

# PROGRAM GUIDE

ASSOCIATE IN SCIENCE                      FALL 2009-2010  
**ELECTRICAL ENGINEERING TECHNOLOGY**

Student's Name \_\_\_\_\_

Entrance Date \_\_\_\_\_



<table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"><b>CORE</b></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;"><b>18</b></td> </tr> <tr> <td>___</td> <td>ENGL</td> <td>150</td> <td>English Composition I</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>ENGL</td> <td>151</td> <td>English Composition II</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>MATH</td> <td>180</td> <td>College Algebra</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>NSET</td> <td>101</td> <td>Intro to Nat. Sci. &amp; Engr. Tech.</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>HIST</td> <td>150</td> <td>Intro to the Study of History <b>OR</b></td> <td></td> <td></td> </tr> <tr> <td>___</td> <td>POLS</td> <td>250</td> <td>Intro to Govt. Systems <b>OR</b></td> <td></td> <td></td> </tr> <tr> <td>___</td> <td>POLS</td> <td>102</td> <td>American National Govt.</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>PSYC</td> <td>150</td> <td>Psychological Foundations <b>OR</b></td> <td></td> <td></td> </tr> <tr> <td>___</td> <td>SOC</td> <td>150</td> <td>Sociological Foundations <b>OR</b></td> <td></td> <td></td> </tr> <tr> <td>___</td> <td>SOC</td> <td>105</td> <td>Marriage and the Family <b>OR</b></td> <td></td> <td></td> </tr> <tr> <td>___</td> <td>SOC</td> <td>111</td> <td>World Cultures</td> <td style="text-align: right;">3</td> <td></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"><b>DEPARTMENT GENERAL REQUIREMENTS</b></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;"><b>20</b></td> </tr> <tr> <td>___</td> <td>CMPS</td> <td>204</td> <td>C Prog. for Science &amp; Tech.</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>MATH</td> <td>175</td> <td>Elementary Statistics</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>MATH</td> <td>185</td> <td>Trigonometry</td> <td style="text-align: right;">2</td> <td></td> </tr> <tr> <td>___</td> <td>MATH</td> <td>190</td> <td>Calculus I</td> <td style="text-align: right;">4</td> <td></td> </tr> <tr> <td colspan="6" style="padding-top: 10px;">One sequence:</td> </tr> <tr> <td>___</td> <td>CHEM</td> <td>101</td> <td>General Chemistry I</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>CHEM</td> <td>102</td> <td>General Chemistry II</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>CHEM</td> <td>103</td> <td>General Chemistry Lab I</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td>___</td> <td>CHEM</td> <td>104</td> <td>General Chemistry Lab II</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td colspan="6" style="padding-top: 10px;"><b>OR</b></td> </tr> <tr> <td>___</td> <td>PHYS</td> <td>101</td> <td>Physics I</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>PHYS</td> <td>102</td> <td>Physics II</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>PHYS</td> <td>103</td> <td>Physics Lab I</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td>___</td> <td>PHYS</td> <td>104</td> <td>Physics Lab II</td> <td style="text-align: right;">1</td> <td></td> </tr> </table>	<b>CORE</b>					<b>18</b>	___	ENGL	150	English Composition I	3		___	ENGL	151	English Composition II	3		___	MATH	180	College Algebra	3		___	NSET	101	Intro to Nat. Sci. & Engr. Tech.	3		___	HIST	150	Intro to the Study of History <b>OR</b>			___	POLS	250	Intro to Govt. Systems <b>OR</b>			___	POLS	102	American National Govt.	3		___	PSYC	150	Psychological Foundations <b>OR</b>			___	SOC	150	Sociological Foundations <b>OR</b>			___	SOC	105	Marriage and the Family <b>OR</b>			___	SOC	111	World Cultures	3		<b>DEPARTMENT GENERAL REQUIREMENTS</b>					<b>20</b>	___	CMPS	204	C Prog. for Science & Tech.	3		___	MATH	175	Elementary Statistics	3		___	MATH	185	Trigonometry	2		___	MATH	190	Calculus I	4		One sequence:						___	CHEM	101	General Chemistry I	3		___	CHEM	102	General Chemistry II	3		___	CHEM	103	General Chemistry Lab I	1		___	CHEM	104	General Chemistry Lab II	1		<b>OR</b>						___	PHYS	101	Physics I	3		___	PHYS	102	Physics II	3		___	PHYS	103	Physics Lab I	1		___	PHYS	104	Physics Lab II	1		<table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"><b>DEPARTMENT MAJOR REQUIREMENTS</b></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;"><b>31</b></td> </tr> <tr> <td>___</td> <td>ETGR</td> <td>205</td> <td>Engineering Tech. Graphics</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>102</td> <td>DC Circuits</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>103</td> <td>AC Circuits</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>104</td> <td>DC Circuits Lab</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>105</td> <td>AC Circuits Lab</td> <td style="text-align: right;">1</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>200</td> <td>Basic Electronics</td> <td style="text-align: right;">4</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>201</td> <td>Electronic Circuits</td> <td style="text-align: right;">4</td> <td></td> </tr> <tr> <td>___</td> <td>MET</td> <td>101</td> <td>Statics</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>MET</td> <td>102</td> <td>Dynamics</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td colspan="6" style="padding-top: 10px;">TECHNICAL ELECTIVES (6 credits):</td> </tr> <tr> <td>___</td> <td>EET</td> <td>215</td> <td>Digital Electronics I</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>216</td> <td>Microprocessors I</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>327</td> <td>Electrical Power Tech. I</td> <td style="text-align: right;">3</td> <td></td> </tr> <tr> <td>___</td> <td>EET</td> <td>328</td> <td>Electrical Power Tech. II</td> <td style="text-align: right;">3</td> <td></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"><b>MINIMUM CREDITS FOR A.S. DEGREE</b></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;"><b>69</b></td> </tr> </table>	<b>DEPARTMENT MAJOR REQUIREMENTS</b>					<b>31</b>	___	ETGR	205	Engineering Tech. Graphics	3		___	EET	102	DC Circuits	3		___	EET	103	AC Circuits	3		___	EET	104	DC Circuits Lab	1		___	EET	105	AC Circuits Lab	1		___	EET	200	Basic Electronics	4		___	EET	201	Electronic Circuits	4		___	MET	101	Statics	3		___	MET	102	Dynamics	3		TECHNICAL ELECTIVES (6 credits):						___	EET	215	Digital Electronics I	3		___	EET	216	Microprocessors I	3		___	EET	327	Electrical Power Tech. I	3		___	EET	328	Electrical Power Tech. II	3		<b>MINIMUM CREDITS FOR A.S. DEGREE</b>					<b>69</b>
<b>CORE</b>					<b>18</b>																																																																																																																																																																																																																																																														
___	ENGL	150	English Composition I	3																																																																																																																																																																																																																																																															
___	ENGL	151	English Composition II	3																																																																																																																																																																																																																																																															
___	MATH	180	College Algebra	3																																																																																																																																																																																																																																																															
___	NSET	101	Intro to Nat. Sci. & Engr. Tech.	3																																																																																																																																																																																																																																																															
___	HIST	150	Intro to the Study of History <b>OR</b>																																																																																																																																																																																																																																																																
___	POLS	250	Intro to Govt. Systems <b>OR</b>																																																																																																																																																																																																																																																																
___	POLS	102	American National Govt.	3																																																																																																																																																																																																																																																															
___	PSYC	150	Psychological Foundations <b>OR</b>																																																																																																																																																																																																																																																																
___	SOC	150	Sociological Foundations <b>OR</b>																																																																																																																																																																																																																																																																
___	SOC	105	Marriage and the Family <b>OR</b>																																																																																																																																																																																																																																																																
___	SOC	111	World Cultures	3																																																																																																																																																																																																																																																															
<b>DEPARTMENT GENERAL REQUIREMENTS</b>					<b>20</b>																																																																																																																																																																																																																																																														
___	CMPS	204	C Prog. for Science & Tech.	3																																																																																																																																																																																																																																																															
___	MATH	175	Elementary Statistics	3																																																																																																																																																																																																																																																															
___	MATH	185	Trigonometry	2																																																																																																																																																																																																																																																															
___	MATH	190	Calculus I	4																																																																																																																																																																																																																																																															
One sequence:																																																																																																																																																																																																																																																																			
___	CHEM	101	General Chemistry I	3																																																																																																																																																																																																																																																															
___	CHEM	102	General Chemistry II	3																																																																																																																																																																																																																																																															
___	CHEM	103	General Chemistry Lab I	1																																																																																																																																																																																																																																																															
___	CHEM	104	General Chemistry Lab II	1																																																																																																																																																																																																																																																															
<b>OR</b>																																																																																																																																																																																																																																																																			
___	PHYS	101	Physics I	3																																																																																																																																																																																																																																																															
___	PHYS	102	Physics II	3																																																																																																																																																																																																																																																															
___	PHYS	103	Physics Lab I	1																																																																																																																																																																																																																																																															
___	PHYS	104	Physics Lab II	1																																																																																																																																																																																																																																																															
<b>DEPARTMENT MAJOR REQUIREMENTS</b>					<b>31</b>																																																																																																																																																																																																																																																														
___	ETGR	205	Engineering Tech. Graphics	3																																																																																																																																																																																																																																																															
___	EET	102	DC Circuits	3																																																																																																																																																																																																																																																															
___	EET	103	AC Circuits	3																																																																																																																																																																																																																																																															
___	EET	104	DC Circuits Lab	1																																																																																																																																																																																																																																																															
___	EET	105	AC Circuits Lab	1																																																																																																																																																																																																																																																															
___	EET	200	Basic Electronics	4																																																																																																																																																																																																																																																															
___	EET	201	Electronic Circuits	4																																																																																																																																																																																																																																																															
___	MET	101	Statics	3																																																																																																																																																																																																																																																															
___	MET	102	Dynamics	3																																																																																																																																																																																																																																																															
TECHNICAL ELECTIVES (6 credits):																																																																																																																																																																																																																																																																			
___	EET	215	Digital Electronics I	3																																																																																																																																																																																																																																																															
___	EET	216	Microprocessors I	3																																																																																																																																																																																																																																																															
___	EET	327	Electrical Power Tech. I	3																																																																																																																																																																																																																																																															
___	EET	328	Electrical Power Tech. II	3																																																																																																																																																																																																																																																															
<b>MINIMUM CREDITS FOR A.S. DEGREE</b>					<b>69</b>																																																																																																																																																																																																																																																														