

**AGREEMENT BETWEEN  
IVY TECH COMMUNITY COLLEGE AND PURDUE NORTH CENTRAL**

**FOR THE TRANSFER OF CREDITS EARNED IN THE  
ASSOCIATE OF APPLIED SCIENCE IN ELECTRONICS & COMPUTER TECHNOLOGY  
OR THE ASSOCIATE OF SCIENCE IN ELECTRICAL ENGINEERING TECHNOLOGY  
INTO THE  
BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY**

The purpose of this agreement is to provide a seamless transfer of credits earned in the Associate of Applied Science Degree in Electronics and Computer Technology or the Associate of Science Degree in Electrical Engineering Technology from ITCC into the Bachelor of Science Degree in Engineering Technology from PNC. The faculty of both institutions have worked together to develop the attached list of course equivalencies, requirements for the associate degree and requirements for completion of the bachelor's degree.

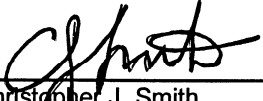
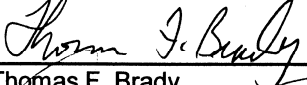

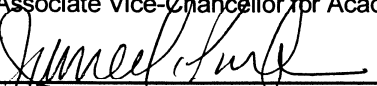

This agreement is in effect for courses taken beginning in Fall 2006, under the 2006-2007 ITCC Collegewide Curriculum of Record for the AAS-ECT and AS-EET degree. ITCC coursework taken prior to Fall 2006; earned under an ELT or prior ECT curriculum; or taken as part of an AAS Degree in ELT or ECT will be transferred under the 2004 ITCC-PNC Articulation Agreements. ITCC coursework that is not covered by either agreement will be evaluated by PNC's ECET faculty to determine how the ITCC courses will be transferred to Purdue credits.

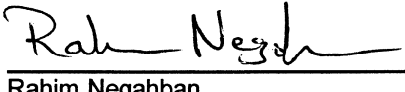
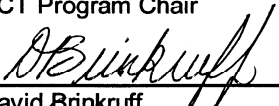
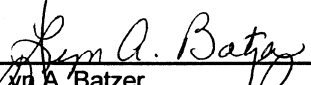

This agreement will be reviewed every three years by the faculty of both institutions, but may be reviewed at any time upon request by either institution. Both institutions agree to keep one another informed of any curriculum changes as they occur.

While the purpose of this agreement is to maximize transfer opportunities for students, limits may be placed on courses accepted under the provisions of this agreement, should a student subsequently decide to change majors into a program not covered by this agreement.

**For Purdue North Central**

**For Ivy Tech Community College**

 _____ Christopher J. Smith ECET Program Coordinator	<u>8/16/06</u> (Date)
 _____ Thomas F. Brady Engineering Technology Department Chair	<u>8/16/06</u> (Date)
 _____ George W. Asteriadis Associate Vice-Chancellor for Academic Affairs	<u>8-16-06</u> (Date)
 _____ James S. Pula Vice-Chancellor for Academic Affairs	<u>8-16-06</u> (Date)
 _____ James B. Dworkin Chancellor	<u>8/16/06</u> (Date)

 _____ Rahim Negahban ECT Program Chair	<u>08/17/06</u> (Date)
 _____ David Brinkruff Technology Division Chair	<u>8/17/06</u> (Date)
 _____ Lyn A. Batzer Dean of Academic Affairs	<u>8-17-06</u> (Date)
 _____ Virginia B. Calvin Chancellor	<u>8/28/06</u> (Date)

Ivy Tech Community College  
 AAS in Electronics & Computer Technology or  
 AS in Electrical Engineering Technology  
 for Transfer into  
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 Bachelor of Science in Engineering Technology

**Ivy Tech Community College****Purdue North Central Equivalency**

<u>Course No.</u>	<u>Course Title</u>	<u>Cr</u>	<u>Course No.</u>	<u>Course Title</u>	<u>Cr</u>
COM 101	Public Speaking	3	COM 114	English Composition I	3
ENG 111	English Composition I	3	ENGL 101	English Composition I	3
IVY 1XX	Life Skills Elective	1	---	---	
MAT 1XX/133	College Algebra	3	MATH 153	Algebra & Trigonometry I	3
MAT 1XX / 134	Trigonometry	3	MATH 154	Algebra & Trigonometry II	3
MAT XXX	Technical Calculus I	3	MATH 223	Introductory Analysis I	3
MAT XXX	Technical Calculus II	3	MATH 224 or STAT 301	Introductory Analysis II or Elementary Statistics	3
PHY 101 / XXX	Physics I / General Physics for Technology	4	PHYS 220	General Physics I	4
XXX XXX	Humanities / Social Studies Elective	3	XXX XXX	Humanities / Social Studies Elective	3
	<b>TOTAL CREDITS</b>	<b>26</b>		<b>TOTAL CREDITS</b>	<b>25</b>
	<b>GENERAL EDUCATION</b>			<b>GENERAL EDUCATION</b>	
---	---		CGT 110	Technical Graphics Communication	3
ECT 101	Introduction to Electronics & Projects	3	ECET 196	Introduction to Electronics & Projects	2
ECT 111	Introduction to Circuit Analysis	4	ECET 107	Introduction to Circuit Analysis	4
ECT 112	Digital Fundamentals	3	ECET 109	Digital Fundamentals	3
ECT 121	Electronics Circuit Analysis	4	ECET 157	Electronics Circuit Analysis	4
ECT 122	Digital Applications	4	ECET 159	Digital Applications	4
ECT 128	Introduction to C Programming	3	C&IT XXX	Computer Programming Elective	3
ECT 211	AC Circuit Analysis	4	ECET 207	AC Circuit Analysis	4
ECT 222	Introduction to Microcontrollers	4	ECET 209	Introduction to Microcontrollers	4
EET 223	Power & RF Electronics	4	ECET 257	Power & RF Electronics	4
EET 221	Electrical Power & Controls	4	ECET 231	Electrical Power & Controls	4
EET 225	Electronic Prototype Development	4	ECET XXX	ECET Elective	4
	<b>TOTAL CREDITS</b>	<b>41</b>		<b>TOTAL CREDITS</b>	<b>43</b>
	<b>PROFESSIONAL / TECHNICAL CORE</b>			<b>PROFESSIONAL / TECHNICAL CORE</b>	
	<b>TOTAL CREDITS</b>	<b>67</b>		<b>TOTAL CREDITS</b>	<b>68</b>

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**Required Additional Courses for the Bachelor's Degree**

<b><u>Course Number</u></b>	<b><u>Course Title</u></b>	<b><u>Credits</u></b>
ECET Electives (6)	Any 300- or 400-level ECET Course	24
ECET 499A	Senior Project Design - Phase I	2
ECET 499B	Senior Project Design - Phase II	2
Technical Electives (3)	Any Technology, Business, Economics or Management Course	9
	<b>TOTAL CREDITS PROFESSIONAL / TECHNICAL CORE</b>	<b>37</b>
C/E/H/SS Electives (5)	Communications, English, Humanities or Social Science Elective	15
Ma / Sci Electives (2)	Any Math, Science or Statistics Course	6
	<b>TOTAL CREDITS GENERAL EDUCATION CORE</b>	<b>21</b>
	<b>TOTAL ADDITIONAL CREDITS FOR BACHELOR'S DEGREE</b>	<b>58</b>
	<b>TOTAL CREDITS FROM ASSOCIATE DEGREE</b>	
	At Purdue North Central	68
	At Ivy Tech Community College	67
	<b>TOTAL CREDITS REQUIRED FOR BACCALAUREATE DEGREE</b>	
	With Associate Degree from Purdue North Central	126
	With Associate Degree from Ivy Tech Community College	125