



# Associate in Science Graduation Checklist 2013-2014

**All college transfer courses submitted for graduation require a minimum grade of "C."  
25% of all credits must be taken at A-B Tech to receive a degree.**

<b>Graduation Requirement (1 semester hour)</b>	<b>Course</b>
1. ACA 115 Success and Study Skills or ACA 122 College Transfer Success is required.	ACA _____

## General Education Core Requirements – 44 semester hours

<b>English Composition (6 semester hours)</b>	
1. ENG 111 Expository Writing is required.	ENG 111 _____
2. Select <b>one</b> additional course from:	ENG _____
ENG 112 Argument-Based Research	
ENG 113 Literature-Based Research	
ENG 114 Professional Research and Reporting	

<b>Humanities/Communication/Fine Arts (9 semester hours)</b>																																																							
1. <b>One</b> communication (COM) course from the list below is required.	COM _____																																																						
2. At least <b>one</b> literature (ENG) course from the list below is required.	ENG _____																																																						
3. <b>One</b> additional course from the list below is required. <b>The last course may not be from COM or ENG.</b>	_____																																																						
<table style="width: 100%; border: none;"> <tr> <td>ART 111</td><td>DRA 122</td><td>ENG 261</td><td>HUM 120</td><td>HUM 220</td><td>REL 111</td> </tr> <tr> <td>ART 114</td><td>DRA 126</td><td>ENG 262</td><td>HUM 121</td><td>MUS 110</td><td>REL 112</td> </tr> <tr> <td>ART 115</td><td>ENG 131</td><td>FRE 111</td><td>HUM 122</td><td>MUS 112</td><td>REL 211</td> </tr> <tr> <td>COM 110</td><td>ENG 231</td><td>FRE 112</td><td>HUM 130</td><td>MUS 113</td><td>REL 212</td> </tr> <tr> <td>COM 120</td><td>ENG 232</td><td>FRE 211</td><td>HUM 150</td><td>MUS 210</td><td>SPA 111</td> </tr> <tr> <td>COM 140</td><td>ENG 241</td><td>FRE 212</td><td>HUM 160</td><td>PHI 215</td><td>SPA 112</td> </tr> <tr> <td>COM 231</td><td>ENG 242</td><td>HUM 110</td><td>HUM 211</td><td>PHI 240</td><td>SPA 211</td> </tr> <tr> <td>DRA 111</td><td>ENG 243</td><td>HUM 115</td><td>HUM 212</td><td>REL 110</td><td>SPA 212</td> </tr> <tr> <td>DRA 112</td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	ART 111	DRA 122	ENG 261	HUM 120	HUM 220	REL 111	ART 114	DRA 126	ENG 262	HUM 121	MUS 110	REL 112	ART 115	ENG 131	FRE 111	HUM 122	MUS 112	REL 211	COM 110	ENG 231	FRE 112	HUM 130	MUS 113	REL 212	COM 120	ENG 232	FRE 211	HUM 150	MUS 210	SPA 111	COM 140	ENG 241	FRE 212	HUM 160	PHI 215	SPA 112	COM 231	ENG 242	HUM 110	HUM 211	PHI 240	SPA 211	DRA 111	ENG 243	HUM 115	HUM 212	REL 110	SPA 212	DRA 112						
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COM 120	ENG 232	FRE 211	HUM 150	MUS 210	SPA 111																																																		
COM 140	ENG 241	FRE 212	HUM 160	PHI 215	SPA 112																																																		
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<b>Social/Behavioral Sciences (9 semester hours)</b>																									
Select <b>three</b> courses from at least <b>three</b> disciplines. At least <b>one</b> course must be a history course.	HIS _____																								
<table style="width: 100%; border: none;"> <tr> <td>ANT 210</td><td>ECO 251</td><td>HIS 131</td><td>PSY 150</td><td>PSY 281</td><td>SOC 225</td> </tr> <tr> <td>ANT 220</td><td>ECO 252</td><td>HIS 132</td><td>PSY 237</td><td>SOC 210</td><td>SOC 240</td> </tr> <tr> <td>ANT 240</td><td>HIS 111</td><td>POL 110</td><td>PSY 239</td><td>SOC 213</td><td></td> </tr> <tr> <td>ECO 151</td><td>HIS 112</td><td>POL 120</td><td>PSY 241</td><td>SOC 220</td><td></td> </tr> </table>	ANT 210	ECO 251	HIS 131	PSY 150	PSY 281	SOC 225	ANT 220	ECO 252	HIS 132	PSY 237	SOC 210	SOC 240	ANT 240	HIS 111	POL 110	PSY 239	SOC 213		ECO 151	HIS 112	POL 120	PSY 241	SOC 220		
ANT 210	ECO 251	HIS 131	PSY 150	PSY 281	SOC 225																				
ANT 220	ECO 252	HIS 132	PSY 237	SOC 210	SOC 240																				
ANT 240	HIS 111	POL 110	PSY 239	SOC 213																					
ECO 151	HIS 112	POL 120	PSY 241	SOC 220																					

<b>Natural Sciences/Mathematics (20 semester hours)</b>											
<b>Natural Sciences (8 semester hours)</b>											
Select at least <b>one</b> of the <b>two-course</b> sequences from the following list. Each course counts as four semester hours.	_____										
1. BIO 111 & 112      2. CHM 151 & 152      3. PHY 151 & 152      4. PHY 251 & 252	_____										
<b>Mathematics (6 semester hours)</b>											
Courses marked with " * " are labs (counted as one semester hour) that must be taken simultaneously with the course listed before it. These labs count toward Math, Nat. Science & Comp. Science general elective credits. Hours exceeding the required six (excluding lab hours) will be counted as core elective credits – see below.	_____										
<table style="width: 100%; border: none;"> <tr> <td>MAT 151 (3)</td><td>MAT 171 (3)</td><td>MAT 172 (3)</td><td>MAT 175 (4)</td><td>MAT 272 (4)</td> </tr> <tr> <td>*MAT 151A</td><td>*MAT 171A</td><td>*MAT 172A</td><td>MAT 271 (4)</td><td>MAT 273 (4)</td> </tr> </table>	MAT 151 (3)	MAT 171 (3)	MAT 172 (3)	MAT 175 (4)	MAT 272 (4)	*MAT 151A	*MAT 171A	*MAT 172A	MAT 271 (4)	MAT 273 (4)	
MAT 151 (3)	MAT 171 (3)	MAT 172 (3)	MAT 175 (4)	MAT 272 (4)							
*MAT 151A	*MAT 171A	*MAT 172A	MAT 271 (4)	MAT 273 (4)							
<b>Natural Science/Mathematics Core Electives (6 semester hours)</b>											
6 additional credits of Natural Science/Mathematics from previously listed Natural Sciences/Mathematics courses or from the list below are required. Either BIO 110 or 111 may count toward any core credits.	_____										
<table style="width: 100%; border: none;"> <tr> <td>BIO 110</td><td>BIO 130</td><td>*BIO 140A</td><td>CHM 135</td><td>GEL 113</td> </tr> <tr> <td>BIO 120</td><td>BIO 140</td><td>CHM 132</td><td>GEL 111</td><td>GEL 230</td> </tr> </table>	BIO 110	BIO 130	*BIO 140A	CHM 135	GEL 113	BIO 120	BIO 140	CHM 132	GEL 111	GEL 230	
BIO 110	BIO 130	*BIO 140A	CHM 135	GEL 113							
BIO 120	BIO 140	CHM 132	GEL 111	GEL 230							

Electives – Associate in Science (20 semester hours)

**14 of the 20 hours must be from Mathematics, Natural Sciences, or Computer Science. Any approved transfer course (including courses listed on the front of this checklist) may be taken as an elective.** Listed below are electives taught at A-B Tech. The Math, Natural Science and Computer Science electives are in bold. No elective course may be substituted for an approved general education core course.

					<u>Course</u>	<u>Credits</u>
ACC 120 (4)	<b>BIO 168 (4)</b>	COM 150 (3)	HEA 112 (2)	PED 118 (1)	_____	_____
ACC 121 (4)	<b>BIO 169 (4)</b>	<b>DFT 170 (3)</b>	HIS 162 (3)	PED 119 (1)	_____	_____
ART 121 (3)	<b>BIO 175 (3)</b>	DRA 120 (3)	HIS 212 (3)	PED 120 (1)	_____	_____
ART 122 (3)	<b>BIO 224 (2)</b>	DRA 130 (3)	HIS 221 (3)	PED 122 (1)	_____	_____
ART 131 (3)	<b>BIO 225 (2)</b>	DRA 131 (3)	HIS 226 (3)	PED 123 (1)	_____	_____
ART 132 (3)	<b>BIO 226 (2)</b>	DRA 135 (3)	HIS 227 (3)	PED 128 (1)	_____	_____
ART 171 (3)	<b>BIO 250 (4)</b>	DRA 140 (3)	HIS 236 (3)	PED 130 (1)	_____	_____
ART 231 (3)	<b>BIO 271 (3)</b>	DRA 145 (3)	HUM 120 (3)	PED 142 (1)	_____	_____
ART 240 (3)	<b>BIO 275 (4)</b>	DRA 170 (3)	HUM 121 (3)	PED 143 (1)	_____	_____
ART 241 (3)	BUS 110 (3)	DRA 171 (3)	HUM 160 (3)	PED 145 (1)	_____	_____
ART 244 (3)	BUS 115 (3)	EDU 144 (3)	HUM 230 (3)*	PED 171 (1)	_____	_____
ART 260 (3)	BUS 137 (3)	EDU 145 (3)	JOU 216 (3)	PED 217 (1)	_____	_____
ART 261 (3)	<b>CHM 251 (4)</b>	EDU 216 (4)	<b>MAT 140 (3)</b>	PED 218 (1)	_____	_____
ART 264 (3)	<b>CHM 252 (4)</b>	<b>EGR 150 (2)</b>	<b>MAT 161 (3)</b>	PED 220 (1)	_____	_____
ART 265 (3)	<b>CHM 271 (3)</b>	<b>EGR 220 (3)</b>	<b>MAT 161A (1)</b>	PED 235 (1)	_____	_____
ART 266 (3)	<b>CIS 110 (3)</b>	<b>EGR 230 (3)</b>	<b>MAT 167 (3)</b>	PED 236 (1)	_____	_____
ART 267 (3)	<b>CIS 115 (3)</b>	ENG 125 (3)	<b>MAT 280 (3)</b>	<b>PHS 140 (3)</b>	_____	_____
ART 271 (3)	CJC 111 (3)	ENG 126 (3)	<b>MAT 285 (3)</b>	<b>PHY 110 (3)</b>	_____	_____
ART 275 (3)	CJC 121 (3)	ENG 135 (3)	MUS 121 (4)	<b>PHY 110A (1)</b>	_____	_____
ART 281 (3)	CJC 141 (3)	ENG 235 (3)	MUS 122 (4)	PSY 215 (3)	_____	_____
ART 282 (3)	COM 150 (3)	ENG 272 (3)	MUS 131 (1)	SOC 215 (3)	_____	_____
ART 283 (3)	<b>CSC 134 (3)</b>	ENG 273 (3)	MUS 132 (1)	SOC 234 (3)	_____	_____
ART 284 (3)	<b>CSC 151 (3)</b>	ENG 274 (3)	MUS 231 (1)	SOC 254 (3)	_____	_____
<b>AST 111 (3)</b>	<b>CTS 115 (3)</b>	FRE 181 (1)	MUS 232 (1)	SPA 141 (3)	_____	_____
<b>AST 111A (1)</b>	CJC 111 (3)	FRE 182 (1)	PED 110 (2)	SPA 181 (1)	_____	_____
<b>BIO 155 (3)</b>	CJC 121 (3)	<b>GIS 111 (1)</b>	PED 117 (1)	SPA 182 (1)	_____	_____
<b>BIO 163 (5)</b>	CJC 141 (3)	HEA 110 (3)			_____	_____

Total # of credits \_\_\_\_\_  
 20 total elective credits are required.

\* Course is reserved for PTK members and Honors students

The following courses are not offered at A-B Tech but will fulfill requirements for Humanities, Communications, Fine Arts, or Electives if transferred from another institution.

<p><b>Humanities/Fine Arts</b>  <b>(3 semester hours each unless otherwise noted)</b>                  ARA 111, 112, 211, 212, ART 116, 117, ASL 111, 112, 211, 212, CHI 111, 112, 211, 212, DAN 110, 211, 212, DRA 115, 211, 212, ENG 233, 251, 252, HUM 161, ITA 111, 112, 211, 212, JPN 111, 112, 211, 212, LAT 111, 112, 141 (4), 142 (4), 211, 212, 231 (4), 232 (4), MUS 114, 115, 211, 212, 213, PHI 220, 230, 221, POR 111, POR 211, 212, REL 221, RUS 111, 112, 211, 212</p>	<p><b>Social/Behavioral Sciences</b>  <b>(3 semester hours each unless otherwise notes)</b>                  ANT 221, 230, 230A (1), GEO 111, 112, 113, 130, HIS 114, 115, 121, 122, POL 210, 220, SOC 230</p>
	<p><b>Natural Sciences</b>  <b>(4 semester hours each)</b>                  AST 151/151A, 152/152A                  CHM 131/131A, 136, GEL 120</p>
	<p><b>Mathematics</b>  <b>(3 semester hours each)</b>                  MAT 141, 142, 155, 162, 165, 263</p>