

# ASSOCIATE IN SCIENCE DEGREE

## Engineering

Transfer Preparation\* (Major Code: 01565)

Provides a student the opportunity to complete all of the lower-division courses required for transfer to a university to pursue a degree in engineering. Designed to prepare a student for a professional career in industry, business, or government. The core courses provide the technical knowledge and skills for students who are interested in aerospace, chemical, mechanical, or nuclear engineering.

Students entering the engineering program as freshmen will be building upon their high school mathematics and physical science background. High school preparation should include algebra, geometry and trigonometry, chemistry, physics, and a course in technical drafting.

### First Semester

CHEM 200	General Chemistry I	5
ENGR 110	Engineering Design and Graphics	3
MATH 250	Analytic Geometry and Calculus I	5

### Second Semester

ENGR 120C	Engineering Problem Analysis—C/C++ Language	3
MATH 251	Analytic Geometry and Calculus II	4
PHYS 270	Principles of Physics I	3

### Third Semester

ENGR 250	Engineering Statics	3
MATH 252	Analytic Geometry and Calculus III	4
PHYS 272	Principles of Physics II	3
PHYS 273	Principles of Physics Laboratory II	1

### Fourth Semester

ENGR 204	Engineering Dynamics for Electrical Engineers (1.5)	
	OR	1.5–3
ENGR 251	Engineering Dynamics (3)	
ENGR 270	Electrical Circuits	3
PHYS 274	Principles of Physics III	3
PHYS 275	Principles of Physics Laboratory III	1

**Total units** 42.5-44

Recommended Elective: ENGR 101.

To earn an associate degree, additional general education and graduation requirements must be completed. See page 49.

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The program outlined fulfills the requirements for San Diego State University and the California State University system.

# English

## School of Language and Literature

**Dean** Joel M. Levine, Ed.D., Office 430F, 619-482-6349

**Faculty** Joyce Bayles, M.A.; John Randall Beach, M.A.; Francisco Bustos, M.F.A.; Heather Eudy, M.F.A.; Dagmar Fields, M.A.; Elisa Hedrick, M.A.; Noreen Maddox, M.A.; Cynthia McDaniel, Ed.D.; Kathy Parrish, M.A.; Lynn Pollock, M.A.; John Rieder, M.A., C.Phil.; Andrew Rempt, M.A.; Tracy Schaelen, M.A.; Claire Villalpando-Utgaard, M.A.; Michael Wickert, M.F.A.; Leslie Yoder, M.A., C.Phil.; Susan Yonker, M.A.

**Department Chair** Leslie Yoder, M.A., C.Phil.

### General Description

The English majors focus on the study of the language and literature of English. Majors explore the grammar and prose of the English language including expository, argumentative, and creative writing, critical and analytical reading, and literary genres (fiction, nonfiction, poetry, drama) and modes (comedy, tragedy, satire, and romance).

### Career Options

Below is a sample of the career options available for the English major. A few of these require an associate in arts degree, most require a bachelor's degree, and some require a graduate-level degree: writer, poet, journalist, literary or film critic, high school or college instructor, film or television scriptwriter, lawyer, public relations person, technical writer, tutor, interpreter, writing consultant, methods analyst, program developer, grant writer, legislative assistant, civil servant, columnist, business administrator, and advertising agent.

### Degree/Certificate Options

### Major Code

#### Associate in Arts Degree: Transfer Preparation

English	01405
Literature	A1400
English (SB 1440)	01406

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

# ASSOCIATE IN ARTS DEGREE

## English

Transfer Preparation \* (Major Code: 01405)

Designed to develop language skills for reading and writing. The study and analysis of literature provide contact with exemplary works of various cultures, genres, and historical periods. Composition courses develop the skills for effective communication, mental discipline, organization, coherence, and proper form. The student who is not prepared to enter courses numbered 115 and above should consult a counselor to plan a program designed to improve his/her English skills.

These courses parallel the CSU lower-division requirements for the bachelor's degree in English. It is strongly recommended that students who are planning to transfer into the CSU system as English majors follow this plan.

ENGL 115	Reading and Composition: Exposition and Argumentation	4
ENGL 116	Critical Thinking and Composition	4
ENGL 240	English Literature	3
ENGL 241	English Literature II	3
Complete 6 units from electives		6

**Total units** **20**

Electives: Complete 3 units from each group.

### Group 1:

ENGL 220, 230, 231, 270.

### Group 2:

ENGL 117A, 170A, 172A, 250, 251.

*Note: Additional electives are required if any of the program courses are used to complete general education requirements.*

SDSU also requires three consecutive courses in a single foreign language as part of the requirement for the bachelor's degree. Foreign language competency may also be demonstrated by successfully completing four years of one foreign language in high school or by successfully completing a challenge examination. See a counselor for additional information.

*To earn an associate degree, additional general education and graduation requirements must be completed. See page 49.*

- \* Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change. Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center. See catalog TRANSFER COURSES INFORMATION section on page 32 for further information.

## English (SB 1440) Student Transfer Achievement Reform (STAR) Act (SB1440)

Transfer Preparation \* (Major Code: 01406)



Associate Degree  
for Transfer  
*A Degree with a Guarantee.™*

Designed to develop language skills for reading and writing. The study and analysis of literature provide contact with exemplary works of various cultures, genres, and historical periods. Writing courses develop the skills for effective written communication across a range of genres. This degree satisfies the requirements of the STAR Act for transfer to the CSU system.

### Required Core (7 units)

ENGL 220	Introduction to Literature	3
ENGL 116	Critical Thinking and Composition	4

### List A: Select two courses (6 units)

ENGL 230	World Literature I	3
ENGL 231	World Literature II	3
ENGL 240	English Literature I	3
ENGL 241	English Literature II	3
ENGL 250	American Literature I	3
ENGL 251	American Literature II	3

### List B: Select one course (select 3 units: any course from List A not already used)

ENGL 250	American Literature I	3
ENGL 251	American Literature II	3
ENGL 240	English Literature I	3
ENGL 241	English Literature II	3
ENGL 230	World Literature I	3
ENGL 231	World Literature II	3
ENGL 117A	Creative Writing I	3

### List C: Select one course (select 3-5 units: any course from List A or B not used above, or a course below)

ENGL 117A	Creative Writing	3
ENGL 170A	Advanced Creative Writing: Fiction I	3
ENGL 172A	Advanced Creative Writing: Poetry	3
ENGL 250	American Literature I	3
ENGL 251	American Literature II	3
ENGL 240	English Literature I	3
ENGL 241	English Literature II	3
ENGL 230	World Literature I	3
ENGL 231	World Literature II	3
ASL 120	American Sign Language I	4
ASL 130	American Sign Language II	4
CHIN 101	Mandarin Chinese I	5
CHIN 102	Mandarin Chinese II	5
FIL 101	Elementary Filipino I	5
FIL 102	Elementary Filipino II	5
FIL 201	Intermediate Filipino II	5
FREN 101	Elementary French I	5
FREN 101	Elementary French II	5
FREN 201	Intermediate French I	5
FREN 202	Intermediate French II	5
ITAL 101	Elementary Italian I	5
ITAL 102	Elementary Italian II	5
ITAL 201	Intermediate Italian I	5
ITAL 202	Intermediate Italian II	5
JPN 101	Beginning Japanese I	5



Some courses within this program may require additional coursework that must be completed prior to enrollment in those courses. Please consult the individual course listings for prerequisites and any other limitations on enrollment.

JPN 101A	Introductory Elementary Japanese	3
JPN 101B	Continuation of Elementary Japanese	3
JPN 102	Beginning Japanese II	5
JPN 201	Intermediate Japanese I	5
JPN 202	Intermediate Japanese II	5
PORT 101	Elementary Portuguese I	5
PORT 102	Elementary Portuguese II	5
SPAN 101	Elementary Spanish I	5
SPAN 101A	Introduction to Elementary Spanish	3
SPAN 101B	Continuation of Elementary Spanish	3
SPAN 102	Elementary Spanish II	5
SPAN 201	Intermediate Spanish I	5
SPAN 202	Intermediate Spanish II	5
SPAN 215	Spanish for Bilinguals I	5
SPAN 216	Spanish for Bilinguals II	5
SPAN 221	Introduction to Literature for Bilinguals	5
SPAN 225	Intermediate Conversation and Writing on Spanish Culture	3
SPAN 226	Intermediate Conversation and Writing on Latin American Culture	3
TA 101	Introduction to the Theatre	3
<b>Total units</b>		<b>19–20</b>

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## Literature

### Transfer Preparation \* (Major Code: A1400)

Designed to develop reading and writing skills. The required composition courses focus on techniques for effective communication and creative expression. The literature offerings include the traditional survey courses as well as specialized courses focusing on various topics, styles, and genres.

ENGL 115	Reading and Composition: Exposition and Argumentation	4
ENGL 116	Critical Thinking and Composition	4
ENGL 220	Introduction to Literature	3
Complete 9 units from electives		9

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**Total units** **20**

**Electives:** Complete 3–6 units from each group.

**Group 1:**

ENGL 230, 231, 240, 241, 250, 251.

**Group 2:**

ENGL 117A, 170A, 172A, 175A, 225, 255, 260, 265, 270, 271, 272, 280.

*Note: Additional electives required if ENGL 115 and/or ENGL 116 are needed to complete general education requirements and if any of the program courses are used to complete general education requirements.*

SDSU also requires three consecutive courses in a single foreign language as part of the requirement for the bachelor's degree. Foreign language competency may also be demonstrated by successfully completing four years of one foreign language in high school or by successfully completing a challenge examination. See a counselor for additional information.

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