## Program Student Learning Outcome Statement

- Develop mathematical skills, acquire engineering knowledge, and practice applying these skills and knowledge to engineering problems.

### FIRST SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 200</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>ENGR 110</td>
<td>Engineering Design and Graphics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 250</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
</tbody>
</table>

### SECOND SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 120C</td>
<td>Engineering Problem Analysis—C/C++ Language</td>
<td>3</td>
</tr>
<tr>
<td>MATH 251</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 270</td>
<td>Principles of Physics I</td>
<td>3</td>
</tr>
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</table>

### THIRD SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ENGR 250</td>
<td>Engineering Statics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 252</td>
<td>Analytic Geometry and Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 272</td>
<td>Principles of Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 273</td>
<td>Principles of Physics Laboratory II</td>
<td>1</td>
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</table>

### FOURTH SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 204</td>
<td>Engineering Dynamics for Electrical Engineers (1.5)</td>
<td>1.5–3</td>
</tr>
<tr>
<td>ENGR 251</td>
<td>Engineering Dynamics (3)</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 270</td>
<td>Electrical Circuits</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 274</td>
<td>Principles of Physics III</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 275</td>
<td>Principles of Physics Laboratory III</td>
<td>1</td>
</tr>
</tbody>
</table>

**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 64.

* 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 45 for further information.

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

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### ENGLISH

#### SCHOOL OF LANGUAGE, LITERATURE, AND HUMANITIES

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


**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

<table>
<thead>
<tr>
<th>Degree/Certificate Options</th>
<th>Major Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Associate in Arts Degree: Transfer Preparation</strong></td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>01405</td>
</tr>
<tr>
<td>English (SB 1440)</td>
<td>01406</td>
</tr>
<tr>
<td>Literature</td>
<td>A1400</td>
</tr>
</tbody>
</table>

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

ASSOCIATE IN ARTS DEGREE
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.

Program Student Learning Outcome Statement

• Analyze arguments concerning historical and contemporary issues and evaluate validity in written and oral discourse.

ENGL 115  College Composition: Reading and Writing Analytically  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 120, 130, 140, 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 64.

* 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 45 for further information.

ENGLISH (SB 1440)

STUDENT TRANSFER ACHIEVEMENT REFORM (STAR) ACT (SB1440)

ASSOCIATE IN ARTS DEGREE
TRANSFER PREPARATION * (MAJOR CODE: 01406)

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.

Program Student Learning Outcome Statement

• Analyze arguments concerning historical and contemporary issues and evaluate validity in written and oral discourse.

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 below or any course from List A not already used (3 units)
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 120  Creative Writing I (3)

Some courses within this program may require additional coursework that must be completed prior to enrollment in these courses. Please consult the individual course listings for prerequisites and any other limitations on enrollment.
LIST C: select one course below or any course from List A or B not already used (3–5 units) 3–5
ENGL 120 Creative Writing I (3)
ENGL 130 Advanced Creative Writing: Fiction I (3)
ENGL 140 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 I (5)
FREN 101 Elementary French I (5)
FREN 102 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)
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)

Total units 19–21

* 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 45 for further information.

The program below is undergoing modification and the modification will be placed into an addendum upon Chancellor's Office approval - see your counselor for further information and visit the college website under http://www.swccd.edu/catalog link for the latest addenda updates.

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LITERATURE

ASSOCIATE IN ARTS DEGREE
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.

Program Student Learning Outcome Statement

- Discuss and produce analytical writing using critical thinking and logical reasoning techniques concerning major ideas and themes in literature.

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

Total units 20

Electives: Complete 3–6 units from each group.

Group 1:

Group 2:

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.

To earn an associate degree, additional general education and graduation requirements must be completed. See page 64.
ENGLISH AS A SECOND LANGUAGE

SCHOOL OF LANGUAGE, LITERATURE, AND HUMANITIES

DEAN: Joel M. Levine, Ed.D., Office 430F, 619-482-6349
DEPARTMENT CHAIR: Surian Figueroa, M.A.
ESL STUDENT ADVOCATE: Angelina Barrera, Office 436A, 619-421-6700 ext. 5549

GENERAL DESCRIPTION

All ESL courses are designed for students whose native language is a language other than English or those who speak some English at home but feel they need to strengthen their English skills in order to prepare for entry into college academic or vocational programs and to interact effectively in their community. Southwestern College offers the following two ESL programs and ESL courses:

- **Academic ESL Program** (for students with academic goals) consists of the following courses: ESL 29D, ESL 29E, ESL 39D, ESL 39E, ESL 49D, ESL 49E, ESL 159A and ESL 159B. Please see the Course Description Section towards the back of this catalog to know more about each course.

- **Spanish-to-English Program** (specific ESL classes designed to support the Child Development Certificate Program) consists of the following courses: ESL 27A, ESL 27B, ESL 27C and ESL 27D and other Child Development courses. Please see the Course Description Section towards the back of this catalog to know more about each course.

- **Everyday ESL courses** (for students who want to use English around the community where they live, work or study) consist of the courses that can be taken independently such as: ESL 15, ESL 16, ESL 17, ESL 18, ESL 19A1, ESL 19A2, ESL 19B1, ESL 20, ESL 30, ESL 40, ESL 55, ESL 56, ESL 57, ESL 58, ESL 103, and ESL 104. Please see the Course Description Section towards the back of this catalog to know more about each course.

CAREER OPTIONS

Today, there are many career choices for people who can communicate effectively in more than one language. The world is a global community where employment opportunities for educated individuals can span more than one continent, several countries, and many different cultures. Career options are available at entry-level through more advanced positions in business, industry, education, and government.

ACADEMIC ESL PROGRAM

The Academic ESL Program is designed to prepare students for transfer into academic programs at Southwestern College. Academic ESL classes focus on academic reading, writing, speaking, listening, grammar, and vocabulary. This program incorporates academic themes and concepts from various disciplines and emphasizes academic skills. Please note: No ESL Placement Assessment is required for the First Level of the Academic ESL Program; entry into higher levels of the Academic ESL Program requires an ESL Placement Assessment, which will determine which level of the program is best for the student.

**FIRST LEVEL**

ESL 29D  Academic ESL Speaking, Listening and Grammar I  5
ESL 29E  Academic ESL Reading, Writing, and Grammar I  5

**SECOND LEVEL**

ESL 39D  Academic ESL Speaking, Listening, and Grammar II  5
ESL 39E  Academic ESL Reading, Writing, and Grammar II  5

**THIRD LEVEL**

ESL 49D  Academic ESL Speaking, Listening, and Grammar III  5
ESL 49E  Academic ESL Reading, Writing, and Grammar III  5

**FOURTH LEVEL**

ESL 159A  Academic ESL Advanced Reading and Grammar IV  4
ESL 159B  Academic ESL Advanced Writing and Grammar IV  5

**Total units**  39

SPANISH TO ENGLISH PROGRAM

Spanish-to-English ESL courses are specifically designed to help students acquire English necessary for communication and writing in the Child Development field. Please note: Students who want to take Spanish-to-English classes must be enrolled in the Spanish-To-English Child Development Associate Teacher’s Certificate Program. If interested, contact the Child Development Program to enroll.

EVERYDAY ESL COURSES

Everyday ESL courses are designed for students who wish to improve their English skills for everyday purposes and for daily or informal communication. Some classes focus on a specific language skill, like pronunciation or grammar, and are at a low or intermediate level. Please note: Everyday ESL courses are not required for entry into the Academic ESL Program. In addition, the ESL Placement Assessment is not required for these classes.

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