ARTICULATION AGREEMENT
between
INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS
and
IVY TECH COMMUNITY COLLEGE – CENTRAL INDIANA
and
IVY TECH COMMUNITY COLLEGE –NORTH CENTRAL
for the following program:
ELECTRICAL ENGINEERING TECHNOLOGY (A.S.)
to
ELECTRICAL ENGINEERING TECHNOLOGY (B.S.)

The purpose of this Articulation Agreement is to provide a framework for students at Ivy Tech Community College (ITCC) – Central Indiana and North Central to continue their formal education in a baccalaureate program. These students have decided that Indiana University Purdue Indianapolis (IUPUI) is their selection for continuing their education in order to complete the requirements of the baccalaureate degree program.

To ensure a smooth transition to the baccalaureate degree program at IUPUI, the faculty of both institutions has developed the attached listing of course equivalencies approved for transfer beginning with the Fall Semester 2006-2007. The course list identifies each course from Ivy Tech Community College – Central Indiana and North Central Electrical Engineering Technology, Associate of Science degree program and shows exactly how that course will appear on the student's official IUPUI transcript upon completion of the transfer. To ensure consistency and accuracy, the document must be periodically reviewed by the representatives from both institutions to communicate and update information regarding curriculum and textbooks. Before the start of each semester from fall 2006 thru spring 2008 faculty from both departments will meet to make sure that Ivy Tech's new courses being developed and courses receiving significant revisions will be equivalent. IUPUI requires a grade of "C" or above in order to obtain credit toward the baccalaureate degree.

Any course taken prior to Fall 2006-2007 or any course taken at an institution other than ITCC-Central Indiana or North Central, will be evaluated by faculty from IUPUI in order to determine the transferability of the coursework. The Articulation Agreement, including modifications, may be reviewed by either institution upon request. All parties to this agreement understand its purpose is to maximize opportunities for individual students, they also recognize that limits may be placed on courses accepted under provisions of this agreement should the student subsequently decide to change to another program other than that covered by this agreement.

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8/25/06
Date

David Miller, Associate Professor
Program Chair, Electronics
Ivy Tech Community College -
Central Indiana

Michael DeBourbon, Division Chair
Technology, Business, Arts and Design
Ivy Tech Community College -
Central Indiana

Dr. Kathleen Lee, Dean of Academic Affairs
Ivy Tech Community College–Central Indiana

Richard Pfile, Professor
Department Chair, Electrical and Computer
Engineering Technology
Indiana University Purdue University Indianapolis

Kenneth Rennels, Associate Dean
Purdue School of Engineering & Technology
Indiana University Purdue University Indianapolis

H. Oner Yurtseven, Dean
Purdue School of Engineering & Technology
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Rahim Negahban, Associate Professor
Program Chair, Electronics & Computer Technology
Ivy Tech Community College-North Central

David Brinkruff, Division Chair
Technology
Ivy Tech Community College-North Central

Dr. Lyn Batzer, Dean of Academic Affairs
Ivy Tech Community College-North Central

COURSE ARTICULATION PLAN
ELECTRICAL ENGINEERING TECHNOLOGY
IVY TECH COMMUNITY COLLEGE – INDIANAPOLIS
IVY TECH COMMUNITY COLLEGE – SOUTH BEND
PROGRAM ARTICULATION with
INDIANA UNIVERSITY PURDUE UNIVERSITY – INDIANAPOLIS

IVY TECH COURSE	CREDITS	IUPUI COURSES	CREDITS
COM 101 Fundamentals of Public Speaking	3	COMM R110 Fundamentals of Speech Communications	3
ENG 111 English Composition	3	ENG W131 Elementary Composition I	3
Humanities/Soc Science Elective	3	Humanities/Soc Science Elective	3
Humanities/Soc Science Elective	3	Humanities/Soc Science Elective	3
IVY 101 Life Skills Elective	1		
MAT 136 College Algebra and	3	MATH 153 Algebra & Trigonometry I	3
MAT 137 Trigonometry W/Analytic Geometry **(Central)**	3	MATH 154 Algebra & Trigonometry II	3
MAT 133 College Algebra and	4	MATH 153 Algebra & Trigonometry I	3
MAT 134 Trigonometry w/Analytic Geometry **(North Central)**	2	MATH 154 Algebra & Trigonometry II	3
MAT 210 Calculus for Technology*	3	MATH 221 Calculus for Tech I	3
PHY 101 Physics I	4	PHYS 218 General Physics I	4
ECT 111 Intro to Circuit Analysis	4	ECET 107 Intro to Circuit Analysis	4
ECT 112 Digital Fundamentals	3	ECET 109 Digital Fundamentals	3
ECT 122 Digital Applications	4	ECET 155 Digital Applications	3
ECT 121 Electronics Circuits Analysis	4	ECET 157 Elect Circuit Analysis	4
ECT 128 Intro to C Programming **	3	ECET 164 Applied Obj. Orien. Prog.	3
ECT 222 Intro to Microcontrollers **	4	ECET 209 Intro to Microcontrollers	4
ELT 223 & Electrical Machinery & **	3	ECET 231 Electrical Power & Controls	4
MIT 205 Programmable Controllers I **(Central)**	3		
EET 221 Electrical Power and Controls **(North Central)** **	4	ECET 231 Electrical Power & Controls	4
ELT 226 Computer Troubleshooting **	3	ECET 234 PC Systems I	3
ELT 203 Industrial Controls **(Central)**	3	Technical Elective	3
EET 223 Power & RF Electronics ** **(North Central)**	4	Technical Elective	3
DSN 103 Technical Graphics	3	CGT 120 Electrical & Electronic Drafting	2
ENG 211 Technical Writing	3	ENG W231 Prof. Writing Skills (TCM)	3
Total Hours in AS Electrical Engineering Technology Required at Ivy Tech Community College – **Central** Indiana	66	Total Hours Articulated to the BS in Electrical Engineering Technology Program	61
Total hours in AS Electrical Engineering Technology Required at Ivy Tech Community College- **North Central**	65	Total Hours Articulated to the BS in Electrical Engineering Technology Program	61

* **New course being developed to be articulated in the future**

** **Indicates courses to be developed or significantly modified. Pertinent IUPUI and Ivy Tech faculty will meet at the start of each semester in the fall 2006-spring 2008 timeframe to insure equivalency.**

(Central)=unique to IVTC Central Region - Indianapolis

(North Central)=unique to IVTC North Central Region – South Bend