



Adv Mfg Regional Student Enrollment Totals Southeast Indiana 2008 - 2009

ADV MFG PROGRAM	BASELINE DATA (PRE-EcO15)	REGIONAL PROGRAM TOTAL SPRING 2008	REGIONAL PROGRAM TOTAL SPRING 2009	CHG - as % of PRIOR SEMESTER
HIGH SCHOOL				
Project Lead the Way		459	1211	164%
MSSC		237	4	-98%
CAREER TECH ED	561	2626	2728	4%
Total (STEM)		24532	31959	30%
POST SECONDARY*	886	502	531	6%
* Ivy Tech - Reg 10, Reg 11, PCT, IUPUC, Hanover College				
Combined Enrollment Total		28356	36433	28%

Adv Mfg Enrollments SummaryComparison.xlsx6/15/2009

Adv Mfg Program / Course	REGIONAL PROGRAM TOTAL SPRING 2008	REGIONAL PROGRAM TOTAL SPRING 2009	CHG - as % of PRIOR SEMESTER
Project Lead the Way			
Design and Modeling	0	87	
The Magic of Electrons	0	37	
Science of Technology	0	37	
Automation and Robotics	0	144	
Flight and Space	0	0	
Intro to Engineering Design - IED	157	457	191%
Principles of Engineering - POE	101	136	35%
Computer Integrated Manufacturing - CIM	27	33	22%
Digital Electronics	27	30	11%
Engineering Design and Development - EDD	0	36	
Industrial Technology	129	93	-28%
EDD (Capstone Course)	9	0	-100%
Civil Eng & Arch.	9	22	144%
Principles of BioMed	0	99	
SUB-TOTAL - ALL PLTW	459	1211	164%
MSSC - Mfg Skills Standards Certification			
Safety (1)	66	0	-100%
Quality Practices & Measurement (2)	59	0	-100%
Mfg Processes & Production (3)	59	4	-93%
Maintenance Awareness (4)	53	0	-100%
SUB-TOTAL - ALL MSSC	237	4	-98%
Career Technical Education	0	0	
Computer Aided Design - CAD	378	160	-58%
Electronics	231	54	-77%
Electrical Trades	66	48	-27%
Machine Trades	180	77	-57%
Computer Numeric Controls	0	0	
Computer Technology	1120	553	-51%
Welding	265	231	-13%
Graphic Imaging Technology 1 & 2	0	52	
Drafting	0	75	
Introduction to Technology	0	83	
Computer Repair	13	19	46%
ICE Work to School	39	179	359%
Manufacturing Systems (Into to Technology)	31	104	235%
Manufacturing Systems	69	112	62%
Manufacturing Processes	7	92	1214%
Paxton/ Patterson Tech Ed.	224	335	50%
Digital Media	2	48	2300%
Computer Network	1	25	2400%
SUB TOTAL - ALL CAREER TECH ED	2626	2251	
SUB TOTAL FOR S E C C - VERSAILLES		0	
SUB TOTAL FOR C4 PGM - COLUMBUS		477	
SUB TOTAL - ALL CAREER TECH ED	2626	2728	4%
STEM CURRICULUM	0	0	
Pre-Calculus/Trig/AP Calculus	2226	1915	-14%
Algebra Honors	116	296	155%
Pre-Algebra	171	1402	720%
Algebra I & II	7192	6701	-7%
Advanced Algebra / Algebra IB	122	364	198%
Probability & Statistics / AP Statistics	600	401	-33%
Discrete Mathematics	59	212	259%
Calculus I , II, & III	464	322	-31%
General Physics I & II	1088	1154	6%
University Physics I & II	131	123	-6%
General Chemistry I & II	3126	2897	-7%
Organic Chemistry I & II	31	13	-58%

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AP Chemistry	10	70	600%
Principles of Biology / AP Biology	4334	2089	-52%
Adv Environmental Science	43	105	144%
Earth & Space Science	1199	1817	52%
Life Science	86	221	157%
Integrated Chemistry & Physics	347	1011	191%
Biology I & II	710	2446	245%
Biology, Bio Honors & AP Biology	318	1372	331%
Geology	13	31	138%
School Yearbook/Media Productions	12	551	4492%
Computer Applications	0	829	
Human Physiology	49	187	282%
Human Anatomy	55	411	647%
Human Genetics	0	103	
Zoology Vertebrate	57	158	177%
Zoology Invertebrate	18	123	583%
Botany	28	94	236%
Intro to Engineering	50	124	148%
Tech Systems	69	176	155%
Transportation	54	258	378%
Construction Systems	64	185	189%
Construction Processes	11	82	645%
Building Trades	23	150	552%
Geometry	1593	2932	84%
AP Chemistry	40	366	815%
AP Physics	20	41	105%
College Chemistry at Hanover	1	0	-100%
Integrated Chem/Physics	2	184	9100%
Medical Biology		9	
AP Computer Programming		34	
SUB TOTAL - ALL STEM	24532	31959	30%
IVY TECH - REGION 10 (Columbus)	0	0	
Drafting, CAD, Design	34	45	32%
Electronics, Electrical Maintenance, Electricians	7	5	-29%
HVAC	0		
Industrial Maintenance	1	6	500%
Robotics	0	0	
Manufacturing Tech	113	72	-36%
Machine Tool Tech	0	2	
Industrial Tech	0	23	
Quality Tech	0	0	
Supervision	0	0	
Welding	0		
SUB TOTAL IVY TECH - REG 10	155	153	-1%
IVY TECH - REGION 11 (Madison)	0	0	
Manufacturing and Industrial Technology	64	67	5%
Design Technology	23	23	0%
Electronics	21	11	-48%
Welding	0	11	
Supervision	0	0	
	0	0	
SUB TOTAL IVY TECH - REG 11	108	112	4%
PURDUE COLLEGE OF TECHNOLOGY	0	0	
AS& BS -Mechanical Engineering Technology	61	75	23%
AS & BS Industrial Technology	14	6	-57%
AS&BS Org Leadership & Supervision (OLS)	122	68	-44%
AS&BS Computer Information Technology	42	33	-21%
Mechatronics Modules	0	0	

Adv Mfg Program / Course	REGIONAL PROGRAM TOTAL SPRING 2008	REGIONAL PROGRAM TOTAL SPRING 2009	CHG - as % of PRIOR SEMESTER
	0	0	
SUB TOTAL FOR PCT	239	182	-24%
IUPUC	0	0	
Technical Management Program	0	0	
HANOVER COLLEGE			
Computer Aided Design - CAD		42	
Accounting		19	
Advanced Physiology		14	
Advanced Life Science		9	
SUB TOTAL HANOVER COLLEGE	0	84	
Enrollment Totals	28356	36433	28%
COUNTY - % Increase Over Prior Semester			
EGR9 TOTALS - MARCH 2008			
EGR9 TOTALS - OCT. 2008			
EGR9 TOTAL PERCENT INCREASE OVER PRIOR			