A-B. Culture & Society
☐ MUSC 010A. Music Appreciation
☐ MUSC 010B. Intro to Music
☐ MUSC/ASIA 019. Mus Wild Cultures
☐ MUSE: Course (C1)
☐ PHIL 082. Intro Aesthetics
☐ RTVF 010. The Art of Film
☐ TA 006. Acting
☐ TA 010. Theatre Appreciation

C2. Letters
COMPLETE ONE 3 UNITS COURSE
☐ AMS 001A-B. American Civ
☐ CHIN 025A. Intro Chinese
☐ CHIN 025B. Intro Chinese
☐ ENGL 010. Great Works of Lit
☐ ENGL 022. Fantasy Science Fiction
☐ ENGL 040. Contemp World Fiction
☐ ENGL 071. Intro Creative Writ
☐ ENGL 078. Intro Shakespeare
☐ FREN 025A. Intro French
☐ FREN 025B. Intro French
☐ GERMAN 025A, Intro German
☐ GERMAN 025B, Intro German
☐ HUM 001A-B, 002A-B. Culture & Society
☐ JPN 025A. Intro Japanese
☐ JPN 025B. Intro Japanese
☐ MUSE: Course (C2)
☐ PHIL 010. Intro to Phil
☐ PHIL 051. Moral Issues
☐ PHIL 070A. Ancient Philosophy
☐ PHIL 070B. Modern Philosophy
☐ POLS 003. Intro Pol Thought
☐ RELS/ASIS/070A. Western Religions
☐ RELS/ASIA/HUM 070B. Eastern Religions
☐ RELS/ASIA/HUM/0700. Bible Hist and Lit
☐ SPAN 025A. Intro Spanish
☐ SPAN 025B. Int Spanish
☐ TA 013. Great Comedies for Theater

C3. Written Communication 1B
COMPLETE ONE 3 UNITS COURSE
☐ ENGL 001B. Composition 2
☐ HUM 001A-E, 002A-B. Culture & Society
Students who satisfy Written Communication 1B with a course certified in another area of GE must complete Area C with a second course in Arts or Letters.

GE Area D
Social Science
9 UNITS

D1. Human Behavior
COMPLETE ONE 3 UNITS COURSE
☐ ANTH 011. Cultural Anthro
☐ CHAD 075. Imagination & Play
☐ CMPE 025. Digital World
☐ COMM 010. Comm and Relations
☐ COMM 021. Perf Cult Soc
☐ ECON 001B. Prin of Econ
☐ ENGR/TECH 008. Technology and Women
☐ GEOG 010. Cultural Geography
☐ HSGEOR/HTM 016. Human Life Span
☐ LING 020. Nature of Language
☐ MUSE: Course (D1)
☐ OCHT 010. Homeless Americans
☐ PSYC 001. General Psychology
☐ PSYC 002. Child & Adul Psych
☐ SOCI 011. Intro to Sociology
☐ WOMS 010. Sex & Gender Roles

D2. Comparative Systems
COMPLETE ONE 3 UNITS COURSE
☐ AAS 003A-B. As Am US Hist/Pol
☐ AAS/AFAM/MAS 025. Changing Majority
☐ AMS 001A-B. American Civ
☐ GEOG 101. Global Geography
☐ HIST 010A. Western Civilization
☐ HIST 010B, Western Civilization
☐ HIST/POLS 015A-B. US History/Government
☐ HUM 001A-B, 002A-B. Culture & Society
☐ MAS 102. Mex Am US Hist/Gov
☐ MUSE: Course (D2)
☐ POLS 002. Intro Comp Pol
☐ WOMS/ASIA 020. Worn of Color in US

D3. Social Issues (D3)
COMPLETE ONE 3 UNITS COURSE
☐ AAS 003A-B. As Am US Hist/Pol
☐ AMST 01A-B. American Civ
☐ ENVS 001. Intro Environ Iss
☐ HUM 001A-B, 002A-B. Culture & Society
☐ MAS 010A-B. Mex Am US Hist/Gov
☐ MCOM 072. Mcom & Society
☐ MUSE: Course (D3)
☐ POLS 04. Intro Intl Rel
☐ SOCI 060. Social Problems
☐ SOCI 116. Global Society

GE Area E
Human Understanding & Development
3 UNITS

COMPLETE ONE 3 UNITS COURSE
☐ ANTH 025. Human Life Context
☐ BIOL 054. Human Understanding
☐ BUS 012. Money Matters
☐ CHAD 060. Child Development
☐ CHAD/KIN 067. Dev Human Potential
☐ EDCO 004. Personal, Academic and Career Exploration
☐ GEOG 005. Hum Dev Nat World
☐ HRTM 010. Great Meaning Life
☐ HS 001. Underst Health
☐ KIN 060. Stress Management
☐ LING 022. Lang Across Life
☐ MUSE: Course (E)
☐ NUFS 000. Intro Human Nutr
☐ PHIL 012. Phil of the Person
☐ RELS 000. Death Dying & Rel
☐ SCI 002. Success in Science
☐ SOC/UNVS 057. Community Involve
☐ TA 040. Beyond Words
General Education – American Institutions

GE Area F
American Institutions

6 UNITS

All three requirements (US History, US Constitution, and California Government) must be completed from the following coursework.

Courses do not satisfy Core GE unless there is a GE area designator in parentheses.
The WST is not a prerequisite for any of these courses.


All of these sequences satisfy Core GE requirements listed in parentheses.
Both courses of the sequence must be completed to satisfy the requirement.

- AAS 033A-B. As Am US Hist/Pol (D2/3)
- AFAM 02A-B. Afr Am & Dev Am Hist/Gov
- AMS 001A-B. American Gov (C1/2, D2/3)
- HIST/POLS 013A-B. US History/Govt (D2/3)
- HUM 001A-B. 002A-B. Cul & Society (A1/2/3, C1/2/3, D2/3)
- MAS 010A-B. Mex Am US Hist/Govt (D2/3)

F1. American History Only

- HIST 020A-B. Hist of Amer Peopl
  Both courses must be completed to satisfy the requirement
- HIST 170. Topics Amer Hist

F2-3. US Constitution & California Government Only

- POLS 001. Amer Govt

F3. California Government Only

- HIST 189A. California to 1900
- HIST 192B. California fr 1900
- POLS 102. State Politics
General Education Courses – SJSU Studies

### SJSU Studies

#### 12 UNITS

**Formerly Advanced GE**

- **Students must complete 12 units of SJSU Studies courses.**
  - All SJSU Studies courses must be completed at SJSU.
  - Complete one SJSU Studies course in each category.
  - *Prior to enrollment, all courses require completion of Core GE, satisfaction of the Writing Skills Test, and upper division standing.* (For students who begin continuous enrollment Fall 2005 or later, 100W is prerequisite or co-requisite to enrollment in all other SJSU Studies courses).
  - Students who fail the WST must consult their major advisor for appropriate preparation for SJSU Studies courses.
  - For students who begin continuous enrollment Fall 2005 or later, courses used to satisfy Areas R, S, and V must be taken from three separate SJSU departments or other distinct academic units.
  - Students can satisfy Areas R, S, V & Z taking COMM/ENVIS/GEOL/HUM/HUMMETR 168/180W: Global Climate Change. This is a year-long course: students enroll in 6 units in the Fall and 3 units in the Spring. By successfully completing this course, students will fulfill all 12 required units of SJSU Studies: Areas R, S, V, Z.

### GE Area R

**Earth & Environment**

- **COMPLETE ONE 3 UNIT COURSE**
  - ANTH 160, Recon Lost Civils
  - ASTR 101, Modern Astronomy
  - ECOL 101, Origins of Life
  - ECOL 110, Biodiversity
  - COMM/ENVIS/GEOL/HUM/HUMMETR 168/180W: Global Climate Change
  - SUCCESSFUL COMPLETION OF THIS YEAR-LONG COURSE SATISFIES AREAS R, S, V & Z
  - ENGR 100W, Engr Reports
  - *For approved majors only:*
    - ENVS 152, Envr Global Distr
    - GEO 104, Earth Systems
    - GEO 105, Gen Oceanography
    - GEO 107, Prehistoric Life
    - GEO/ENVIS 111, Geol and Envir
    - GEO 112, Earthquakes Volcan
    - LNG 123, Sound Comm
    - METR 112, Global Climate Chang
    - METR/ENVIS 113, Atmos Pollution
    - NUNIS 115, Issues in Food Tox
    - NUNIS 139, Science & Hunger
    - NUFS/KIN 163, Phys Fd & Nutri
    - PHIL 160, Phil of Science
    - NFYS/ART 123, Physics Animation
    - PHYS/MUSC 168, Physics of Music
    - UNVS 100, Climate Solutions

### GE Area S

**Self, Society & Equality in the U.S.**

- **COMPLETE ONE 3 UNIT COURSE**
  - AAS 175, Asian Am Comm
  - AAS 185, Multi Persp Am Soc
  - AMSS/HS 160, Amer Dream
  - ANTH/ANTH 140, Human Sexuality
  - CAVEN/LMUSC/T 172, Arts in US Society
  - CHAD 102, Dev of Self in Soc
  - COMM/ENVIS/GEOL/HUM/HUMMETR 168/180W: Global Climate Change
  - SUCCESSFUL COMPLETION OF YEAR-LONG COURSE SATISFIES AREAS R, S, V & Z
  - COMM 174, Intercult Comm
  - EDGE 103, Disability & Soc
  - EDUC/PSY/COMM/ENGRI/HUMS 167, Comm Action & Serv
  - ENGL 100, Ethnicity in Amer Lit
  - ENGL 174, Lit., Soc, Self, Society
  - GER/HS/SCM/SCI 107, Aging and Society
  - HIST 186, Hist Women in US
  - HPRH/EN/FUNIS/NURIS/OCTH 136, 16th/18th
  - HRTM 111, Legal Cul & Ident
  - JS 132, Race Gender Inequality & Law
  - JS 136, Family & Comm Violence
  - KIN 101, Sport in America
  - KINHS 160, Diversity/Stress/18th
  - LNG 129, Cult/lgEthnIn US
  - MASS 130, Chicano Amer Soc
  - MAS 160, Gender & Sexuality
  - MUSC 120, Worlds of Jazz
  - PHIL/PSB 185, Prof + Bus Ethics
  - POLS 120, US Law and Society
  - PSYC 191, Psych of Prejudice
  - RELS 162, Relg Controversy
  - RELS/HUM 101, Relg in America
  - RTSF 110, Elec Media & Cult
  - SOCI 162, Race/Ethic Rel
  - URSP 101, The City
  - WOMS 101, Study of Women

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**Real-time course listings, including textbook information:**

http://my.sjsu.edu > class search

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**Page 8 of 104**

**SAN JOSE STATE UNIVERSITY**
General Education Courses – SJSU Studies

GE Area V
Culture, Civilization & Global Understanding

COMPLETE ONE 3 UNIT COURSE
- AMS/ENVS/HUM 150, Nat & World Culture
- ANTH/ASIA 115, Global Culture
- ANTH 146, Culture & Conflict
- ARTH 103A, World Art/Culture
- ARTH/ASIA 103B, East West in Art
- CAV/ENGS/MUSC/TA 173, Cont World Arts
- CHAD 105, Concepts of Child
- CHIN/ASIA 140, Chin Cul & Pol Lit
- COMM/ENGS/GEO/L/HUM/METR 10B/1/BW, Global Climate Change

Successful completion of this year-long course satisfies Areas R, S, V & Z

- DAN 102, Dance in Wild Cult
- ENGL 117, Film, Lit, Culture
- ENGL 123A, Global Lit-Amer.
- ENGL 123B, Global Lit-Americas
- ENGL 123C, Global Lit-Oceania
- ENGL 123D, Global Lit-Asia
- ENGL/WS 126, Holocaust Literature
- FREN 1023, French Lit & Cin
- GEOG 112, Nat Cult Terr Deep
- HIST 153, Hist Women Europe
- HIST 155, 20th Century World
- HUMANTH/ASIA/RELS 114, Legacy of Asia
- HUM 129, Twentieth Century
- JS 116, HR and Justice
- LING/ASIA 122, English World Lang
- MUSC 117, Mue Cul Latin Am
- NURS 144, Food Culture
- PHIL/ASIA/RELS 104, Asian Philosophy
- PHIL 110, Sci Tech & Hum Val
- PHIL 123, Ethics in Science
- PHIL 134, Computers, Ethics, Society
- POLS 150, War and Peace
- RELS/ANTH 122, Magic Science Reli
- RELS/ANTH/MEDES 145, Mideast Tradition
- RTVF 111, Alternative Cinema
- SPAN 1023, Hisp Amer Culture
- TAVENG 127, Contemp Theatre
- TECH/COMPS/ENGR/VE/ME 106, Technology & Ovl
- UNVS 100, Climate Solutions
- WOMS 102, Global Study of Women

GE Area Z
Written Communication II

3 UNITS

All students must satisfy Area Z by
- Earning a "C" or better in English 1B (or equivalent), which is prerequisite to registering for the WST and for 100W courses. A "C-" is not acceptable.
- Taking one of the courses listed below that is approved by their major;
- or
- Completing the Graduation Writing Assessment Requirement (GWAR) at another CSU or equivalent coursework at another university prior to SJSU enrollment;
- or
- Obtaining a waiver score on the WST. If you waive 100W, you only need to complete 9 units of SJSU Studies in Earth & Environment; Sci, Society & Equality in the U.S.; and Culture, Civilization & Global Understanding.

COMPLETE ONE 3 UNIT COURSE
- AFAM 100W
- ANTH 100W
- ART 100W
- ART 100W
- BOL 100W
- GA 100W
- GCHD 100W
- CHEM 100W
- COMM 100W
- COMM/ENGS/GEO/L/HUM/METR 10B/1/BW, Global Climate Change

Successful completion of this year-long course satisfies Areas R, S, V & Z

- CS 100W
- ECON 100W
- ENGL 100W
- ENGL 100W
- ENGR 100W
- ENVS 100W
- FCPL 100W
- GEOG 100W
- GEOL 100W
- HIST 100W
- HUMAN/RELS 100W
- INF 100W
- INT 100W
- LL 100W
- LLD 100W
- LLD 100W
- MATH 100W
- MECOM 100W
- METR 100W
- MUSC 100W
- POLS 100W
- PSYC 100W
- SOWK 100W
- SOCI 100W
- SOCSCI 100W
- TA 100W
The 4 Basic Skills and SJSU Studies of GE

- Area A1 Oral Communications
- A2 Written Communication 1A
- A3 Critical Thinking
- Area B4 Mathematical Concepts

These are referred to as the “4 basic skills”

Must be passed with a grade of C or higher to obtain GE credit (C− is not acceptable grade for GE credit)

Other GE core areas can be satisfied with a grade of D

To be eligible to enroll in SJSU studies courses (R, S, V, & Z) you must:
  - 1st take and pass Engl 1B w/C or higher,
  - Achieve 60 units, or have taken all lower div possible for you and,
  - Pass the Writing Skills Test (WST) or Engl/LLD 100A if unable to pass WST

SJSU studies areas R, S, V & Z must average a 2.0 to get GE credit.
## Keeping Track of your GE is your responsibility (reader pg.15)

<table>
<thead>
<tr>
<th>CORE GENERAL EDUCATION AREA</th>
<th>course</th>
<th>sem</th>
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<th>units</th>
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<td>A 3: Critical Thinking*</td>
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Terms and definitions (will appear on midterm pg 19 of reader)

1. General education course
2. American Institutions courses
3. Supporting courses
4. Required (or major) courses
5. Capstone courses—special topical courses
6. Electives (in the major)
7. Electives (open electives)
8. University
9. College
10. Department (major)
11. Prerequisites
Understanding Prerequisites

Q: What is a prerequisite?

A: A prerequisite is a requirement which must be satisfied in order to proceed. In the case of college courses a prerequisite is a condition that must be met to proceed. The condition may be a course or exam that must be taken and successfully passed in order to proceed to the next course.

Prerequisites can usually be found in the university catalog. Simply find the course that you are interested in and follow the trail of prerequisites to the intro or “gate way” course.
Examples of prerequisites: The prerequisites for CHEM 112B

- CHEM 112B. Organic Chemistry Continuation of CHEM 112A.
  - Prerequisite: CHEM 112A (with a grade of “C” or better; “C−” not accepted).

- CHEM 112A. Organic Chemistry Chemistry of the carbon compounds, both aliphatic and aromatic, emphasizing underlying concepts.
  - Prerequisite: CHEM 1B (with a grade of “C” or better; “C−” not accepted).
  - 3 units

- CHEM 001B. General Chemistry Topics including stoichiometry, colligative properties, kinetics, equilibria, thermodynamics and electrochemistry. Lab program complements lecture.
  - Prerequisite: CHEM 001A (with a grade of “C” or better; “C−” not accepted).

- CHEM 001A. General Chemistry Topics including stoichiometry, reactions, atomic structure, periodicity, bonding, states of matter, energy changes, solutions using organic and inorganic examples. Lab program complements lecture.
Learning To Adapt by Understanding Your Learning Preferences
Lecture Styles

- Instructors have a typical pattern, which they follow in their lectures.

- If a student can successfully recognize this pattern, they will be able to listen and structure notes more effectively.
Types of lecture formats:

(I) Inductive – begins with a small fact, building upon that to a major conclusion.

(D) Deductive – starts with a major point and gradually defends that point down to the smallest fact.

(C) Chronological – organized according to time, often earliest to most recent.

(S) Spatial – uses diagrams, maps, or pictures to guide the direction of the lecture.

(L) Logical – follows some sequence of events or steps in an evolutionary manner.

(T) Topical – presents several content areas with no apparent connection.
Because of combinations of factors about the student, the instructor, the classroom conditions and the constantly varying information, success strategies for one class will rarely be exactly the same as for another.

Therefore understanding your own learning preferences will be helpful in allowing you to develop success strategies which will enable you to be successful in courses that may contain instructors whose lecture style does not necessarily complement your learning preference.
Complete pages 37–53 in the reader