ENGR 235  Engineering Mechanics – Statics  (3)
3 hours lecture  
Prerequisite: A minimum grade of ‘C’ in PHYS 230 and MATH 140  
Transfer acceptability: CSU; UC  
Force systems and equilibrium conditions. Engineering problems covering structures, machines, distributed forces, and friction. Graphical and algebraic solutions, and vectorial analysis.

ENGR 236  Engineering Mechanics – Dynamics  (3)
3 hours lecture  
Prerequisite: A minimum grade of ‘C’ in ENGR 235  
Transfer acceptability: CSU; UC  
Fundamental principles of bodies in motion; kinetics and kinematics of particles; system of particles; central force; work and energy; linear and angular momentum; moments and products of inertia; vibrations and time response; engineering applications.

ENGR 245  Properties of Materials  (4)
3 hours lecture - 3 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in CHEM 110 and 110L  
Transfer acceptability: CSU; UC  
Physical properties of engineering materials. Atomic, molecular, and crystal lattice characteristics. Relations between these and mechanical, thermal, electrical, corrosion, and radiation properties. Metallic, ceramic, polymer, and agglomerate materials. Selection, treatment, and use of materials.

ENGR 295  Directed Study in Engineering  (1, 2, 3)
3, 6, or 9 hours laboratory  
Prerequisite: Approval of project or research by department chairperson  
Transfer acceptability: CSU; UC  
Designed for the student who has demonstrated a proficiency in engineering subjects and the initiative to work independently on a particular sustained project which does not fit into the context of regularly scheduled classes.

English (ENG)

Contact the English Department for further information.  
(760) 744-1150, ext. 2392  
Office: P-2

Associate in Arts Degrees -  
AA Degree requirements are listed in Section 6 (green pages).  
• English

PROGRAM OF STUDY

English

Focuses on the English language and literatures in English. Provides the background for students to succeed in diverse fields, such as advertising and marketing, teaching, journalism and telecommunications, law, technical writing, and business administration. Prepares students for upper division course work in English. For specific transfer requirements, the student should consult an academic counselor or the catalog for the school to which he or she wishes to transfer.

AA DEGREE MAJOR

Program Requirements  

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENG 205 and ENG 206</td>
<td>3</td>
</tr>
<tr>
<td>ENG 202 or ENG 203</td>
<td>Critical Thinking /Composition</td>
</tr>
<tr>
<td>ENG 204</td>
<td>Critical Thinking/Composition Through Literature</td>
</tr>
</tbody>
</table>

Literature Surveys (Select 9 Units)  

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 210</td>
<td>Survey of British Literature I</td>
</tr>
<tr>
<td>ENG 211</td>
<td>Survey of British Literature II</td>
</tr>
<tr>
<td>ENG 220</td>
<td>Survey of World Literature I</td>
</tr>
<tr>
<td>ENG 221</td>
<td>Survey of World Literature II</td>
</tr>
<tr>
<td>ENG 222</td>
<td>Literature of the United States I</td>
</tr>
<tr>
<td>ENG 223</td>
<td>Literature of the United States II</td>
</tr>
</tbody>
</table>

Elective Courses (Select 2 courses) Any of the above courses not previously taken or pick from the following:  

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 135</td>
<td>Introduction to Creative Writing</td>
</tr>
<tr>
<td>ENG 136</td>
<td>Intermediate Creative Writing</td>
</tr>
<tr>
<td>ENG 137</td>
<td>The Literary Magazine: History/Production</td>
</tr>
<tr>
<td>ENG 215</td>
<td>Introduction to the British Novel</td>
</tr>
<tr>
<td>ENG 230</td>
<td>Introduction to the American Novel</td>
</tr>
<tr>
<td>ENG 240</td>
<td>Introduction to Classical Mythology</td>
</tr>
<tr>
<td>ENG 245</td>
<td>Survey of Biblical Literature</td>
</tr>
<tr>
<td>ENG 250</td>
<td>Introduction to Shakespeare</td>
</tr>
<tr>
<td>ENG 255</td>
<td>Literature and Ideas</td>
</tr>
<tr>
<td>ENG 260</td>
<td>Literature Through Film</td>
</tr>
<tr>
<td>ENG 265</td>
<td>Science Fiction</td>
</tr>
<tr>
<td>ENG 270</td>
<td>Popular Literature</td>
</tr>
<tr>
<td>ENG 280</td>
<td>Women and Literature</td>
</tr>
<tr>
<td>ENG 290</td>
<td>Comic Books as Literature</td>
</tr>
</tbody>
</table>

TOTAL UNITS  22 - 24

COURSE OFFERINGS

Any student wishing to earn an A.A. degree must complete ENG 100 with a grade of ‘C’ or better. The student must participate in the English placement process before enrolling in any English or English as a Second Language composition class except ENG 10 and 150. The eligibility will indicate whether the student may enroll in ENG 50 or ENG 100. Students whose first language is not English may find, however, that ESL instruction meets their needs better than immediate enrollment in ENG 50 or 100. Such students may take one or more ESL classes (ESL 101, 102, 103) instead; then by again participating in the placement process, they may qualify for ENG 50 or 100. Non resident international students may be required to take one or more classes of English as a Second Language. Students should sign up for English assessment as soon as possible because some students may take three or more semesters to finish the competence requirement in English. Please contact the Counseling Department for the English assessment schedule.

Courses numbered under 50 are non-degree courses. Courses numbered under 100 are not intended for transfer credit.

ENG 10  English Essentials  (4)
4 hours lecture  
Note: A grade of ‘C’ or better is required for eligibility for ENG 50  
Non-degree Applicable  
Offers basic instruction in grammar, usage, mechanics, sentence structure, and paragraph and essay development.

ENG 50  Introductory Composition  (4)
4 hours lecture  
Recommended preparation: Eligibility for or concurrent enrollment in READ 50  
Prerequisite: ENG 10 or eligibility determined through the English placement process  
Note: A grade of ‘C’ or better is required for eligibility for ENG 100  
A writing course for the student who wants to develop fundamental essay writing skills, acquire an A.A. degree, or enter a transfer program, but who needs further preparation in composition skills.

ENG 97  English Topics  (1-4)
Units awarded in topics courses are dependent upon the number of lecture hours required of the student. Refer to Class Schedule.  
Topics in English. See class schedule for specific topic covered. Course title will designate subject covered.

ENG 100  English Composition  (4)
4 hours lecture  
Prerequisite: A minimum grade of ‘C’ in ENG 50 or eligibility determined through the English placement process  
Note: May not be taken for Pass/No Pass grading  
Transfer acceptability: CSU; UC  
Practice in expository and argumentative writing based on analytical reading and critical thinking. Topics include methods of invention, organization and development, principles of basic research, and the elements of style.

See Catalog addendum at http://www.palomar.edu/catalog
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisite/Transfer Acceptability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 135</td>
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<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 150</td>
<td>Introduction to Linguistics</td>
<td>3</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 197</td>
<td>English Topics</td>
<td>1-4</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 202</td>
<td>Critical Thinking and Composition</td>
<td>4</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 203</td>
<td>Critical Thinking and Composition Through Literature</td>
<td>4</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 205</td>
<td>Introduction to Literature</td>
<td>3</td>
<td>ENG 100</td>
</tr>
<tr>
<td>ENG 210</td>
<td>Survey of British Literature I</td>
<td>3</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 211</td>
<td>Survey of British Literature II</td>
<td>3</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 215</td>
<td>Introduction to the British Novel</td>
<td>3</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
<tr>
<td>ENG 220</td>
<td>Survey of World Literature I</td>
<td>3</td>
<td>ENG 50 or Eligibility for ENG 100, as determined through the English placement process</td>
</tr>
</tbody>
</table>
ENG 221 Survey of World Literature II (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
C-ID ENGL 145  
A survey of the major literatures of Europe, Asia, the Americas, Africa, and Australia from about 1600 to the present. A comparative study of literary themes and influences will be pursued.

ENG 225 Literature of the United States I (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
Significant texts written in the territories that would become the United States, from the pre-colonial period to the Civil War; considers a variety of literary genres and trends, with a focus on such issues as the interaction of texts and history, the expansion and politics of the literary canon, and the influence of the cultural contexts in which the literature of the United States is written and interpreted.

ENG 226 Literature of the United States II (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
Significant texts written in the United States from the Civil War to the present; considers a variety of literary genres and trends, with a focus on such issues as the interaction of texts and history, the expansion and politics of the literary canon, and the influence of the cultural contexts in which the literature of the United States is written and interpreted.

ENG 230 Introduction to the American Novel (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
A study of the development of the American novel through reading such writers as Nathaniel Hawthorne, Louisa May Alcott, Herman Melville, Mark Twain, Henry James, Elizabeth Stewart Phelps, Kate Chopin, William Faulkner, Ernest Hemingway, Nella Larsen, Bernard Malamud, Zora Neale Hurston, Willa Cather, Ralph Ellison, Thomas Pynchon, Toni Morrison, Maxine Hong Kingston, Louise Erdrich, and James Baldwin.

ENG 240 Introduction to Classical Mythology (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
A study of the meaning and function of myth in the classical literature of Ancient Greece and Rome. Read translations of representative epic, poetic, and dramatic literature of Hesiod, Homer, Aeschylus, Sophocles, Euripides, Aristophanes, Vergil, and Ovid. An examination of the cultures which helped shape the literature and values with us today.

ENG 245 Survey of Biblical Literature (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
An introduction to the study of the Bible in English as an anthology of literary types and genres: stories, poetry, proverbs, gospels, parables, epistles, satire, and visionary literature.

ENG 250 Introduction to Shakespeare (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
Introduction to the life, times, background, poems, and plays of William Shakespeare.

ENG 255 Literature and Ideas (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
An introduction to selected major philosophical ideas, questions, and attitudes in significant literature of the world, from the ancient world to the present. The course will trace treatment of a thematic idea through literature of particular times and cultures. Recommended for English and Philosophy majors, and for those interested in broadening their background in the humanities.

ENG 260 Literature Through Film (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
Analysis of the expectations and conventions used in literature -- novels, short stories, dramas -- and how those expectations and conventions are affected when they are translated into film. Critical analysis of the various works and comparison/contrast of the different interpretations of these ideas will be stressed.

ENG 265 Science Fiction (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Note: Graded only  
Transfer acceptability: CSU; UC  
An introduction to science fiction - its major authors and stories, themes, trends, and cultural impact.

ENG 270 Popular Literature (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
An introduction to one genre of popular literature such as science fiction, fantasy, detective fiction, war fiction, humor, or western literature using short stories and novels, and how these works are affected by the expectations, and conventions of the genre in which the author is writing.

ENG 280 Women and Literature (3) 3 hours lecture  
Prerequisite: ENG 50 or Eligibility for ENG 100, as determined through the English placement process  
Transfer acceptability: CSU; UC  
Examines from a multicultural perspective women's relationship to literature. Examines what it means to be a "woman" writer, exploring historical and cultural conditions that have shaped women's relationship to literature. Explores gender stereotypes in literature by and about women and analyzes the ways in which women writers engage with, resist, and/or subvert dominant ideas about gender in literature.
English as a Second Language (ESL)

Contact the English as a Second Language Department for further information. (760) 744-1150, ext. 2272
Office: A-17

Any student wishing to earn an A.A. degree must complete ENG 100 with a grade of ‘C’ or better.

Students whose first language is not English are advised to participate in an English placement process given by the English as a Second Language Department before enrolling in any English or English as a Second Language class. The assessment process will determine which level is appropriate for the student.

COURSE OFFERINGS

Courses numbered under 50 are non-degree courses.
Courses numbered under 100 are not intended for transfer credit.

The following courses are for students whose first language is not English.

ESL 9  English Pronunciation I (3)
3 hours lecture
Non-degree Applicable
Development of students’ ability to identify and replicate English intonation, stress patterns, and certain common word combinations as they are pronounced in informal speech.

ESL 10  English Pronunciation II (3)
3 hours lecture
Non-degree Applicable
Identifies standard spoken American English intonation, stress and rhythm sounds. Provides practice to retrain the speech organs to produce those sounds. Emphasis on self correction of speech problems.

ESL 12  ESL Grammar Skills I (3)
3 hours lecture
Non-degree Applicable
Instruction in editing of written material by applying conventions of standard written English.

ESL 13  ESL Grammar Skills II (3)
3 hours lecture
Non-degree Applicable
Instruction in editing of written material by applying conventions of standard written English.

ESL 14  ESL Grammar Skills III (3)
3 hours lecture
Non-degree Applicable
Instruction in editing of written material by applying conventions of standard written English.

ESL 20  Academic Speaking and Listening (3)
3 hours lecture
Recommended preparation: N ESL 303 or eligibility determined through the English as a Second Language placement process
Non-degree Applicable

develops speaking and listening skills necessary for non-native speakers of English to be successful in the college environment. This class emphasizes linguistic and interpersonal skills in order for participation in discussions and performance of tasks in personal, academic, and formal or informal situations. Vocabulary, conversation strategies, presentation techniques, and strategies for notetaking and listening for main ideas and details are introduced within interesting and meaningful contexts.

ESL 30  Intermediate ESL I (1, 1½, 2, 2½, 3, 3½, or 4 hours lecture - 3, 4½, 6, 7½, 9, 10½, or 12 hours laboratory)
Prerequisite: A minimum grade of ‘C’ in ESL 34 or eligibility determined through the English as a Second Language placement process
Non-degree Applicable
Listening, speaking, reading, and writing skills for non-native speakers of English at the low-intermediate level.

ESL 35  Intermediate ESL II (1, 1½, 2, 2½, 3, 3½, or 4 hours lecture - 3, 4½, 6, 7½, 9, 10½, or 12 hours laboratory)
Prerequisite: A minimum grade of ‘C’ in ESL 34 or eligibility determined through the English as a Second Language placement process
Non-degree Applicable
Listening, speaking, reading, and writing skills for non-native speakers of English at the mid-intermediate level.

ESL 36  Intermediate ESL III (1, 1½, 2, 2½, 3, 3½, or 4 hours lecture - 3, 4½, 6, 7½, 9, 10½, or 12 hours laboratory)
Prerequisite: A minimum grade of ‘C’ in ESL 34 or eligibility determined through the English as a Second Language placement process
Non-degree Applicable
Listening, speaking, reading, and writing skills for non-native speakers of English at the high-intermediate level.

ESL 40  Introduction to Academic Reading and Writing (2)
2 hours lecture
Non-degree Applicable
A multilevel reading and writing course designed to help students improve their reading and writing skills. This course will provide a review of grammar, paragraph organization and development, and the conventions of academic writing. It will also address reading strategies such as using textual cues to aid comprehension, finding a balance between speed and accuracy, and vocabulary building.

ESL 45  Reading and Writing Essentials I (5)
5 hours lecture
Non-degree Applicable
A beginning course in reading and writing academic English for students whose first language is not English. Offers instruction in reading skills, basic grammar usage, paragraph organization and development, and appropriate basic vocabulary for academic reading and writing.

ESL 55  Reading and Writing Essentials II (5)
5 hours lecture
Prerequisite: A minimum grade of ‘C’ in ESL 35 or ESL 45, or eligibility determined through the English as a Second Language placement process
An intermediate course in reading and writing academic English for students whose language is not English. Introduces analytical skills and critical thinking through reading, word level, and sentence level grammar as it applies to academic writing, paragraph organization and development, and appropriate vocabulary for academic writing.