



# Associate in Science Graduation Checklist 2014-2015

**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.**

## General Education Requirements

<b>Universal General Education Transfer Component</b>		
<b>English Composition (6 semester hours)</b>		
1. <b>ENG 111</b> Expository Writing (3)	<input type="checkbox"/>	ENG 111
2. <b>ENG 112</b> Writing/Research in the Disciplines (3)	<input type="checkbox"/>	ENG 112
<b>Humanities/Fine Arts/Communication (6 semester hours)</b>		
1. <b>COM 231</b> Public Speaking (3)	<input type="checkbox"/>	COM 231
2. <b>ENG 231</b> American Lit I (3) <i>or</i> <b>ENG 232</b> American Lit II (3)	<input type="checkbox"/>	ENG _____
<b>Social/Behavioral Sciences (6 semester hours)</b>		
Select <b>two</b> courses from at least <b>two</b> disciplines. At least <b>one</b> course must be a history course.		<input type="checkbox"/>
<b>ECO 251</b> Microecon (3)	<b>HIS 112</b> World Civ. II (3)	<b>POL 120</b> Amer. Gov. (3)
<b>ECO 252</b> Macroecon (3)	<b>HIS 131</b> Amer. His. I (3)	<b>PSY 150</b> Gen. Psychology (3)
<b>HIS 111</b> World Civ. I (3)	<b>HIS 132</b> Amer. His. II (3)	<b>SOC 210</b> Intro. To Sociology (3)
<b>Mathematics (8 semester hours)</b> All courses are 4 SHC.		
<b>MAT 171</b> Precalculus Algebra	<b>MAT 263</b> Brief Calculus	<input type="checkbox"/>
<b>MAT 172</b> Precalculus Trigonometry	<b>MAT 271</b> Calculus I	<input type="checkbox"/>
<b>Natural Sciences (8 semester hours)</b> All courses are 4 SHC including a lab component.		
Select <b>two</b> courses (one series of classes from Column A or two classes from Column B.)		<input type="checkbox"/>
<b>BIO 111</b> Gen. Biology <i>and</i> <b>BIO 112</b> Gen. Bio. II	<b>BIO 110</b> Principles of Biology	<input type="checkbox"/>
<b>Column A</b> <b>CHM 151</b> Gen. Chemistry <i>and</i> <b>CHM 152</b> Gen. Chem. II <b>PHY 151</b> College Physics I <i>and</i> <b>PHY 152</b> Coll. Physics II <b>PHY 251</b> Gen. Physics I <i>and</i> <b>PHY 252</b> Gen. Physics II	<b>Column B</b> <b>GEL 111</b> Introductory Geology <b>PHY 110/110A</b> Conceptual Physics	<input type="checkbox"/>

<b>Additional General Education Hours (11 semester hours)</b>		
1. <b>HUM 220</b> Human Values and Meaning (after successful completion of 40 semester hours)		<input type="checkbox"/>
2. Select <b>one</b> general education humanities/fine arts/communications course from the following list		<input type="checkbox"/>
<b>ART 111</b> Art Appreciation (3)	<b>ENG 231</b> American Lit I (3)	<b>MUS 112</b> Intro. To Jazz (3)
<b>ART 114</b> Art Hist. I (3)	<b>ENG 232</b> American Lit II (3)	<b>PHI 215</b> Philosophical Issues (3)
<b>ART 115</b> Art Hist. II (3)	<b>MUS 110</b> Music Appreciation (3)	<b>PHI 240</b> Intro. To Ethics (3)
3. Select <b>one</b> general education science or mathematics course from the following list.		<input type="checkbox"/>
<b>BIO 110</b> Principles of Biology (4)	<b>CHM 151</b> General Chemistry I (4)	<b>MAT 172</b> Precalculus Trig. (4)
<b>BIO 111</b> General Biology I (4)	<b>CHM 152</b> General Chemistry II (4)	<b>MAT 263</b> Brief Calculus(4)
<b>BIO 112</b> General Biology II (4)	<b>GEL 111</b> Introductory Geology (4)	<b>MAT 271</b> Calculus I (4)
<b>BIO 120</b> Introductory Botany (4)	<b>GEL 230</b> Environmental Geology (4)	<b>PHY 110/110A</b> Conceptual Phys. (4)
<b>BIO 130</b> Introductory Zoology (4)	<b>MAT 143</b> Quantitative Literacy (3)	<b>PHY 251</b> General Physics I (4)
<b>BIO 140/140A</b> Environmental Biology (4)	<b>MAT 152</b> Statistical Methods (4)	<b>PHY 252</b> General Physics II (4)
<b>CHM 132</b> Organic and Biochemistry (4)	<b>MAT 171</b> Precalculus Algebra (4)	
4. Select <b>remaining</b> semester hours (1-2 SHC) from all classes listed on this page or classes with an asterisk (*) on page 2.		<input type="checkbox"/>

**Total General Education Hours Required: 45**

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## Other Required Hours (15 hours)

1. **ACA 122** College Transfer Success (1) **Must be completed in first 15 SHC.**
2. **HEA 110** Personal Health and Wellness (3)
3. Additional **11 hours** selected from the list below *and/or* from those courses listed on page 1

Course
<input type="checkbox"/> ACA 122
<input type="checkbox"/> HEA 110
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

All courses are 3 SHC unless otherwise noted.

<b>ACC 120</b> Prin. Financial Accounting (4)	<b>CJC 111</b> Intro. To Criminal Justice	
<b>ACC 121</b> Prin. Managerial Accounting (4)	<b>CJC 121</b> Law Enforcement Operations	
<b>ANT 210</b> General Anthropology*	<b>CJC 141</b> Corrections	
<b>ANT 240</b> Archaeology*	<b>COM 110</b> Intro. to Communication*	
<b>ART 121</b> Two-Dimensional Design	<b>COM 120</b> Interpersonal Comm.*	
<b>ART 122</b> Three-Dimensional Design	<b>COM 140</b> Intro to Intercultural Communication*	
<b>ART 131</b> Drawing I	<b>COM 150</b> Intro to Mass Comm.	<b>MUS 132</b> Chorus II (1)
<b>ART 132</b> Drawing II	<b>CSC 134</b> C++ Programming	<b>MUS 231</b> Chorus III (1)
<b>ART 171</b> Computer Art I	<b>CSC 151</b> JAVA Programming	<b>MUS 232</b> Chorus IV (1)
<b>ART 231</b> Printmaking I	<b>CTS 115</b> Info System Business Concepts	<b>PED 110</b> Fit and Well for Life (2)
<b>ART 240</b> Painting I	<b>DFT 170</b> Engineering Graphics	<b>PED 117</b> Weight Training I (1)
<b>ART 241</b> Painting II	<b>ECO 151</b> Survey of Economics*	<b>PED 118</b> Weight Training II (1)
<b>ART 244</b> Watercolor	<b>EGR 150</b> Intro to Engineering (2)	<b>PED 119</b> Circuit Training (1)
<b>ART 261</b> Photography I	<b>EGR 220</b> Engineering Statics	<b>PED 120</b> Walking for Fitness (1)
<b>ART 264</b> Digital Photography I	<b>ENG 114</b> Prof. Research & Reporting*	<b>PED 122</b> Yoga I (1)
<b>ART 265</b> Digital Photography II	<b>ENG 125</b> Creative Writing I	<b>PED 123</b> Yoga II (1)
<b>ART 266</b> Videography I	<b>ENG 235</b> Survey of Film as Literature	<b>PED 125</b> Self-Defense-Beginning (1)
<b>ART 267</b> Videography II	<b>ENG 241</b> British Literature I*	<b>PED 126</b> Self-Defense-Inter. (1)
<b>ART 271</b> Computer Art II	<b>ENG 242</b> British Literature II*	<b>PED 128</b> Golf - Beginning (1)
<b>ART 281</b> Sculpture I	<b>ENG 243</b> Major British Writers*	<b>PED 130</b> Tennis - Beginning (1)
<b>ART 283</b> Ceramics I	<b>ENG 261</b> World Literature I*	<b>PED 143</b> Volleyball - Beginning (1)
<b>ART 284</b> Ceramics II	<b>ENG 262</b> World Literature II*	<b>PED 145</b> Basketball - Beginning (1)
<b>AST 111/111A</b> Descriptive Astronomy (4)	<b>FRE 111</b> Elementary French I*	<b>PED 171</b> Nature Hiking (1)
<b>BIO 155</b> Nutrition	<b>FRE 112</b> Elementary French II*	<b>PED 211</b> New Games (1)
<b>BIO 163</b> Basic Anatomy & Physiology (5)	<b>FRE 211</b> Intermediate French I*	<b>PED 217</b> Pilates I (1)
<b>BIO 168</b> Anatomy and Physiology I (4)	<b>FRE 212</b> Intermediate French II*	<b>PED 218</b> Pilates II (1)
<b>BIO 169</b> Anatomy and Physiology II (4)	<b>GIS 111</b> Introduction to GIS	<b>PED 235</b> Tai Chi (1)
<b>BIO 175</b> General Microbiology	<b>HEA 112</b> First Aid and CPR (2)	<b>PSY 215</b> Positive Psychology
<b>BIO 250</b> Genetics (4)	<b>HIS 162</b> Women and History	<b>PSY 241</b> Developmental Psychology*
<b>BIO 271</b> Pathophysiology	<b>HIS 212</b> Medieval History	<b>PSY 281</b> Abnormal Psychology*
<b>BIO 275</b> Microbiology (4)	<b>HIS 236</b> North Carolina History	<b>REL 110</b> World Religions*
<b>BUS 110</b> Introduction to Business	<b>HUM 110</b> Technology and Society*	<b>SOC 213</b> Sociology of the Family*
<b>BUS 115</b> Business Law I	<b>HUM 115</b> Critical Thinking*	<b>SOC 220</b> Social Problems*
<b>BUS 137</b> Principles of Management	<b>HUM 120</b> Cultural Studies*	<b>SOC 225</b> Social Diversity*
<b>CIS 110</b> Introduction to Computers	<b>HUM 160</b> Introduction to Film*	<b>SOC 234</b> Sociology of Gender
<b>CIS 115</b> Intro to Programming and Logic	<b>HUM 230</b> Leadership Development	<b>SOC 240</b> Social Psychology*
<b>CHM 130/130A</b> Gen.,Org., Biochem (4)	<b>MAT 272</b> Calculus II (4)*	<b>SPA 111</b> Elementary Spanish I*
<b>CHM 132</b> Organic & Biochemistry (4)*	<b>MAT 273</b> Calculus III (4)*	<b>SPA 112</b> Elementary Spanish II*
<b>CHM 251</b> Organic Chemistry I (4)	<b>MAT 280</b> Linear Algebra	<b>SPA 211</b> Intermediate Spanish I*
<b>CHM 252</b> Organic Chemistry II (4)	<b>MAT 285</b> Differential Equations	<b>SPA 212</b> Intermediate Spanish II*
<b>CHM 271</b> Biochemical Principles	<b>MUS 131</b> Chorus I (1)	