ASSOCIATE IN SCIENCE (AS) 2014-15
Natural Science – Pre-Engineering
Graduation Checklist for Windward Community College
60 credits

To earn an Associate in Science (A.S.) Degree, Windward Community College students must complete 60 credits in courses numbered 100 or above with a grade-point average of at least 2.0. Credits must be earned in the required areas. The courses listed are 3 credits, except as noted in parentheses next to the entry.

This is not an official document. Use it to keep track of your academic progress. You are responsible for meeting your program and graduation requirements. Check catalog for course descriptions and course prerequisites. See your academic counselor if you need help.

FOUNDATIONS REQUIREMENTS:

<table>
<thead>
<tr>
<th>Written Communication (FW)</th>
<th>Global &amp; Multicultural Perspectives (FG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required: A total of 3 credits.</td>
<td>Required: A total of 6 credits; each course selected from 2 different groups.</td>
</tr>
<tr>
<td>___ENG 100</td>
<td>(FGA) ___HIST 151</td>
</tr>
<tr>
<td>___ART 104D</td>
<td>(FGB) ___HIST 152</td>
</tr>
<tr>
<td>___ART 105B</td>
<td>(FGC) ___REL 150 If taken at WCC Fall 2008 or later</td>
</tr>
</tbody>
</table>

SYMBOLIC REASONING (FS)
The Foundation FS requirement will be met by MATH 205 (requirement concentration course)

DIVERSIFICATION REQUIREMENTS:

ARTS, HUMANITIES, & LITERATURE: Required: A total of 3 credits.

Arts (DA)

<table>
<thead>
<tr>
<th>ART 101</th>
<th>ART 189</th>
<th>ENG 204A</th>
<th>MUS 121C (2)*</th>
<th>MUS 253</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 104D</td>
<td>ART 207</td>
<td>ENG 204B</td>
<td>MUS 121D (2)*</td>
<td>SP 151</td>
</tr>
<tr>
<td>ART 105B</td>
<td>ART 208</td>
<td>HUM 100</td>
<td>MUS 121F (2)*</td>
<td>SP 231</td>
</tr>
<tr>
<td>ART 105C</td>
<td>ART 213</td>
<td>HUM 269V (1-6)*</td>
<td>MUS 121Z (2)*</td>
<td>SP 251</td>
</tr>
<tr>
<td>ART 107</td>
<td>ART 214</td>
<td>HWST 130</td>
<td>MUS 122B (2)*</td>
<td>THEA 101</td>
</tr>
<tr>
<td>ART 108</td>
<td>ART 223</td>
<td>HWST 131</td>
<td>MUS 122C (2)*</td>
<td>THEA 211</td>
</tr>
<tr>
<td>ART 111</td>
<td>ART 224</td>
<td>HWST 135</td>
<td>MUS 122D (2)*</td>
<td>THEA 221</td>
</tr>
<tr>
<td>ART 113</td>
<td>ART 243</td>
<td>HWST 136</td>
<td>MUS 122F (2)*</td>
<td>THEA 222</td>
</tr>
<tr>
<td>ART 114</td>
<td>ART 244</td>
<td>HWST 137</td>
<td>MUS 122Z (2)*</td>
<td>THEA 240</td>
</tr>
<tr>
<td>ART 115</td>
<td>ART 251</td>
<td>MUS 108</td>
<td>MUS 130F (2)*</td>
<td>THEA 260</td>
</tr>
<tr>
<td>ART 116</td>
<td>ART 253</td>
<td>MUS 114 (1)*</td>
<td>MUS 221C (2)*</td>
<td></td>
</tr>
<tr>
<td>ART 123</td>
<td>ART 260</td>
<td>MUS 121B (2)*</td>
<td>MUS 222C (2)*</td>
<td></td>
</tr>
</tbody>
</table>

*Any combination that totals 3 credits will be considered the equivalent of one semester course.

Humanities (DH)

| ART 269V (1-6) | HIST 242 | HWST 270 | MUS 107 | REL 151 |
| ART 270 | HIST 281 | HWST 273 | MUS 166 | REL 201 |
| ART 280 | HIST 282 | HWST 275 | PHIL 100 | REL 202 |
| HIST 230 | HIST 284 | HWST 275L (1)* | PHIL 101 | REL 205 |
| HIST 231 | HWST 107 | HWST 285 (4) | PHIL 102 | REL 207 |
| HIST 232 | HWST 115 | LING 102 | PHIL 211 | |
| HIST 241 | HWST 255 | MUS 106 | PHIL 213 | |

Literature (DL)

| ENG 209 | ENG 270 | ENG 271 | ENG 272 |

SOCIAL SCIENCES (DS): Required: A total of 3 credits.

| ANTH 150 | FAMR 230 | POLS 120 | PSY 224 | SOC 231 |
| ANTH 175 & 175L (4) | GEOG 102 | POLS 130 | PSY 240 | SOC 250 |
| ANTH 200 | GEOG 122 | POLS 180 | PSY 250 | SOC 251 |
| BOT 105 | GEOG 151 | POLS 243 | PSY 260 | SSCI 200 |
| ECON 120 | GIS 150 | PSY 100 | PSY 270 | WS 151 |
| ECON 130 | PACS 108 | PSY 170 | SOC 100 | WS 200 |
| ECON 131 | POLS 110 | PSY 202 | SOC 218 | WS 202 |
**CONCENTRATION REQUIREMENTS: PHYSICAL EMPHASIS**: 33-34 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>___CHEM 161</td>
<td>___MATH 205 (4)</td>
<td>___PHYS 170 (4)</td>
</tr>
<tr>
<td>___CHEM 161L (1)</td>
<td>___MATH 206 (4)</td>
<td>___PHYS 170L (1)</td>
</tr>
<tr>
<td>___CHEM 162</td>
<td>___MATH 231</td>
<td>___MATH 232</td>
</tr>
</tbody>
</table>

**ELECTIVES**: Required: 12 credits numbered 100 or above to achieve a total of 60 credits.

UH articulation website: [http://www.hawaii.edu/admissions/transfers.html](http://www.hawaii.edu/admissions/transfers.html)

**Graduation Requirements**

- Cumulative GPA of 2.0 or higher for all course work taken in fulfillment of A.S. degree requirements.
- Any one course can fulfill only one area. (eg: SP 151, SP 231, SP 251)
- At least 12 of the credits for the A.A. degree must be earned at Windward Community College.
- No more than 12 credits in any combination of independent study or cooperative education may apply to the degree requirements.
- When there is a break in enrollment (not attending fall or spring semester), you must use the graduation requirements in effect at the time you return to WCC.
- Last day for graduation certification is the last day of instruction.