

## ARTICULATION AGREEMENT BETWEEN

SOUTH CAROLINA STATE UNIVERSITY  
AND  
PIEDMONT TECHNICAL COLLEGEELECTRICAL ENGINEERING TECHNOLOGY  
(131 Semester Credit Hours)

SCSU Course	Piedmont Tech Equivalent
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## Freshman

First Semester		Cr.	
E 150	English Composition I	3.0	ENG 101
M 152	Pre-Calculus	3.0	MAT 110 and MAT 111
CS 150	Computer Technology	3.0	CPT 101 or EGR 120 or EGR 112
PE 150/ MS 101/ HED 151		2.0	
ET 170	Intro. Eng. Tech.	3.0	EGR 130 **
UNIV 101	Intro. Univ. Comm.	2.0	COL 102 or COL 103
Second Semester		Cr.	
E 151	English Composition II	3.0	ENG 102
M 153	Calculus I	3.0	MAT 140
H 250/251	History	3.0	HIS 101 or HIS 102
C 150	General Chemistry	3.0	CHM 110
C 151	Gen. Chemistry Lab	1.0	CHM 110
ET 150	Mech. Draw/Basic CAD		EGT 110 and EGT 151

## Sophomore

First Semester		Cr.	
ARTS 250/MU 250/D 254		3.0	MUS 105 or ART 101
M 163	Calculus II	3.0	MAT 141
P 254	General Physics	3.0	PHY 221
P 251	Gen. Physics Lab	1.0	PHY 221
EET 230	Circuit Analysis	3.0	(EET 111 and EET 112) or (EEM 115 and EEM 116)
ET 212	Statics	3.0	EGR 194
M 250	Linear Algebra for Science and Engineering	3.0	Administered by SCSU**
Second Semester		Cr.	
EET 232	Elect. Network Analysis	3.0	
EET 233	Circuit Lab	1.0	(EET 111 and EET 112) or (EEM 115 and EEM 116)
P 255	General Physics	3.0	PHY 222
P 253	Gen. Physics Lab	1.0	PHY 222
EET 275	Engineering Mathematics	3.0	
ET 250	Tech. Communications	3.0	SPC 205
E 250/251	World Literature	3.0	ENG 208 or ENG 209

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## Junior

First Semester		Cr.	
EET 320	Intro. Comp. Program.	3.0	CPT 232
EET 330	Electronics I	3.0	EET 131 or EEM 201
ETS 250	African-American Hist.	3.0	HIS 115
EET 374	Electrical Machines	3.0	
EET 381	Dig. Sys. Design & Anal.	3.0	
SOC 250/PSY 250		3.0	SOC 101 or PSY 201
Second Semester		Cr.	
EET 332	Electronics II	3.0	EET 141
ET 255	Eng. Econ. Analysis	3.0	EGR 226
EET 382	Intro. to Microprocessor	3.0	EET 251 **
EET 383	Dig. & Micro. Lab	1.0	EET 145, EET 251 and EET 255
EET 392	Intro. PLC & Virtual Instr.	3.0	EET 235
Elective		3.0	

## Senior

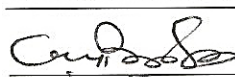
First Semester		Cr.	
EET 333	Electronics Lab	1.0	EET 131 and EET 141
EET 450	Intro. Elect. Power Sys.	3.0	
EET 453	Mach. & Power Lab	1.0	
EET 459	Senior Project Proposal	1.0	
EET 470	Automatic Control Sys.	3.0	
EET 375	Electronics Comm.	3.0	EET 243
Elective		3.0	
Second Semester		Cr.	
EET 443	PLC & Virt. Intr. Lab	1.0	
EET 460	Senior Project	3.0	
EET 475	Comp. Aided Design	3.0	
EET 480	Introduction to Robotics	3.0	
EET 483	Control & Robotics Lab	1.0	
Elective		3.0	

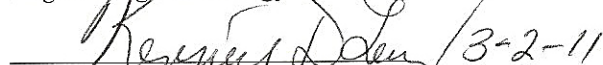
\* According to Technical College Courses Transferable to Public Senior Institutions (Page 25, PTC Catalog) the following courses are not transferable: ENG 165, ENG 181, ENG 182, ENG 265, MAT 181, MAT 182

\*\* Changes


## Signatures for Approval:


South Carolina State University

 3/2/11  
Dr. Hasanul Basher, Chairman  
Department of Industrial and Electrical  
Engineering Technology

 3-2-11  
Dr. Kenneth Lewis, Dean  
College of Science, Mathematics,  
and Engineering Technology

Piedmont Technical College

 3/15/11  
Sandy Warner, Department Head  
Engineering Technology

 3-15-11  
Keith Lasure, Dean  
Engineering & Industrial Technology