



## Associate in Science Transfer (AS-T) Degree Requirements

### Engineering/Computer Science/Physics/Atmospheric Sciences

#### 2014-2015 Degree Worksheet

Department	Course Number	Course Credits	Quarter Completed	Notes (see reverse side for list of appropriate classes)
<b>Communication</b>		5 Credits		
English				◆ Select either: ENGL& 101 <i>or</i> 102 (5 credits required).
<b>Math</b>		10 Credits		
				◆ Two course at or above calculus.
				◆ Select from: MATH& 151, 152, 153, 254, MATH 243, 255
<b>Humanities &amp; Social/ Behavioral Sciences</b>		15 Credits		
				◆ Complete at least one course from each of the two groups listed on the reverse side.
				◆ Courses must be selected from three different subject areas with a total of 15 credits required.
				◆ No more than 5 credits in any World Languages.
<b>Pre Major Courses 1. Science</b>		5 Credits		
				Refer to the reverse side.
				◆ Any Science based on program requirements <i>or</i> CHEM& 161 for Engineering majors
<b>Pre Major Courses 2. Math</b>		5 Credits		
				◆ Select either: MATH& 146 <i>or</i> 153 (5 credits required).
<b>Pre Major Courses 3. Computer Programming Language</b>		5 Credits		
				◆ As advised for specific discipline/institution.
<b>Pre Major Courses 4. Physics</b>		15 Credits		
				Select one of the following sequences:
				◆ PHYS& 121/131, 122/132, 123/133 <i>or</i>
				◆ PHYS& 221/231, 222/232, 223/233
<b>Electives</b> (Program Specific Under Advisement)		30 Credits		
				The remaining 30 quarter credits should be planned with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student selects to attend. For Engineering disciplines, these credits should include a design component consistent with ABET accreditation standards.
				**Some baccalaureate programs require physics with calculus.
				*** A single course cannot count in two areas.

**NOTICE:** For transferring students, 75 of the 90 credits must be fully transferable as defined by the Intercollegiate Relations Commission (ICRC) guidelines for the Direct Transfer Agreement to be honored by four-year institutions in Washington. A maximum of 15 elective credits may be professional/technical courses numbered 100 or above. Due to the specialized nature of many of the listed courses, students should consult their advisor and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.

**DISCLAIMER:** During the period this guide is in circulation, there may be curriculum revisions and program changes. Students are responsible for consulting the appropriate academic unit or advisor for current and specific information. The information in this guide is subject to change and does not constitute an agreement between the College and the student.

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## Engineering/Computer Science/Physics/Atmospheric Sciences

### 2014-2015 Degree Worksheet

#### Communication (5 credits)

- ◆ ENGL& 101 or 102

#### Math (10 credits)

- ◆ MATH& 151, 152, 153, 254, MATH 243, 255

#### Humanities / Social & Behavioral Science (15 credits)

**Complete at least one course from each of the following groups. Courses must be selected from three different subjects.**

##### Group 1:

- ◆ ART& 100, ART 116, 117, 118, 119, 120, 121
- ◆ CC 201, 202, 203
- ◆ CMST 221, 246
- ◆ DRMA& 101, DRMA 215
- ◆ ENGL& 111, 220, 236, 237, 244, 245, 246, 254, 255, 256, ENGL 140, 160, 180, 195, 203, 210, 257, 264, 265, 266, 280
- ◆ HIST& 126, 127, 128
- ◆ ICS 120, 125, 130, 135, 222
- ◆ MUSC& 105, MUSC 116
- ◆ PHIL& 101, PHIL 106, 131, 150
- ◆ WS 155, 160
- ◆ World Languages 121 & above (excluding conversational classes) All World Languages courses count as a single subject.
- ◆ EFL 101, 111

##### Group 2:

- ◆ PSYC& 100, 200, 220, PSYC 103, 201, 205, 209, 270
- ◆ SOC& 101, 201, SOC 110, 150, 269
- ◆ ANTH& 100, 204, 206, 234
- ◆ ECON& 201, 202, ECON 110, 291
- ◆ GEO 150
- ◆ HIST& 146, 147, 148, HIST 107, 108, 110, 111, 112, 113, 115, 116, 117, 233
- ◆ ICS 255
- ◆ POLS& 201, 202, 203, 204, POLS 104, 205
- ◆ SSCI 290/2901

#### Pre Major Courses (45-50 credits)

##### Pre major 1 (15 credits)

Any Science based on program requirements or CHEM& 161 for Engineering majors

##### Pre major 2 (5 credits)

- ◆ MATH& 146 or MATH& 153

##### Pre major 3 (5 credits)

As advised for specific discipline/institution

##### Pre major 4 (15 credits)

- ◆ PHYS& 121/131, 122/132, 123/133 or
- ◆ PHYS& 221/231, 222/232, 223/233

#### Electives (Program Specific Under Advisement)

The remaining 30 quarter credits should be planned with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student selects to attend. For Engineering disciplines, these credits should include a design component consistent with ABET accreditation standards.

\*\*Some baccalaureate programs require physics with calculus.

\*\*\* A single course cannot count in two areas.

Sequences of courses should be completed at one institution. Select courses based on the requirements or the specific discipline at the baccalaureate institution you plan to attend.

The Associate of Science degree does NOT guarantee that the student has met the general education requirements at the transfer baccalaureate institution.

#### NOTE:

- ◆ Required minimum credits 90.
- ◆ Required minimum cumulative GPA 2.0.
- ◆ At least one-third of the college-level, degree applicable credits must be taken at CBC.
- ◆ Depending on your major, some course choices may be more appropriate than others.
- ◆ Consult with your counselor or faculty advisor.

