

Erie County Technical School

Appeal of Findings

Pennsylvania Department of Education
Bureau of Career and Technical Education
2010-2011 Approved Program Evaluation
Final Report
December 21, 2010

Submitted January 29, 2011

**Erie County Technical School
2010-2011 Approved Program Evaluation Final Report
Appeal of Findings in Final Report of December 21, 2010**

Per regulation provided in 22 § 339.62, Noncompliance; appeal process, the Erie County Technical School (School) is appealing certain findings contained in the Department of Education, Bureau of Career and Technical Education (Bureau), Approved Program Evaluation, Final Report dated December 21, 2010. The findings in the final report are based on an on-site audit conducted by the Bureau on September 28-30, 2010. The school has completed the Bureau of Career and Technical Education, Approved Program Evaluation Correction Plan and Status Update, 2010-2011 and has noted in the correction plan and status update the corrections it is appealing. The correction plan and status update provides the grounds for the school's appeal and a brief explanation of the grounds. It is the intent of this document to provide a thorough explanation for the appeal and evidence supporting the appeal.

It is helpful to note the Bureau's final report contained 12 corrections. The school is appealing eight (8) of the 12 corrections. The school took exception to two other corrections contained in the final report, but is providing plans to address those corrections. All told, the Approved Program Evaluation audited 93 areas. The school collected and provided evidence for all 93 areas. Of the 93 areas, 35 were audited from a campus-wide perspective. Twelve of the areas examined the Diversified Occupations Cooperative Program. The audit team reviewed 46 areas on each of the school's 18 CTE programs.

The rationale behind each of the appeals is as follows:

Correction Cited—1.2:

CIPs 46.0201 Carpentry/ Carpenter and CIP 52.1905 Tourism & Travel Services Marketing - Provide documentation of the high-level academic courses that are integrated within the technical curriculum and instruction in this occupational program.

Grounds for Appeal: Inconsistent analysis and interpretation, on a program-by-program basis, by the audit team members of the evidence provided by the school.

Explanation: As evidence in each of the program binders, the school provided a transcript for the academic and technical courses for one student. A post-audit review of the transcripts for the cited programs revealed one student took six (6) high-level academic classes, while the other student took nine (9) high-level classes. No definition of high-level academic classes or an assessment criterion was apparent in the audit documents, Ch. 4 or Ch. 339.

A post-audit review of all other programs revealed eight (8) programs had students with transcript data that was equal to or less than the cited programs. For the post-audit review, the school characterized 'high-level' academic classes as those recommended by PDE for the post-secondary scope and sequence in CATS program approval.

See Appendix A beginning on page 8 for copies of the transcripts that were reviewed for the cited programs, transcripts for a sample of other programs, and a spreadsheet that summarizes the transcript data.

Remedy Sought: Remove the correction, provide a definition for ‘high-level’ academic classes, and establish criteria for evaluating the same.

Correction Cited—4.1:

CIP 52.1201 Management Information Systems, General - Provide a copy of the valid teaching certificate and license for each teacher assigned to this approved CIP.

Grounds for Appeal: Inadequate audit process

Explanation: In 1992, the school revised programs from a two-year model to a three-year model. As part of program approval during this process, the Bureau of Career and Technical Education recommended the program, based on CIP 11.0101, be transformed to CIP 52.1201. In correspondence associated with the program approval process, the Bureau of Career & Technical Education indicated ‘the teacher will be protected’ under the change in the CIP.

See Appendix B beginning on page 20 for the correspondence from the Bureau regarding protecting the faculty member’s certification.

Remedy Sought: Remove the correction and modify the program approval system to allow assignment of this teacher to this program.

Correction Cited—6.3:

CIP 32.0105 Job Seeking/Changing Skills - Provide evidence that school entities provide students with adequate supports to meet academic standards as determined by Chapter 4, when applicable, with the student’s IEP, and that instruction in academic areas at all school entities where the student is enrolled is appropriate to the chosen area of occupational training. Evidence includes transcripts, course sequences, student IEPs, support plans and operating agreements.

Grounds for Appeal: Unfamiliarity with or misinterpretation of relevant school code and inadequate audit process

Explanation: § 339.3 Satellite program contains provisions for area vocational-technical boards to operate vocational education programs in participating school districts. In a July 2006 motion, the technical school’s joint operating committee approved a memorandum of understanding with the Wattsburg Area School District to operate a Diversified Occupations program at Seneca High School. The memorandum of understanding, based on the specific requirements in § 339.3, defines the responsibilities of the area vocational-technical school and school district. The school code and memorandum make the school district responsible to provide *assignment of students in the classes* and *supporting services, such as student guidance* (special education services and adequate supports).

See Appendix C beginning on page 23 for the memorandum of understanding with the Wattsburg Area School District for the provision of a Diversified Occupations program.

Remedy Sought: Remove the correction or audit the school district for adequate supports; and, improve the audit process to include personal interviews with administrative staff members when areas of correction 'are first noted.'

Correction Cited—9.3:

Provide evidence that joint planning occurs between the CTC/AVTS and the district of residence around the academic and other needs of attending students. Evidence includes agendas and minutes of joint operating committee meetings and of administrative committees.

Grounds for Appeal: Inadequate audit process

Explanation: Evidence in the campus-wide binder for this section included the agenda and supporting documents from a professional advisory council meeting held in December 2009 and February 2010. Topics on those agendas that dealt with joint planning around academic and other needs of students included:

- PSSA Results 2008-2009
- Special Education Transition Center
- Special Education Q&A
- Access to Career & Technical Education
- Honors Student Recognition
- 2010-2011 Applications Review
- PSSA Results Review
- Admissions Policy
- Best Practices Site Visit

It is the custom of the school's professional advisory council not to have minutes taken of the meetings. Matters of significance from the council's meetings are reported by the Superintendent of Record to the Joint Operating Committee at the committee's monthly meeting. The topics within the Superintendent of Record's report to the committee are recorded in the minutes by the board secretary.

Additional consultation and investigation by the auditor with the auditee would have revealed evidence of joint planning between the school, the superintendents, the operating committee and the districts. The absence of minutes from the professional advisory council does not show an absence of joint planning.

Remedy Sought: Remove the correction or change it to a recommendation; and, improve the audit process to include personal interviews with administrative staff members when areas of correction 'are first noted.'

Correction Cited—12.1:

Provide documentation that annual meetings of the LAC provide advice to the board and the administration concerning the program of the school, including its general philosophy, academic and other standards, strategic plans, course offerings, support services, safety requirements and the skill needs.

Grounds for Appeal: Inadequate audit process

Explanation: In lieu of an annual meeting with a local advisory council, the school participates in several groups and entities to acquire advice and guidance on the items listed in the correction. The groups include (locale; sponsor; and meeting frequency):

- County-level Workforce Development Team (county; sponsored by WIB; monthly)
- Industry Partnerships (regional; sponsored by WIB; quarterly)
- Youth Council (regional; sponsored by WIB; quarterly)
- Regional Chamber and Growth Partnership (county; sponsored by Chamber; quarterly)
- Workforce Investment Board (regional; quarterly)
- Program and Policy Committee of Workforce Investment Board (regional; quarterly)
- DACUM Workshops (local; sponsored by school; 3 to 4 per year)

The school's use of these 'connections' (business, industry, labor and workforce agencies) provides timely, relevant and consistent advice. The Bureau encourages schools to become involved with the activities of our workforce investment boards and agencies like them. Additional consultation and investigation by the auditor with the auditee would have revealed that involvement with these alternative groups meets and exceeds the standard.

Remedy Sought: Remove the correction or change it to a recommendation; and, improve the audit process to include personal interviews with administrative staff members when areas of correction 'are first noted.'

Correction Cited—15.6:

CIP 15.1301 Drafting & Design Technology/ Technician, General - Provide the industry-defined standards, certifications, regulations or licensing agreements demonstrated through industry assessment, industry credentials, industry certification, license or State assessment and provide the number of students who have earned industry credentials/ certifications.

Grounds for Appeal: Inconsistent analysis and interpretation, on a program-by-program basis, by the audit team members of the evidence provided by the school.

Explanation: The evidence provided by the school showed the number of industry certifications attained by the students in this program for 2009 and 2010. During those two years, no students in the Drafting & Design program acquired a certificate from the American Design Drafting Association. As it is, the nearest location to take the test is Harrisburg.

School Code does not require students to acquire industry certifications, only that the program is based on an industry standard which is then demonstrated through industry assessment, industry credential, industry certification, license or State assessment.

A post-audit review of all evidence provided revealed seven (7) other programs that had identical circumstances—no student certifications for two years. They were not assigned a correction status. Of the eight programs with no student certifications, two programs, Drafting & Design and Early Childhood Education, are accredited by a national certifying agency. The other programs had no national program accreditation.

See Appendix D beginning on page 31 for a summary of programs with and without student certifications.

Remedy Sought: Remove the correction and audit programs on a consistent basis to the comprehensive standard (e.g. industry assessment, industry credential, industry certification, license or State assessment).

Correction Cited—22.1:

CIPs listed below – It was noted during the APE review that there were a number of signed articulated agreements that are not shown in CATS. Insure that all one to one articulations, in addition to the statewide articulation are listed with the accompanying post-secondary scope and sequence with each approved Tech Prep or POS delivery.

Grounds for Appeal: Audited to a non-relevant standard

Explanation: For each Tech Prep or Program of Study program, the school has recorded articulation agreement information into the CATS system. The school has over 120 articulation agreements across the 18 programs it operates. The articulation information is communicated to our students and their families. Based on the data entry required to enter articulation information into CATS, it would be too costly to enter this information into the CATS system and would provide no additional value to the school or students by doing so.

Neither school code or program approval assurances requires ‘all’ articulation agreements be placed in the CATS system.

Remedy Sought: Remove the correction or change it to a recommendation; and, improve the audit process to include personal interviews with administrative staff members when areas of correction ‘are first noted.’

Correction Cited—24.1:

All CIPs - Provide documentation the all corrections identified in the previous APE have been completely satisfied and fully implemented.

Grounds for Appeal: Inadequate audit process

Explanation:

Comments noted in 2010 of the 2006 corrections:

- 1) SkillsUSA is still the only CTSO utilized
- 2) Provide OAC minutes with recommendations with administrative responses to requests and recommendations that follow the PDE guidelines
- 3) Local Advisory Council, minutes to support agendas are not available
- 4) Masonry filter still an issue? OAC recommendation needed regarding this issue.

With regard to the first item, school code does not require the use of multiple career and technical student organizations. SkillsUSA does an excellent job providing opportunities for all of our students in all of our programs. We have found it to be a challenge to find staff members that are willing to oversee the organization. From a school's perspective, other student organizations should be offered only when a school or instructor see the value and can effectively manage such an organization's requirement.

With regard to the second item, the school has a corrective action plan to address another deficiency with our occupational advisory committees. Neither Ch. 4 nor Ch. 339 requires that administrative responses be provided to recommendations by the occupational advisory committees. Minutes are reviewed by administrative staff members. When appropriate or at the OAC's request, administrators meet with committees to provide feedback to their recommendations.

With regard to the third item, the school has submitted an appeal, see Correction Cited—12.1.

With regard to the fourth item, the school has taken various actions to address the air quality in the masonry laboratory. Since 2006, the school has contracted for an indoor air quality assessment in the laboratory. The report from that assessment found the air quality acceptable. The school also moved the mortar reclaiming and mixing station from the middle of the laboratory to an exterior wall and added a mechanical vent to remove dust during the mortar reclamation and mixing processes. The school also implemented and continues to practice additional custodial measures to address the dust in the laboratory. Those measures include the purchase and use of a sweeping compound that reduces dust kick-up and the use of a floor scrubbing machine in the laboratory once a week.

Additional consultation and investigation by the auditor with the auditee would have revealed that all but item three (3) of the prior corrections have been addressed.

Remedy Sought: Remove the corrections for items 1, 2 and 4; and, improve the audit process to include personal interviews with administrative staff members when areas of correction 'are first noted.'

Appendix A

Transcripts from Programs Cited for Correction
Transcripts from Programs Not Cited for Correction
Chart Summarizing High-Level Academic Classes



Erie County Technical School
and Regional Career and Technical Center

Our Passion: Sharing Expertise to Spark Career Potential

8500 Oliver Road Erie, Pennsylvania 16509-4699
Phone: (814) 464-8600 <http://www.ects.org>

Student Transcript

PREPARED FOR:
Douglas S Myers, Jr.
4636 Golden Road
McKean PA 16426

District Record: General McLane
Home Telephone: (814) 476-0164
Program of Study: Construction Trades
Date of Entry: 08/27/2008

Term	Course	Description	Hours	GPA
0809Q1A	CNT111	Masonry Principles	30.00	3.98
0809Q1A	CNT112	Introduction to Brick and Block Leads	45.00	3.79
0809Q1A	CNT113	Brick & Block Layout, Piers & Comp Walls	45.00	2.73
0809Q2A	CNT114	Laser Technology in Block Construction	30.00	1.50
0809Q2A	CNT115	Advanced Brick Techniques	45.00	0.09
0809Q2A	CNT116	Math Application in Foundation Layout	45.00	3.14
0809Q3A	CNT101	Construction Hand and Power Tools	45.00	2.79
0809Q3A	CNT102	Construction Materials and Applications	30.00	2.55
0809Q3A	CNT103	Math Concepts in Construction	45.00	2.69
0809Q4A	CNT104	Blueprint Reading and Specifications	30.00	3.52
0809Q4A	CNT121	Basic Framing Techniques	45.00	1.53
0809Q4A	CNT122	Basic Exterior Applications	45.00	2.17
0809Q4C	PFS109	Leadership	15.00	3.45
0809QAC	ATT109	AM Attendance	0.00	0.00
0910Q1P	CNT221	Site Preparation and Layout	30.00	2.90
0910Q1P	CNT222	Fundamentals of Floor Framing	45.00	2.46
0910Q1P	CNT223	Applied Foundations and Floor Framing	45.00	3.07
0910Q2P	CNT224	Principals of Wall Layout	30.00	3.17
0910Q2P	CNT225	Fundamentals of Wall Framing & Construct	45.00	1.46
0910Q2P	CNT226	Advanced Wall Framing and Construction	45.00	2.81
0910Q3P	CNT227	Gable Roof Construction	30.00	3.62
0910Q3P	CNT228	Hip Roof Construction	45.00	2.71
0910Q3P	CNT229	Advanced Roof Construction	45.00	2.42
0910Q4C	PFS209	Business Principles	15.00	2.28
0910Q4P	CNT231	Roofing Materials and Applications	45.00	0.64
0910Q4P	CNT241	Stair Layout and Construction	45.00	1.94
0910Q4P	CNT242	Interior Trim	30.00	2.71
0910QPC	ATT309	PM Attendance	0.00	0.00
1011Q1P	CNT321	Res. Const Planning, Scheduling and Mgt	30.00	0.00
1011Q1P	CNT322	Adv. Foundations and Floor Framing	45.00	0.00
1011Q1P	CNT323	Advanced Exterior Wall Framing	45.00	0.00
1011QPC	ATT309	PM Attendance	0.00	0.00

ECTS Grade Scale: A: 4.0-3.5 | B: 3.4 - 2.5 | C: 2.4-1.5 | D: 1.4-0.7 | F: 0.6-0.0

ECTS GPA: 1.40

Please note that all data presented on this report represents progress as of 09/09/2010 at approximately 2:37 pm

Student ID 30933554 Name Myers Jr., Douglas Date of Birth 4/28/93
General McLane High School
11761 Edinboro Road
Edinboro, PA 16412
Tel: (814) 273-1033
Fax: (814) 273-1035

gm

Rank 137/178 GPA 2.510 Gr Pts 60.25 Earned 23.50 Potential 24.00

Year: 2010									
Class	Term	Grade: 11	Absent: 2.5	Tardy: 1.0	Final	Credits	Teacher	GPA for Year	Credits for Year
Algebra II	B	F		C	1.00	Reed, Jeremy			
Drivers Ed Book		A		A	0.25	Wells2, Jim A			
Economics	B			B	0.50	Hager, Charles W			
English 11 Aca			C	C	1.00	Lerch, Karen S			
Health 11 M			B	B	0.25	Manchester, Sid R			
Health 11B				C	0.25	Manchester, Sid R			
PE 11				A	0.25	Manchester, Sid R			
PE 11 B			A	A	0.25	Manchester, Sid R			
Phys Ed		A		A	0.25	Wells, Jim A			
VT Construction Trad	B	C	B	C	4.00		2.344	8.00	
Year: 2009									
Class	Term	Grade: 10	Absent: 3.0	Tardy: 1.0	Final	Credits	Teacher	GPA for Year	Credits for Year
Arts & Humanities		C		C	0.50	Dill, Liliana J			
Biology I			B	B	1.00	Gilbert, Christopher			
English 10 Adv.	F	C		C	1.00	Scarpitti, Mark			
Geometry			C	C	1.00	Woodward, Darcy J			
Government	C			C	0.50	Woodward, Brian S			
VT Construction Trad	A	C	B	C	4.00		2.625	8.00	
Year: 2008									
Class	Term	Grade: 9	Absent: 2.0	Tardy: 4.0	Final	Credits	Teacher	GPA for Year	Credits for Year
Algebra IA			A	A	0.50	Troutman, Karen D			
Algebra IA	F			F	0.00	Troutman, Karen D			
Algebra IB				C	0.50	Troutman, Karen D			
Art I	B			B	0.50	Snow, John W			
English 9 Aca			B	C	1.00	Marton, Amanda			
Environmental Biolog	C	C		C	1.00	Turner, Rebecca			
Fashion Strategies I		C		C	0.50	Donovan, Heather			
Health 9			B	B	0.25	Smrekar, Michael R			
Health 9 M				B	0.25	Smrekar, Michael R			
Intro Metal Material	B			B	0.50	Lowry, Kristopher L			
Intro to Wood				C	0.50	Kozuchowsky, Michael			
Jewelry		C		C	0.50	Snow, John W			
PE 9			A	A	0.25	Smrekar, Michael R			
PE 9 B				A	0.25	Smrekar, Michael R			
Programming I			A	A	0.50	Capozzoli, Christine L			
World Cultures		C		C	0.50	Woodward, Brian S	2.563	7.50	



GRADING SYSTEM
A = 90 -100
B = 80 - 89
C = 70 - 79
F = below 70

Member of the
Successful Schools Network.
In calculating Grade Point Average,
Accelerated courses are given a
weight of 1.2 and Basic courses a
weight of .8

GRADUATION INFORMATION

Date of Graduation _____
Student ranked _____ in a class of _____
Final G.P.A. _____
on a scale of _____



Erie County Technical School
and Regional Career and Technical Center

8500 Oliver Road Erie, Pennsylvania 16509-4699
Phone: (814) 464-8600 <http://www.ects.org>

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Student Transcript				
PREPARED FOR:		District Record: Harbor Creek		
Mark A Green		Home Telephone: (814) 833-0997		
3704 Cumberland Road		Program of Study: Tourism & Hospitality Management		
Erie PA 16510		Date of Entry: 04/20/2010		
Term	Course	Description	Hours	GPA
1011Q1A	THM201	Intro to Hospitality Organization & Serv	30.00	0.00
1011Q1A	THM202	Hotel Safety & Security	15.00	0.00
1011Q1A	THM203	The Guest Cycle	30.00	0.00
1011Q1A	THM251	Back of the House Internship I	45.00	0.00
1011QAT	ATT109	AM Attendance	0.00	0.00
ECTS Grade Scale: A: 4.0-3.5 B: 3.4 - 2.5 C: 2.4-1.5 D: 1.4-0.7 F: 0.6-0.0			ECTS GPA: 0.00	

Please note that all data presented on this report represents progress as of 09/09/2010 at approximately 2:17 pm

TRANSCRIPT

HARBOR CREEK SENIOR HIGH SCHOOL

6375 Buffalo RD
Harbor Creek PA 16421
School Phone: (814) 897-2100

09/13/2010 10:31:49 AM

Page 1

Student#/Grade: 012000 - 11
Name/Address: GREEN, MARK ANTHONY
3704 CUMBERLAND RD
ERIE PA 16510

Birthdate: 10/27/1993
Guardian: JOHN & STEPHANIE MCFADDEN
Phone: (814)833-0997

Grade 9 - 2008-2009							Grade 10 - 2009-2010						
COURSE NAME	Q1	Q2	Q3	Q4	FINAL	CREDIT	COURSE NAME	Q1	Q2	Q3	Q4	FINAL	CREDIT
Decision Making I	B	A	B	F	C	1.000	Assist (S 1)	P	P			P	0.500
Assist General (S1)	P	P			P	0.500	Decision Making II	C	D	B	C	C	1.000
English 9	C	C	D	F	D	1.000	English 10	F	F	B	A	B	1.000
Am Cult I 9	A	B	B	C	B	1.000	Am Cult II	F	F	C	B	D	1.000
Integ Sci	C	C	D	D	C	1.000	Criminal Justice	C	D	C	D	C	1.000
Core Algebra 1	B	B	B	D	C	1.000	Consumer Chemistry	D	D	F	D	D	1.000
Computer II (S)			B	B	B	0.500	Core Algebra 2	D	D	C	D	D	1.000
Health 9 (S)	A	C			B	0.500	Band Sr.High	B	A	A	B	B	1.000
Phys. Ed. 9 (S)	A	A			A	0.500	Phys. Ed. /Health 10 (S)			A	B	B	0.500
Aquatics (S)			B	B	B	0.500							
Futures I (S)			B	D	C	0.500							
ABS - 1.5 TDY - 0.0							ABS - 5.0 TDY - 3.0						
CUR GPA - 2.433 ATT CR - 7.500 ERN CR - 8.000							CUR GPA - 1.833 ATT CR - 7.500 ERN CR - 8.000						
CUM GPA - 2.433 ATT CR - 7.500 ERN CR - 8.000							CUM GPA - 2.133 ATT CR - 15.000 ERN CR - 16.000						
CUR QPA - 2.433 CUM QPA - 2.433 CLASS RANK - 126/189							CUR QPA - 1.833 CUM QPA - 2.133 CLASS RANK - 143/181						
Grade 11 - 2010-2011													
COURSE NAME	Q1	Q2	Q3	Q4	FINAL	CREDIT							
Assist General (S1)													
Assist General (S2)													
English 11													
Wd Cult													
Core Geometry													
Cur.&Hosp. Mgmt. 12AM													
ABS - 0.0 TDY - 0.0													
CUR GPA - ***** ATT CR - 0.000 ERN CR - 0.000													
CUM GPA - 2.133 ATT CR - 15.000 ERN CR - 16.000													
CUR QPA - ***** CUM QPA - 2.133 CLASS RANK - N/A													

School
Seal

Harbor Creek Final Grades determine earned credits.
Quarter grades are used to calculate GPA/QPA

Date Entered:

Date Withdrawn:



Erie County Technical School
and Regional Career and Technical Center

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8500 Oliver Road Erie, Pennsylvania 16509-4699
Phone: (814) 464-8600 <http://www.ects.org>

Student Transcript

PREPARED FOR:
Samantha L Jayohn
3002 Laird Avenue
Erie PA 16505

District Record: McDowell High School
Home Telephone: (814) 838-7170
Program of Study: Early Childhood Education
Date of Entry: 08/27/2008

Term	Course	Description	Hours	GPA
0809Q1A	ECE101	Orientation to Early Childhood Education	45.00	2.60
0809Q1A	ECE102	Professional Behavior & Teamwork	45.00	2.93
0809Q1A	ECE114	First Aid Training	15.00	3.93
0809Q1A	ECE191	Applied Practices	15.00	1.22
0809Q2A	ECE104	Using Equipment and Materials	15.00	1.69
0809Q2A	ECE106	ECE Math I	15.00	4.00
0809Q2A	ECE112	Safety in Child Care I	30.00	2.19
0809Q2A	ECE123	Monitoring Children's Health I	45.00	1.04
0809Q2A	ECE192	Applied Practices	15.00	2.58
0809Q3A	ECE113	Safety and Sanitation in Child Care	30.00	0.07
0809Q3A	ECE121	Food Service I	45.00	0.62
0809Q3A	ECE144	Famous Authors I	30.00	1.10
0809Q3A	ECE193	Applied Practices	15.00	1.52
0809Q4A	ECE111	PA DPW Regulations for Child Care	45.00	1.44
0809Q4A	ECE122	Food Service II	30.00	1.55
0809Q4A	ECE124	Monitoring Children's Health II	30.00	0.60
0809Q4A	ECE194	Applied Practices	15.00	3.52
0809Q4E	PFS109	Leadership	15.00	2.92
0809QAE	ATT109	AM Attendance	0.00	0.00
0910Q1P	ECE356	Performance Objectives & Conducting Less	45.00	3.46
0910Q1P	ECE361	Preparing Teaching Aids	15.00	1.54
0910Q1P	ECE381	Job Preparation	45.00	3.50
0910Q1P	ECE391	Applied Practices	15.00	2.17
0910Q2P	ECE306	ECE Math III	15.00	3.80
0910Q2P	ECE353	Diversity in the Classroom	45.00	0.55
0910Q2P	ECE354	Developing Unit Plans	30.00	0.70
0910Q2P	ECE372	Parent Involvement	30.00	3.45
0910Q2P	ECE392	Applied Practices	15.00	3.57
0910Q3P	ECE344	Famous Authors III	30.00	3.58
0910Q3P	ECE357	Evaluating Curriculum	15.00	3.63
0910Q3P	ECE371	Parent Communication	30.00	3.34
0910Q3P	ECE373	Community Resources	30.00	3.55
0910Q3P	ECE393	Applied Practices	15.00	3.54
0910Q4E	PFS209	Business Principles	15.00	2.96
0910Q4P	ECE374	Preschool Operations	30.00	2.55
0910Q4P	ECE382	Job Interview/National Accred./Cont.Ed.	45.00	2.81
0910Q4P	ECE383	Internships	30.00	3.18
0910Q4P	ECE394	Applied Practices	15.00	3.47
0910QPE	ATT309	PM Attendance	0.00	0.00
1011Q1P	ECE221	Physical Development Routines	45.00	0.00
1011Q1P	ECE222	Monitoring Children's Health III	30.00	0.00
1011Q1P	ECE243	Music and Movement	30.00	0.00
1011QPE	ATT309	PM Attendance	0.00	0.00

ECTS Grade Scale: A: 4.0-3.5 | B: 3.4 - 2.5 | C: 2.4-1.5 | D: 1.4-0.7 | F: 0.6-0.0

ECTS GPA: 1.38

Please note that all data presented on this report represents progress as of 09/09/2010 at approximately 2:18 pm

Page: 1 of 1

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Erie County Technical School
and Regional Career and Technical Center

Our Passion: Sharing Expertise to Spark Career Potential

8500 Oliver Road Erie, Pennsylvania 16509-4699
Phone: (814) 464-8600 <http://www.ects.org>

Student Transcript

PREPARED FOR:
Anthony M Brown
8851 Crossingville Road
Albion PA 16401

District Record: Northwestern
Home Telephone: (814) 756-4106
Program of Study: Drafting & Design
Date of Entry: 08/27/2008

Term	Course	Description	Hours	GPA
0809Q1A	DDE101	Fundamentals of Drafting	30.00	3.63
0809Q1A	DDE111	Use of Measuring Tools	15.00	3.51
0809Q1A	DDE121	Linework & Engineering Lettering	30.00	3.60
0809Q1A	DDE122	Geometric Construction & Applications I	30.00	3.60
0809Q1A	DDE142	Drafting Math	15.00	3.09
0809Q2A	DDE123	Geometric Construction & Applications II	45.00	3.51
0809Q2A	DDE124	Freehand Technical Sketching	30.00	2.51
0809Q2A	DDE125	Orthographic Projection I	45.00	3.48
0809Q2D	PFS109	Leadership	15.00	3.31
0809Q3A	DDE126	Orthographic Projection II	45.00	2.42
0809Q3A	DDE127	Dimensioning Techniques	45.00	1.01
0809Q3A	DDE131	Managing the Computer in CADD	30.00	1.82
0809Q4A	DDE128	Intro to Section Views	45.00	2.98
0809Q4A	DDE129	Advanced Section Views	45.00	2.04
0809Q4A	DDE132	Basic Operations in CADD	30.00	3.63
0809QAD	ATT109	AM Attendance	0.00	0.00
0910Q1P	DDE231	Adv. Concepts in Mechanical Drafting	15.00	3.18
0910Q1P	DDE232	3D Solid Modeling	30.00	3.75
0910Q1P	DDE311	Structural Steel Calculations	30.00	0.00
0910Q1P	DDE333	Special Studies in CADD I	15.00	3.66
0910Q1P	DDE351	Structural Steel Shapes	30.00	0.71
0910Q2D	PFS209	Business Principles	15.00	3.55
0910Q2P	DDE241	Auxiliary Views	30.00	0.00
0910Q2P	DDE354	Process Piping	45.00	3.46
0910Q2P	DDE355	Architecture I	45.00	2.37
0910Q3P	DDE243	Screw Threads & Fasteners	45.00	2.51
0910Q3P	DDE245	Assemblies and Details I	45.00	2.40
0910Q3P	DDE357	Presentation Drafting	30.00	3.24
0910Q4P	DDE233	3D Solid Modeling Apps/Assem & Details	45.00	2.52
0910Q4P	DDE246	Assemblies and Details II	45.00	2.59
0910Q4P	DDE353	Electrical Drafting	30.00	3.71
0910QPD	ATT309	PM Attendance	0.00	0.00
1011Q1P	DDE211	Limits and Fits	30.00	0.00
1011Q1P	DDE242	Gear & Cam Design	30.00	0.00
1011Q1P	DDE334	Special Studies in CADD II	30.00	4.00
1011Q1P	DDE342	Mold Design I	30.00	0.00
1011QPD	ATT309	PM Attendance	0.00	0.00
ECTS Grade Scale: A: 4.0-3.5 B: 3.4 - 2.5 C: 2.4-1.5 D: 1.4-0.7 F: 0.6-0.0			ECTS GPA: 1.79	

Please note that all data presented on this report represents progress as of 09/09/2010 at approximately 2:21 pm

Transcript Printed: 9/9/2010

Page 1 of 1

Northwestern Senior High School

200 Harthan Way
Albion, PA 16401

BROWN, ANTHONY MICHAEL

8851 CROSSINGVILLE RD
ALBION, PA 16401

Birth Date: 07/30/1993 Cumulative GPA: 2.8083
Grade/Year: 12 Credits Earned: 22.5000
Credits Attempted: 22.5000
Grade Points Earned: 63.1875
Rank: 70 of 148

Course Code	Course Title	Note	Sem	Sem 1	Sem 2	Sem 3	Credit
2007-2008							
795	B PHYS.ED. 9	2007-2008	P		91		0.250
661	BASIC FOODS	2007-2008	Q		86		1.000
199	CIVICS	2007-2008	Z		80		1.000
098	ENGLISH 9	2007-2008	E		83		1.000
181	GERMAN I	2007-2008	Q		80		1.000
508	INTRO TO COMP. APP.	2007-2008	C		99		0.500
299	PHYS.SCIENCE 9	2007-2008	S		85		1.000
406	PRE-ALGEBRA	2007-2008	M		86		1.000
Total							6.750
2008-2009							
407	ALGEBRA I	2008-2009	M			75	1.000
800	B PHYS.ED.10	2008-2009	P			95	0.250
300	BIOLOGY I	2008-2009	S			89	1.000
884	DRAFTG & DESIGN	2008-2009	Q			87	4.000
870	DRIVER EDUCATI	2008-2009	D			85	0.500
100	ENGLISH 10	2008-2009	E			80	1.000
Total							7.750
9-2010							
	AMER STUDIES	2009-2010	Z		81		1.000
	B PHYS.ED.11	2009-2010	P	87			0.500
832	DRAFTING & DESIGN	2009-2010	Q		84		4.000
110	ENGLISH 11	2009-2010	E		70		1.000
850	HEALTH	2009-2010	H		76		0.500
413	MATH 11	2009-2010	M		81		1.000
Total							8.000

Attendance				
School Year	Absent	Tardy	Enrolled	Days In Session
2007-2008	2.50	4.00	179.00	179.00
2008-2009	0.00	0.00	0.00	179.00
2009-2010	1.00	0.00	178.00	178.00

OFFICIAL TRANSCRIPT

SEP 9 2010

DATE

LaShae M. Gollmer

AUTH. SIGN.



Erie County Technical School
and Regional Career and Technical Center

Our Passion: Sharing Expertise to Spark Career Potential

8500 Oliver Road Erie, Pennsylvania 16509-4699
Phone: (814) 464-8600 <http://www.ects.org>

Student Transcript

PREPARED FOR:
Ashley R Borland
111 South Main Street
Union City PA 16438

District Record: Union City
Home Telephone: (814) 438-6093
Program of Study: Automotive Body Repair
Date of Entry: 08/27/2008

Term	Course	Description	Hours	GPA
0809Q1A	ABR101	Orientation and Safety	45.00	3.47
0809Q1A	ABR102	Principles of Design and Construction	45.00	3.60
0809Q1A	ABR103	Hand Tools	30.00	3.43
0809Q2A	ABR104	Power Tools	30.00	2.78
0809Q2A	ABR105	Math for Auto Body Repair I	15.00	4.00
0809Q2A	ABR121	MIG Welding I	30.00	3.74
0809Q2A	ABR131	Sheet Metal Repair I	30.00	2.51
0809Q2A	PFS109	Leadership	15.00	3.65
0809Q3A	ABR111	Applied Practices I	15.00	3.71
0809Q3A	ABR122	MIG Welding II	30.00	2.11
0809Q3A	ABR132	Sheet Metal Repair II	15.00	2.97
0809Q3A	ABR141	Surface Prep	30.00	3.53
0809Q3A	ABR142	Sanding Techniques I	30.00	2.61
0809Q4A	ABR106	Vehicle Handling in the Shop	30.00	3.95
0809Q4A	ABR107	Math for Auto Body Repair II	15.00	4.00
0809Q4A	ABR112	Applied Practices II	15.00	3.84
0809Q4A	ABR143	Refinish Equipment and Techniques	30.00	3.51
0809Q4A	ABR181	Estimating	30.00	3.13
0809QAA	ATT109	AM Attendance	0.00	0.00
0910Q1P	ABR211	Laboratory Practices I	30.00	3.13
0910Q1P	ABR221	MIG Welding I	30.00	3.57
0910Q1P	ABR231	Panel Repair I	30.00	3.63
0910Q1P	ABR241	Refinishing I	30.00	3.58
0910Q2A	PFS209	Business Principles	15.00	3.67
0910Q2P	ABR201	Applied Math II	15.00	3.88
0910Q2P	ABR212	Laboratory Practices II	30.00	2.90
0910Q2P	ABR232	Panel Repair II	30.00	3.20
0910Q2P	ABR242	Refinishing II	30.00	3.36
0910Q3P	ABR213	Laboratory Practices III	30.00	2.74
0910Q3P	ABR222	MIG Welding II	30.00	3.21
0910Q3P	ABR233	Panel Repair III	30.00	2.84
0910Q3P	ABR243	Refinishing III	30.00	3.25
0910Q4P	ABR214	Laboratory Practices IV	30.00	3.26
0910Q4P	ABR223	MIG Welding III	30.00	2.73
0910Q4P	ABR234	Panel Repair IV	30.00	3.68
0910Q4P	ABR244	Refinishing IV	30.00	3.53
0910QPA	ATT309	PM Attendance	0.00	0.00
1011Q1P	ABR311	Laboratory Practices Level III	30.00	0.00
1011Q1P	ABR321	MIG Welding Level III	30.00	0.00
1011Q1P	ABR331	Panel Repair I Level 3	30.00	0.00
1011Q1P	ABR341	Refinishing I Level 3	30.00	0.00
1011QPA	ATT309	PM Attendance	0.00	0.00
ECTS Grade Scale: A: 4.0-3.5 B: 3.4 - 2.5 C: 2.4-1.5 D: 1.4-0.7 F: 0.6-0.0			ECTS GPA: 2.11	

Please note that all data presented on this report represents progress as of 09/09/2010 at approximately 2:22 pm

09/10/2010 11:16 18144388463

UCASD

PAGE 02

Union City Area School District

Official Transcript

Union City Area HS
105 Concord Street ~ Union City, PA 16438
Phone: (814) 438-7673 ~ FAX: (814) 438-8463

BORLAND, ASHLEY ROSE

111 SOUTH MAIN ST.
UNION CITY PA 16438
SS#: 182-74-8302
Date of Birth: 3/19/1993 Gender: F
Date Student Graduated: 0
Date Student Withdrew: 0
Date Printed: 9/10/2010

Cumulative GPA	3.00
Class Rank	31 out of 112
Cumulative Credits	24.50

	Sem 1 Grade	Earned Credit	Sem 2 Grade	Earned Credit	Y1 Grade	Earned Credit
09-10 Union City Area HS						
ALGEBRA III	A	1.00				
AMER. GOVERN.			B+	1.00		
CHEMISTRY	A	1.00				
ENGLISH 11			A	1.00		
GEOMETRY			C-	1.00		
VT AUTOBODY REP	B	1.75	B	1.75		
08-09 Union City Area HS						
ALGEBRA II			A+	1.00		
BIOLOGY	A	1.00				
ENGLISH 10			A-	1.00		
VT AUTOBODY REP					B	3.50
VT HEAL/PE 10			P	0.50		
WORLD HISTORY	B-	1.00				
07-08 GENERAL MCLANE HS						
ALGEBRA 1A			B	0.50		
ALGEBRA 1B			C	0.50		
ENGLISH 9 ADV	B	1.00				
ENVIRON BIO			A	1.00		
FRENCH I	C	1.00				
FRENCH II			C	1.00		
HEALTH 9	A	0.25				
HEALTH 9F	B	0.25				
PE 9	A	0.25				
PE 9B	C	0.25				
SPRING CONCERT CHOIR				0.50		
US HISTORY	C	1.00				
WEBMASTER I			A	0.50		

Continued from column 1

Continued from column 1

	Sem 1 Grade	Earned Credit	Sem 2 Grade	Earned Credit	Y1 Grade	Earned Credit	
Test:	Read	Math	Wri	Eng	Sci	Comp	Date
ACT	CR	0	0	0	0	0	00/00/00
	0	0	0	0	0	0	00/00/00
	0	0	0	0	0	0	00/00/00
SAT	0	0	0				00/00/00
	0	0	0				00/00/00
	0	0	0				00/00/00

Other Test:

**Erie County Technical School
Summary of Transcript Data Provided for Ch. 339 Audit**

Programs	Count	Math				Science					English			Humanities				Other	
		Alg 1	Alg II	Geo	Trig/Calc	Bio I	Bio II	Chem I	Chem II	Physics	Eng 10	Eng 11	Eng 12	Am Hist	World Hst	Am Gov	Other	FL I	FL II
Correction Programs																			
Construction Trades	9	x	x	x		x					x	x			x	x	x		
Tourism & Hospitality	6	x		x							x	x		x	x				
Non-Correction Programs																			
Art & Design for Business	12	x	x	x	x	x		x		x	x	x	x	x	x				
Automotive Body Repair	12	x	x	x		x		x			x	x		x	x	x		x	x
Automotive Technologies	8	x	x	x		x					x	x		x				x	
Computer Information Sys	14	x	x	x	x	x		x		x	x	x	x	x		x	x	x	
Cosmetology	14	x	x	x	x	x		x			x	x	x	x	x	x	x	x	
Culinary Arts	15	x	x	x	x	x		x			x	x	x	x	x	x	x	x	x
Drafting & Design	6	x				x					x	x		x				x	
Early Childhood Education	9					x					x	x	x	x	x	x	x	x	
Electrical Engineering	12	x	x	x	x	x					x	x	x	x	x	x		x	
Electronics	11	x	x	x		x					x	x	x	x	x		x	x	
Facilities Maintenance	4	x		x		x					x								
Graphic Communications	3					x						x					x		
Health Assistant	3	x				x											x		
Metal Fabrication	7	x				x					x	x		x		x	x		
Networking Technologies	11	x		x	x	x					x	x		x	x		x	x	x
Tool & Die	9	x	x	x		x		x			x	x		x				x	

Equal to or fewer than correction programs x : verified three times

The school characterized 'high-level' academic classes as those recommended by PDE for the post-secondary scope and sequence in CATS program approval.

Appendix B

Correspondence from Bureau of Career & Technical Education

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION
October 12, 1990

SUBJECT: Computer and Information Science
(Scientific Data Processing)
Program and Certification

TO: AVTS Directors

cc: Regional Offices
Personnel Development Centers

FROM: Ferman B. Moody, Director
Bureau of Vocational and Adult Education

Frederica Haas, Director
Bureau of Teacher Preparation and Certification

The program content of many Computer and Information Science (scientific data processing) programs have been changing to Business Data Processing. As a result, staff from the Bureau of Vocational and Adult Education and the Bureau of Teacher Preparation and Certification have worked to resolve the certification issue and at the same time provide protection for those teachers currently using the Vocational Instructional Certificate endorsed for computer technology (scientific data processing).

A grandfathering provision will be invoked for those individuals teaching courses which are similar to the Business Data Processing program. In order to protect the integrity of the business data processing certification, the following restrictions apply:

1. In those scientific data processing programs where a transformation has taken place, the computer technology certified incumbent will be grandfathered. Should there be a break in this incumbent's service or a replacement made, the business data processing certification will be required for the replacement.
2. Incumbents with a computer technology certificate are not permitted to teach business core subjects other than business data processing. They are also permitted only in those programs which have transformed from scientific data processing to business data processing.

If you have questions or concerns regarding your program approvals/certification, please contact your vocational field consultant.

FBM/d9397a



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION
333 MARKET STREET
HARRISBURG, PA 17126-0333

May 6, 1992

Mr. Lawrence Devine, CSA
Erie County AVTS
Iroquois School District
4301 Main Street
Erie, PA 16511

RECEIVED
MAY 11 1992
Iroquois School District

Dear Mr. Devine:

Your PDE-3029 application to revise the Computer and Information Science, CIP Code 11.0101, at Erie County Technical School has been reviewed by staff from the Program Approval Section, Division of Development and Youth Services.

It has been determined by the staff that the application is incomplete and cannot be processed. Therefore, the application is being returned for the following reason(s):

- o The program no longer meets the criteria for a scientific program. Therefore, it is recommended that you resubmit it as a business education program -- CIP Code 52.1201, Management Information Systems/Business Data Processing.
- o The following documentation should be included with the new application:
 - Exhibit A - Program description ✓
 - Exhibit B - Competency-based philosophy ✓
 - Exhibit C - A performance objective
 - Exhibit G - Positive labor market information ✓
 - Exhibit H - Course titles/hours
- o As per discussions with Mr. DeLuca, the teacher will be protected as per the attached memo.

August 1 will be the cutoff for reimbursement for the 1992-93 fiscal year. Applications received by August 1 will have to be approvable to qualify for reimbursement for the 1992-93 fiscal year.

Sincerely,

Clara Lea Gaston

Clara Lea Gaston
Vocational Program Approval Coordinator
Bureau of Vocational-Technical Education

Enclosures

cc: Western Regional Office
File

V217/G4693

Appendix C

Memorandum of Understanding with
Wattsburg Area School District for the provision of a
Diversified Occupations Program

**ERIE COUNTY TECHNICAL SCHOOL
PROPOSED AGENDA ITEM**

DATE: July 19, 2006

SUBJECT: Memorandum of Understanding—Diversified Occupations Program for Wattsburg Area School District

CATEGORY: Operations

INITIATED BY: Aldo Jackson

DESCRIPTION:

In our Quality Action Plan, Best Practice F: Regional Collaboration identifies an action step where our “districts transfer responsibility for CTE programming” to ECTS. After a year of conversation with superintendents, curriculum directors and high school administrators, we have reached an agreement with one of our districts. Part of the rationale for the collaborative effort is a higher State reimbursement rate for vocational school-operated programs over district-operated programs.

The Wattsburg Area School District has operated a Diversified Occupations (D.O.) program for two years. In their attempt to align staff with other programming and initiatives in the district, Wattsburg has asked ECTS to staff and operate, as a satellite program, their D.O. program. The agreement entails Seneca High School students to register with ECTS in order to participate in the D.O. program. ECTS cooperative education staff will provide work-based coordination services (pre-employment planning and on-the-job monitoring). The Seneca D.O. students will attend bi-weekly classroom-based instructional periods at ECTS.

ECTS will charge Wattsburg \$363.86 per student enrolled. This cost is based on the fact that Wattsburg students will only receive “on-the-job” services and the students will participate in existing cooperative education classroom instruction. Between 12 and 15 students are expected to participate in the program. The Seneca students will be counted in ECTS State membership reports.

The Wattsburg Area School District approved the memorandum of understanding at their June board meeting. Approval of the memorandum by both the school district board and the joint operating committee is required by school code.

RECOMMENDATION:

Motion to approve a memorandum of understanding with the Wattsburg Area School District to provide Diversified Occupations programming as a satellite program.



**SATELLITE VOCATIONAL EDUCATION PROGRAM
MEMORANDUM OF UNDERSTANDING**

Between

**ERIE COUNTY TECHNICAL SCHOOL AND
WATTSBURG AREA SCHOOL DISTRICT**

This Memorandum of Understanding is entered into by and between

Erie County Technical School, 8500 Oliver Road, Erie, Pennsylvania 16509-4699
(the "Technical School")

And

Wattsburg Area School District, 10782 Wattsburg Road, Erie, Pennsylvania
16509 (the "School District").

WHEREAS, several school districts have constructed an area vocational-technical school known as the Erie County Technical School and entered into the Erie County Area Vocational-Technical School Restated Articles of Agreement for Operation.

WHEREAS, Article X of the Restated Articles of Agreement for Operation provides as follows:

ARTICLE X

A. Special Programs

1. **Definition:** Special programs shall be those programs offered by the Erie County Technical School Committee in addition to the regular day school and evening adult programs at the Erie County Technical School at the request of fewer than the total number of districts signatory to this agreement. Such special programs may be requested by:
 - a. One or more districts where such programs are to be conducted at the Erie County Technical School; or
 - b. One or more districts where such programs are to be conducted at facilities other than the Erie County Technical School. In this instance, all capital and lease costs shall be the responsibility of the district or districts requesting the program.



2. Authorization. Participating Districts desiring to participate in a special program shall adopt a resolution authorizing Erie County Technical School Committee to institute such a program and to charge the district with their prorated share of the cost of operating the program. A copy of this resolution signed by the President and Secretary of the Board shall be filed with the Secretary of the Erie County Technical School Committee.
3. Implementation. Special programs may be implemented by the Erie County Technical School Committee in accordance with authorization received for Participating Districts.
4. Budgets. Budgets for special programs shall be adopted by the Joint Board as provided in Sections 687 and 1850.1 (25c) of the Pennsylvania School Laws.
5. Expenses. Assessments will be made against districts participating in such special programs in the same manner as outlined in application of Article V Subsection A. Current Expenses of this amended Agreement.
6. Quotas and Assignment of Pupils. Quotas for special programs shall be established in the same manner as provided in Article VI for those districts participating in such programs.
7. Excessive Costs. School districts which are parties to this Agreement but choose not to participate in a special program, shall not incur any additional expense as the result of excess costs of such special programs. Excess costs will be billed directly to the districts participating in special programs on the basis of average daily membership in such programs.

WHEREAS, the satellite vocational-technical program is authorized through the regulations of the Department of Education at 22 Pa. Code Section 339.2.

WHEREAS, School District wishes to establish a satellite vocational-technical program (satellite program) within its district in accordance with the Articles of Operation and the Department of Education regulations.

IN WITNESS WHEREOF the parties hereto agree as follows:

1. School District wishes to establish a Satellite Program at its facility within Seneca High School, referred to as Diversified Occupations, outside of the Erie County Technical School and located at 10782 Wattsburg Road, Erie, Pennsylvania, 16509.
2. School District shall be responsible for and maintain budgetary control regarding supplies, equipment, insurance, utilities, maintenance and upkeep of School District facilities for the Satellite Program.
3. School District shall maintain responsibility for assignment of students in the Satellite Program.
4. School District shall provide supporting services, such as student guidance, disciplinary control, custodial services, health services and library services at their facilities for the Satellite Program.
5. School District will pay an assessment for the Satellite Program to be determined in the same manner as outlined in Article V, Section A, of the Restated Articles of Operation, entitled "Current Expense". The calculation of those expenses are attached hereto as Exhibit A.
6. Quotas for courses within the Satellite Program shall be established in the same manner as provided in Article VI of the Restated Articles of Operation and the quotas established for this Satellite Program are calculated on Exhibit B attached hereto.
7. School District shall be responsible to pay any additional expense which result from excess costs of such Satellite Program. Excess costs will be billed directly to School District on the basis of average daily membership in such Satellite Program, as calculated by the Technical School.
8. The Technical School shall maintain school and industry articulation in regard to the satellite program.
9. The Technical School shall supervise vocational student organization activities.
10. The Technical School will conduct vocational advisory committee activities.
11. The Technical School will periodically review vocational education program needs in the attendance area and develop recommendations for continued growth and expansion of a coordinated vocational education system.
12. The Technical School will develop recommendations and assist students in meeting their career needs without regard to the students' sex, race or handicap.
13. The Technical School will design the curriculum and ensure that a program of safety is incorporated into the curriculum in regard to the Satellite program.

14. Instructional staff members employed by these educational services in the Satellite Program will be employees of the Technical School and the Technical School shall be responsible for their salary and benefits.

15. The Technical School will be responsible for the program content of the Satellite Program.

IN WITNESS WHEREOF, the duly authorized officers of the Operating Committee of the Erie County Technical School and duly authorized officers of the Wattsburg Area School District have executed this document pursuant to authorizing resolutions by each board of each participating district in the Erie County Technical School, an authorizing resolution by the board of the Wattsburg Area School District and an authorizing resolution by the Erie County Technical School Operating Committee which are attached hereto.

WATTSBURG AREA SCHOOL DISTRICT

Glenn Rose

ERIE COUNTY TECHNICAL SCHOOL

James H. Buckbee

646041

**SATELLITE VOCATIONAL EDUCATION PROGRAM
MEMORANDUM OF UNDERSTANDING**

**EXHIBIT A
CALCULATION OF EXPENSES**

Program Cost Calculation	
Average Faculty Wage	\$ 45,000
Average Faculty Benefits	\$ 18,000
Subtotal Wage & Benefit	\$ 63,000
Contractual Hours Per Year	1263
Average Hourly Rate--Faculty	\$ 49.88
Faculty/Student Contact Hours (1)	18
Faculty Cost per Student	\$ 897.86

Program Revenue Calculation	
Revenue per Student--Faculty Cost	\$ 897.86
Less Subsidy (2)	\$ 534.00
Net District Cost per Student	\$ 363.86

Gross District Cost Projections	
15 Students	\$13,467.93
20 Students	\$17,957.24
25 Students	\$22,446.56

Net District Cost Projections	
15 Students	\$ 5,457.93
20 Students	\$ 7,277.24
25 Students	\$ 9,096.56

- (1) PDE Guideline: 1/2 hour per week
(2) Subsidy derived from 03-04 VADM (PDE 2549);
Credited in 07-08 Budget

PENNSYLVANIA'S
APPROVED INSTRUCTIONAL TITLES FOR SECONDARY
CAREER AND TECHNICAL EDUCATION PROGRAMS
DESCRIPTION and CIP CODE

32.0105 JOB-SEEKING/CHANGING SKILLS (Diversified Occupations)

An instructional program that operates as an integral part of vocational education to provide a cooperative arrangement between the school and employers whereby the student receives general education instruction in the school and on-the-job training through part-time employment in business/industry. The area of training may be in any vocational education area where there are needs for trained persons and must relate to the student's career objective. However, specifically, the program was designed to provide training for those vocational areas not presently being offered at the vocational school or comprehensive high school and to serve students who are unable to gain admission to a vocational program due to excessive applications.



Appendix D

Summary of Programs With and Without Student Certifications

**Erie County Technical School
PDE-Approved Industry-Recognized Certifications**

Program	CIP	Certifications Attained 2009 and 2010	Certifications
Art & Design for Business	50.0402	0	
Automotive Body Repair	47.0603	14	S/P2
Automotive Technologies	47.0604	54	S/P2, PA Inspection & Emissions
Computer Information Systems	52.1201	0	
Construction Trades	46.0201	26	NHBA
Cosmetology	12.0401	0	
Culinary Arts	12.0508	42	ACF, ServSafe
Diversified Occupations	32.0105	0	
Drafting & Design	15.1301	0	
Early Childhood Education	19.0708	0	
Electrical Engineering	15.0399	97	NCCER
Electronics	15.0303	3	ETA
Facilities Maintenance	46.0401	106	NCCER
Graphic Communications	10.0399	13	PrintEd
Health Assistant	51.0899	0	
Metal Fabrication	48.0503	7	AWS
Networking Technologies	11.0901	0	
Tool & Die	48.0501	4	NIMS
Tourism & Hospitality Mgmt	52.1905	94	ServSafe, CRDS
		460	
Program with no student certifications			