

# Orange Coast College

## Associate in Science Graduation Requirements 2015-2016

*In spring 2008, Orange Coast College converted to a new database as part of the Coast Community College District. As a result, an "A" was added to all the course numbers (i.e., ENGL 100 changed to ENGL A100). The official transcript will show the letter "A" preceding the course number for all courses since 1989, even though the actual change did not occur until spring 2008.*

Orange Coast College grants the degree of Associate in Science. Students who complete an approved career program or a discipline major listed below are eligible for this degree.

Transfer students following the CSU General Education Breadth Requirements (CSU GE) should select courses in **bold** print.

Transfer students following the Intersegmental General Education Transfer Curriculum (IGETC) should select courses designated with an asterisk (\*).

Courses designated with an asterisk(\*) and in **bold** will satisfy either transfer pattern.

Credit will be granted only once for courses that are repeatable.

In accordance with law and with rules and regulations of the Board of Governors of the California Community Colleges and the Board of Trustees of the Coast Community College District, the requirements for the degree of Associate in Science include the following:

### 1. UNIT REQUIREMENT:

60 units with at least a 2.0 grade point average. At least 12 of the units must be earned at OCC and a student must be enrolled at the time of application for graduation. Units earned at an accredited college or university on a credit/no credit basis will be counted toward the degree requirements of the college, to a maximum of 15 units.

### 2. MAJOR REQUIREMENT:

This requirement can be satisfied in one of the following ways:

- A. All courses required in a career program approved for the AS degree (see list in the Career Programs section of the catalog) **OR**
- B. At least 18 semester units of study taken from the approved list of courses for the following disciplines:

Architecture	Food and Nutrition
Biology	Geology
Business	Horticulture
Chemistry	Mathematics
Computer Info Systems	Natural Science
Computer Programming	Physics
Engineering	

If a student chooses this option, a plan must be developed with a counselor and placed on file in the student's counseling folder prior to petitioning for graduation. All courses must be numbered 100 or above.

### 3. MATHEMATICS REQUIREMENT:

Place at Math 100 level (or higher) on the math placement test administered by the OCC Assessment Center or successfully complete (grade of "C" or better or "credit") one of the following courses: Psychology 160, any math course except N005, N008, N009, N010, N020 and 220. Machine Technology 121, Technology 040 or 047 will not fulfill this requirement. Some of the courses listed in this requirement can also be used to satisfy Area A2 below.

### 4. GENERAL EDUCATION REQUIREMENT:

A minimum of 18 units distributed among the following. One course may not be used to meet two separate requirements.

#### AREA A – ENGLISH COMMUNICATION

6 semester units (or 8 quarter units) to include one course from A1 and one course from A2.

##### A1 English Composition

English **100\*** with a grade of "C" or better

##### A2 Communication and Analytical Thinking

Business 139

Computer Science 115

Communication Studies **100, 110\*, 220**

English **101\*, 101H\*, 102\*, 102H\*, 109\***

Mathematics **100, 103, 104, 106, 115\*, 120, 140\*,**

**155\*, 160\*, 160H\*, 170\*, 180\*, 180H\*, 182H\*, 185\*,**

**185H\*, 230\*, 235\*, 260\*, 280\*, 280H\*, 285\*, 285H\*, 290H\***

Philosophy **150\*, 155**

Philosophy/Mathematics **220**

Psychology **160\*, 270**

#### AREA B: PHYSICAL AND BIOLOGICAL SCIENCES

3 semester units (or 4 quarter units).

Anthropology **185\***

Astronomy **100\*, 100H\*, 101\*, 102\*, 103\***

Biology **100\*, 101\*, 125\*, 180\*, 180H\*, 182\*, 183\*, 185\*, 210\*, 220\*, 220H\*, 221\***

Chemistry **100\*, 110\*, 130\*, 180\***

Ecology **100\***

Food and Nutrition 195

Geography **130, 180\*, 180H\***

Geology **105\*, 105H\*, 106, 110\* 160\*, 180\*, 185\***

Health Education **100**

Marine Science **100\* 100H\*, 180\*, 185\***

Natural Science **100\*, 110, 112\***

Horticulture **100**

Physics **110\*, 120\*, 130\*, 185\***

Psychology **250\***

**AREA C: ARTS AND HUMANITIES**

6 semester units (or 8 quarter units) to include at least one course from C1 and one course from C2.

Psychology **100\***, **100H\***, **165\***, **185\***, **220\***, **260\***  
 Sociology **100\***, **100H\***, **105**, **110\***, **115\***, **150\***,  
**165\*(-F11)**, **185\***, **185H\***, **190\***

**C1 Arts**

Architectural Technology **290\***, **290H\***, **296\***, **296H\***  
 Art **100\***, **100H\***, **101\***, **101H\***, **102\***, **103\***, **104\***, **107\***,  
**108\***, **110\***, **120**, **120H**, **125**, **141**, **142A**, **145**,  
**147**, **150**, **263A**, **269**  
 Dance **101**, **102**, **106**, **107**, **108**, **110**, **115**, **116**, **117**,  
**118**, **120**, **125**, **128**, **130**, **133**, **135**, **136**, **137**, **138**,  
**139**, **142**, **143**, **144**, **145**, **146**, **147**, **148**, **149**, **150**,  
**160**, **170**, **200**, **211**  
 Digital Media Arts and Design **150\***, **181**  
 Film/Video **100\***, **103**, **110**, **150**  
 Humanities **100**  
 Interior Design **180**, **190**  
 Music **100\***, **105\***, **115\***, **139\***, **143\***, **170\***, **180\***  
 Photography **101**, **120** or **A120H**, **123**, **130\***  
 Theatre Arts **100\***, **101\***, **105\***, **106**, **110**, **170**

**C2 Humanities**

Anthropology **190**  
 Communications Studies **110**, **120**, **150**, **180\***  
 English **119**, **141\***, **141H\***, **143\***, **143H\***, **147\***, **147H\***,  
**148\***, **148H\***, **150\***, **150H\***, **151\***, **151H\***, **152\***,  
**152H\***, **156\***, **156H\***, **160\***, **160H\***, **161\***, **161H\***,  
**170\***, **170H\***, **172**, **173\***, **173H\***, **176\***, **176H\***, **180\***,  
**180H\***, **187\***, **187H\***, **270\***, **270H\***, **275\***, **275H\***  
 Ethnic Studies **100**, **150\***  
 French **180**, **180H**, **185\***, **185H**, **280\***, **285\***  
 Gender Studies **187\***  
 German **180**, **185\***, **280\***, **285\***  
 Hebrew **180**  
 History **100\***, **101\***, **110\***, **115\***, **128\***, **145\***, **150\***, **161\***,  
**161H\***, **162\***, **162H\***, **170\***, **170H\***, **175\***, **175H\***, **176**,  
**177\***, **179\***, **180\***, **180H\***, **185\***, **185H\***, **187\***, **190\***,  
**195\***  
 Humanities **100\***, **101\***, **101H\***  
 Italian **180**, **185\***, **280\***, **285\***  
 Japanese **180**, **185\***, **280\***, **285\***  
 Mathematics **220**  
 Philosophy **100\***, **110\***, **115\***, **118\***, **120\***, **165\***, **185\***,  
**220**  
 Psychology **105**, **150**, **255**  
 Religious Studies **100\***, **110\***, **115\***, **120\***, **130\***, **140\***,  
**150\***, **180\***  
 Spanish **180**, **185\***, **185H\***, **280\***, **280H\***, **285\***  
 Vietnamese **180**, **185\***

PETITION FOR GRADUATION: Students are required to petition for graduation at the beginning of the semester in which they will be completing their final requirements as follows:

**SUMMER GRADUATION**

Petition July 1 through August 1

**FALL GRADUATION**

Petition September 1 through November 1

**SPRING GRADUATION**

Petition January 2 through March 1

**AREA D: SOCIAL AND BEHAVIORAL SCIENCES**

3 semester units (or 4 quarter units).

American Studies **100**  
 Anthropology **100\***, **100H\***, **102\***, **105**, **110\***, **150\***,  
**190\***, **280\***, **285\***  
 Communication Studies **155\***, **165**  
 Economics **100\***, **110**, **170\***, **175\***, **177(-F09)**  
 Ethnic Studies **100\***, **150**, **190\***  
 Gender Studies **100\***, **120**, **130**, **150**, **165**, **187\***  
 Geography **100\***, **100H\***, **150**, **160\***, **185\***  
 Health Education **122**  
 History **100**, **101**, **110**, **115**, **128**, **145**, **161**, **161H**,  
**162**, **162H**, **170**, **170H**, **175**, **175H**, **177**, **179**, **180**,  
**180H**, **185**, **185H**, **187\***, **190**, **195**, **197**, **198**  
 Human Development **180\***  
 Political Science **101\***, **110\***, **180\***, **180H\***, **185\***