

Technical Professional Certificate Based Training

White Paper

Retooling the Unemployed Technical Professional

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THE CENTER FOR
PROFESSIONAL STUDIES



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1. Executive Summary

Situational Analysis

In the fall of 2008 tens of thousands of automotive technical professionals lost their jobs. Ford, GM, Chrysler and many of the major and minor tier suppliers had to reduce their staff due to the major downturn in the automotive sector. A large percentage of these individuals were earning salaries in the range of \$80,000 to \$120,000 working on developing new products or improving the plant operations.

These technical professionals already had technical Bachelor of Science Degrees and many of them Masters Degrees, and had been working in the automotive industry between 15 to 20 years or more. It was understood that all of these jobs were not going to return to the automotive industry; this is the basis of these individuals being approved for the Federal Trade Adjustment Act (TAA) funding program.

These highly experienced and educated individuals quickly learned that their formal education was not enough to attract employers in a very competitive employment market. They needed to add in demand certifications.

Current hiring employers are looking for hands-on application experts that can launch new products to scope, time and budget commitments. They also are seeking individuals who can evaluate an existing production operation and improve it based on data driven, fact based decisions. Individuals possessing these skills are in-demand in this employment market.

Approach and Key Deliverables

The Center for Professional Studies (CPS) has been delivering fast paced project orientated certificate based training to technical professionals since 1993. Since CPS's founding over 7,000 students have been trained at over 400 corporations. Based on this extensive experience in technical training for multiple industries CPS organized a collection of existing technical courses to meet this immediate need for the unemployed technical professional.

This real hands-on project based training is exponentially more effective than simulations or classroom exercises. A program needed to be developed for the unemployed on which to learn the methodologies. CPS created a "Partner Company" program where their students could work on real projects at companies to become certified as "Practitioners." This approach has given the unemployed technical professional real project experience to learn and demonstrate knowledge of in-demand certifications which quickly leads to employment.

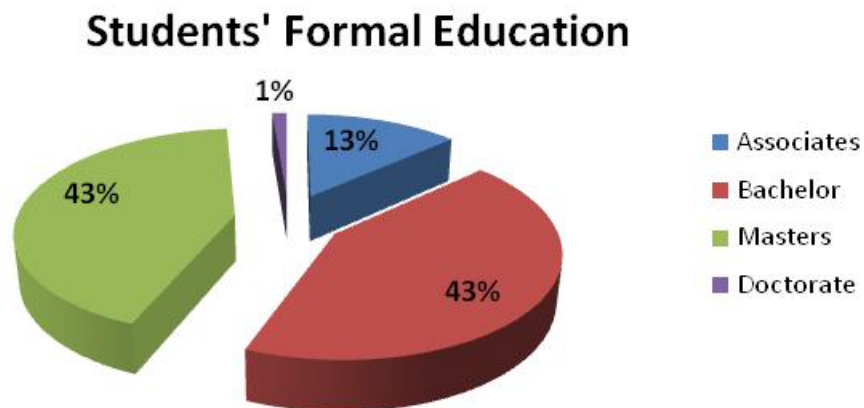
All of CPS graduate students have a portfolio of projects they created in our courses that can be shown in an interview with a perspective employer. This training, certification and portfolio separate the CPS graduate from the large number of candidates seeking employment who only have formal educational credentials. This has consistently helped the CPS graduates secure meaningful employment quickly and is documented in the key metrics that are measured.

Targeted Students

CPS is not a school for everyone; we have a specific group of unemployed technical professionals we seek for enrollment into our programs. For every program we have minimal job experience and education requirements to ensure the student will be successful in accomplishing the desired certification.

As a result of these minimum requirements real hands-on project based learning takes place amongst a highly motivated and experience student base. This highly experienced student population in each course makes for a fast paced high-end learning environment.

Formal educational credentials of CPS student population:



Targeted Programs

Designing Engineer

400 contact hours

Designing Engineer is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in all major global industries.

Simulation / Test Engineer

400 contact hours

A Simulation / Test Engineer are focused on the technical professional who will be creating and refining new products for multiple industries. This certificate represents the successful completion of all the key skills required to analyze and validate complex products in all major global industries.

Program Management

400 contact hours

Program Management is focused on the professional who manages complex programs from concept, design, validation, launch and continuous improvement stages of development. The PMP certification is globally recognized across all major global industries as an effective way to manage the organizations key corporate initiatives.

Lean Six Sigma Black Belt

400 contact hours

Lean Six Sigma is focused on the professional who desires to attain a Black Belt certification which is recognized in multiple global industries. We provide a partnering company and project for your optional "Certificate of Practitioner." Once the student completes the optional company project they are certified as a practitioner, the candidate is globally recognized in all major global industries as a change agent who has driven efficiency into an organization.

Business Management

400 contact hours

Designed for the professional who desires to obtain and enhance specific business management knowledge and skills in order to provide maximum contribution in today's business environment. This certification demonstrates the completion of a number of key skills required to be successful within complex business environments in all major global industries.

Technical Professional

200 contact hours

The Technical Professional Certificate is focused on the professional who desires to attain key certifications that are in-demand which are recognized in multiple global industries. Once certified, the candidate is globally recognized in all major industries as a change agent who can manage projects and drive efficiency into the organization.

Pro Engineer**80 contact hours**

The ProEngineer program is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in all major global industries.

Unigraphics**80 contact hours**

The Unigraphics program is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in all major global industries.

Catia**80 contact hours**

The Catia program is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in all major global industries.

PMP Examination Preparation**80 contact hours**

PMP Examination Preparation is focused on the professional who manages complex programs from concept, design, validation, launch and continuous improvement stages of development. The PMP certification is globally recognized across all major industries as an effective way to manage the organizations key corporate initiatives.

Lean Six Sigma Green Belt**80 contact hours**

Lean Six Sigma is focused on the professional who desires to attain a Green Belt certification which is recognized in multiple global industries. Our complete program delivers the knowledge and skills required to successfully document an improvement project and achieve certification. Once certified, the candidate is globally recognized in all major industries as a change agent who can drive efficiency into the organization.

Program Results Since 2009

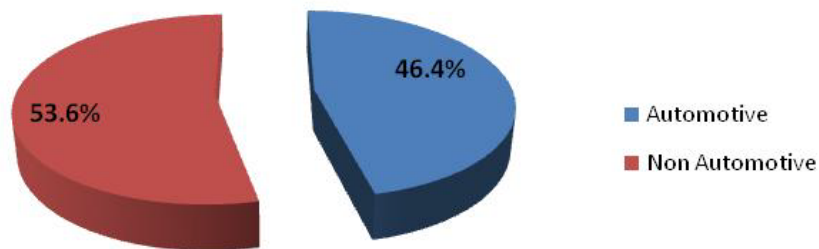
255	Enrolled unemployed students
254	Graduates, 99.6% graduation rate
245	Graduates employed in their field
96.5%	Graduates hired in their field
97	Different companies who hired our graduates
52	Non-Automotive industry hiring companies
53.6%	Non-Automotive industry hiring companies

The reason for the high graduation rate is the flexibility in class schedules we offer to our students which is focused on them completing the program. If they obtain employment we build a customized flexible schedule that leads to completion of the training and certification.

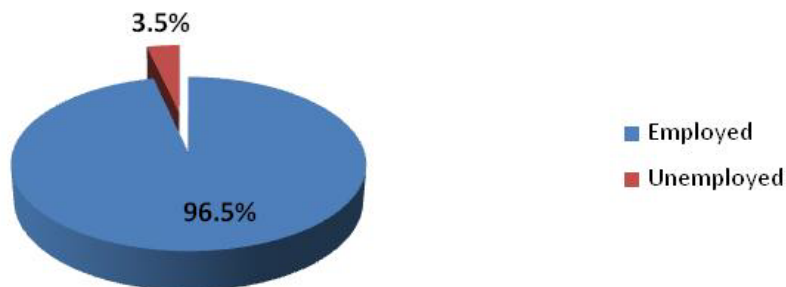
The reason for the high job placement rate is the unique efforts CPS conducts with their students to proactively present them to hiring companies that are our past and current clients.

- Customize their resume to meet current market demands
- Create their customized LinkedIn account and how to use it
- Present their resumes to over 50 current hiring companies
- Facilitate networking events with peers, recruiters and hiring managers
- Provide job interview coaching and salary negotiations

Graduate Employment Industry



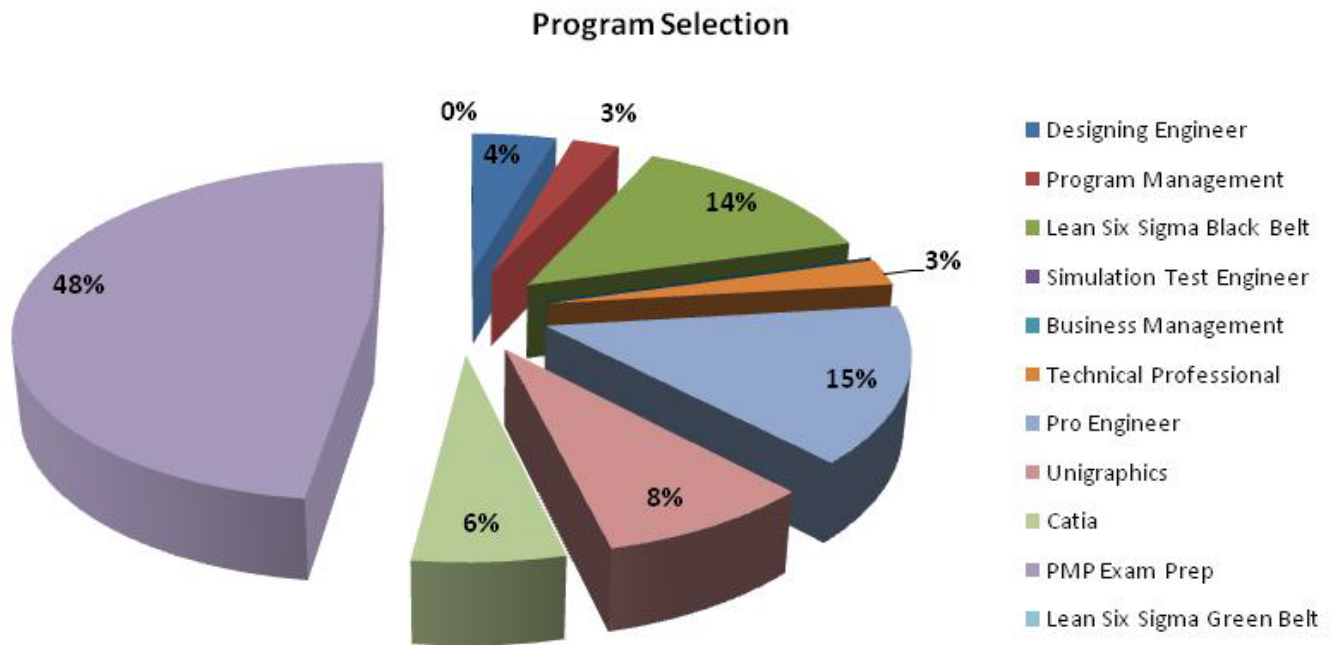
Graduate Employment Status



CPS Key Metrics by Certificate Programs:

Certificate Program	Enrolled		Graduated		Job Placement		
	#	%	#	%	#	Rate	%
Designing Engineer	16	4.3%	16	4.3%	16	100%	4%
Program Management	10	2.7%	10	2.7%	9	90%	3%
Lean Six Sigma Black Belt	51	13.7%	51	13.7%	49	96%	14%
Simulation Test Engineer	0	0.0%	0	0.0%	0	0%	0%
Business Management	0	0.0%	0	0.0%	0	0%	0%
Technical Professional	10	2.7%	10	2.7%	9	90%	3%
Pro Engineer	53	14.2%	53	14.2%	53	100%	15%
Unigraphics	30	8.1%	30	8.1%	30	100%	8%
Catia	21	5.6%	21	5.6%	21	100%	6%
PMP Exam Prep	181	48.7%	181	48.7%	172	95%	48%
Lean Six Sigma Green Belt	0	0.0%	0	0.0%	0	#DIV/0!	0%

CPS Students Program Selection:



2. Trade Adjustment Act (TAA) Documentation

Scope of the TAA program taken from their website
<http://www.doleta.gov/tradeact/benefits.cfm>

Trade Adjustment Assistance (TAA) and Alternative Trade Adjustment Assistance (ATAA) Services and Benefits

Trade Adjustment Assistance (TAA) and Alternative Trade Adjustment Assistance (ATAA) help trade-affected workers who have lost their jobs as a result of increased imports or shifts in production out of the United States. Certified individuals may be eligible to receive one or more program benefits and services depending on what is needed to return them to employment.

Accessing TAA and ATAA Services and Benefits

To obtain TAA or ATAA services and benefits, a group of workers must first file a petition with the U.S. Department of Labor's Division of Trade Adjustment Assistance (DTAA) requesting certification as workers adversely affected by foreign trade. If certified, each worker in the group may then apply separately for individual services and benefits through their local One-Stop Career Center. Workers age 50 and older who are certified as eligible to apply for both TAA and ATAA may choose whether to participate in the TAA program or the ATAA program, but may not participate in both.

Workers can find the One-Stop Career Center closest to them by calling 1-877-US2-JOBS toll-free, 1-877-889-5627 (TTY), or by using [America's Service Locator](#).

TAA Program Services and Benefits

TAA program benefits and services are provided to help eligible workers get back to work. Certified workers who [apply for TAA services and benefits](#) may be eligible for the following:

- 1.0 **Rapid Response Assistance** - provided by the Dislocated Worker Unit in the state where workers are laid off. Rapid Response assistance is provided to every group of workers on whose behalf a petition is filed. Rapid Response staff will make employees aware of the different services available to workers after a layoff is announced, and if provided before a petition is filed, Rapid Response will include information on the process of petitioning for certification under the TAA and ATAA programs. Learn more about [Rapid Response](#).
- 2.0 **Reemployment Services** - offer workers assistance in finding a new job. Many TAA-eligible workers will be able to return to employment through a combination of these services. For individuals who require retraining, these services will help identify appropriate training programs, and help them obtain reemployment at the conclusion of the training program. To ensure workers are referred to appropriate job openings and placed in jobs that utilize their highest skills, the following services are generally provided through One-Stop Career Centers:
 - o Employment counseling



- Resume writing and Interview skills workshops
- Career assessment
- Job development
- Job search programs
- Job referrals

3.0 Job Search Allowances - may be payable to cover expenses incurred in seeking employment outside a certified worker's normal commuting area, if a suitable job is not available in the area. Job search allowances reimburse 90% of the total costs of allowable travel and subsistence, up to a total of \$1,250.

Important Deadlines:

- An application for a job search allowance must be submitted before a job search begins. Applications may be submitted prior to certification, but will only be approved if the worker group is certified.
- An application for a job search allowance must be submitted before the 365th day after the layoff or certification, whichever is later, or 182 days after the conclusion of training.

4.0 Relocation Allowances - may reimburse approved expenses when certified workers must move to a new area of employment outside their normal commuting area. Relocation allowances may include:

- 90% of the reasonable and necessary expenses of moving workers who have secured employment outside of their normal commuting area, their families and their household goods. The amount will be reduced if the worker is entitled to reimbursement from other sources.
- A lump sum payment equal to three times the worker's average weekly wage (but no more than \$1,250) to help them get settled.

Important Deadlines:

- Requests for relocation allowances must be submitted before the relocation begins. Applications may be submitted prior to certification, but will only be approved if the worker group is certified.
- An application for a relocation allowance must be submitted before the 425th day after the layoff or certification, whichever is later, or 182 days after the conclusion of training.

Training Key Initiatives

5.0 **Training** - is provided to certified workers who do not have the skills to secure suitable employment in the existing labor market. Training is targeted to a specific occupation and provided to help certified workers secure employment at a skill level similar to or higher than their layoff employment, and sustain that employment at the best wage available. Based on the individual's existing skills and labor market conditions, **A training will be of the shortest duration necessary to return the individual to employment**, with a maximum duration of 104 weeks. Individuals who require remedial education in order to complete occupational training may be eligible for an additional 26 weeks of training.

Allowable types of training include: 1) classroom training; 2) on-the-job training; **B 3) customized training designed to meet the needs of a specific employer or group of employers**; 4) basic or remedial education, which may include training in literacy or English as a second language.

In order for an individual to receive training, six approval criteria must be met.

1. There is no suitable employment for the worker.
2. The worker would benefit from appropriate training.
3. There is a reasonable expectation of employment following training.
4. Training must be reasonably available to the worker.
5. The worker is qualified to obtain and complete the training, including having adequate financial resources available to complete the training when income support is exhausted.
6. The training is suitable and available at a reasonable cost.

How CPS Meets the “highlighted” TAA Key Initiatives

A – CPS is using its corporate “fast paced” curriculum and methodologies model to put the certified, in-demand tools and techniques into the hands of unemployed technical professionals to return them back to employment quickly. CPS graduates are usually back working in their careers within 4 months of graduation, with certifications that have lifetime value for their complete career. These certifications have a lifelong value to the career of the student.

B – CPS has organized a collection of existing certification courses specifically for the unemployed technical professional that has lifelong career value. These courses round out the unemployed technical professional’s resume with skills that are currently in-demand and utilized by multiple industries both nationally and internationally. 95% of CPS unemployed technical professional graduates are now working in their career, 53% of them are working outside of the automotive industry.

1. These technical professionals have been out of work for more than a year and unable to find meaningful employment with their current traditional educational credentials.

2. Based on our knowledge of current in-demand certifications, need and global multi-industry experience we designed these technical professional programs to “Retool” the automotive technical professional. These certifications have a lifelong value to the career of the student.

3. Based on CPS’s 95% (and growing) job placement rate we have proven our training, certifications and methodologies work for these automotive technical professionals in getting them back into the workforce quickly.

4. All training takes place in the Troy area with frequent trips to our partnering companies to see these methodologies working. Application projects are conducted with the students in the classroom setting.

5. CPS reviews each individual’s background and experience to ensure they can meet the high demands of these programs. If not, we recommend them to another school program. Due to the fast pace of our programs we quickly return the unemployed to work and their personal financial strain is a fraction of the traditional academic model.

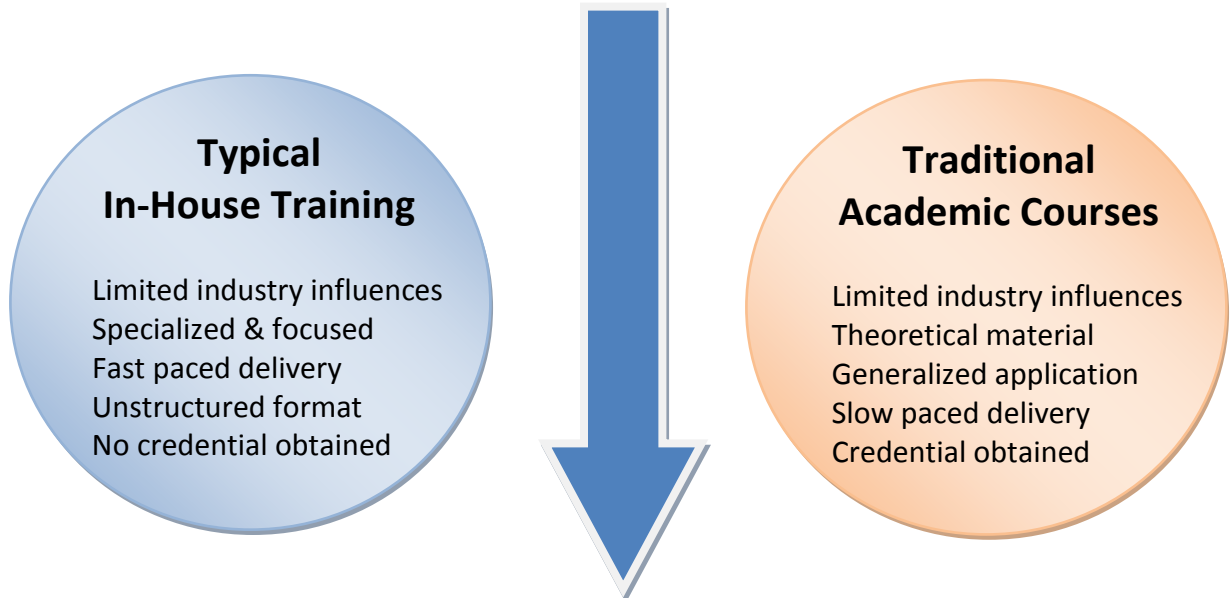
6. CPS training is suitable due to the screening we conduct with the local Michigan Works caseworker, the local Workforce Development Boards and is reasonably priced as determined by these agencies. See section 3.0 Competitive Analysis for details on pricing.

3. The Center for Professional Studies

History

- 1993 Founded as an educational training institution licensed by Michigan
- 1997 Achieved “Campus Training Partner” with Alias / Wavefront Inc.
- 1998 Established training source for all major CAD systems
- 2002 Expands course offerings into engineering processes and methodologies
- 2004 Incorporated Designing Engineer program
- 2005 Established as a “Dassault Authorized Training Partner”
- 2006 Incorporated Program Management and Lean Six Sigma programs
- 2009 Acquired academia licenses with PTC, Microsoft, DataFit and Minitab
- 2010 Acquired academia licenses with Siemens
- 2010 Incorporated Simulation / Test Engineer program with LMS International
- 2011 Expected achievement of ACCET Vocational School accreditation

Center for Professional Studies



- Up to date industry input from industry experts**
- Relevant perspective of subject application**
- Small, fast paced, specialized, efficient and focused**
- Licensed Vocation School with the State of Michigan**
- Approved training provider with multi industry based firms**
- Flexible training schedules and locations**
- Student assessment, evaluation and certification**

Methodology

Lectures

- Outlining the theory and standardized accepted methodology
- PDF file of lecture material is provided for the students personal use
- Lecture note outlines to help the student capture personal notes

Specific Industry Examples

- Real life industry examples that detail out the application of the standard
- Demonstrate how different companies apply these tools and techniques
- Discussions on how company cultures dictate the application of the standard

In-Class Assignments

- Students conduct projects that outline each key principal of the standard
- Projects increase in complexity as the students further develop their skills
- Students then present their work to the group for review and discussion
- Discussion takes place regarding each project and how it meets the standard

Specific Company Application

- Work on projects that apply tools and techniques on company projects
- Build a standard methodology for appropriate application at the operation

Partnering Company Program

CPS created a “Partner Company” program where their students could work on real projects at companies to become certified as “Practitioners.” This approach has given the unemployed technical professional real project experience to learn and demonstrate knowledge of in-demand certifications which quickly leads to employment. Below are our current partners:

- Quality Metal Craft
- AVL International
- USM Manufacturing
- Norwegian Jakes
- Winter Sausage
- Henry Ford Hospital

All of CPS graduate students have a portfolio of projects they created in our courses that can be shown in an interview with a perspective employer. This training, certification and portfolio separate the CPS graduate from the large number of candidates seeking employment who only have formal educational credentials.

Training Courses

Computer Aided Design (CAD)

Advanced Catia V5	40 contact hours
Advanced Pro Engineer	40 contact hours
Advanced Unigraphics NX7	40 contact hours
Auto CAD	24 contact hours
Catia V5	40 contact hours
Pro Engineer	40 contact hours
Rhino NURBS Modeling	24 contact hours
SolidWorks	32 contact hours
Team Center Engineering	24 contact hours
Unigraphics NX7	40 contact hours

Computer Aided Engineering (CAE)

Acoustic Simulation	40 contact hours
Advanced Modal Analysis	40 contact hours
Computer Aided Engineering	40 contact hours
Design of Hydraulic & Thermal Fluid Systems	40 contact hours
Design of Vehicle Energy Management	40 contact hours
Digital Signal Processing in Noise & Vibration	40 contact hours
Experimental Modal Analysis	40 contact hours
Numeric Optimization Methods for Correlation	40 contact hours
Rotating Machinery Test & Source Path Models	40 contact hours
Simulation for Kinematic & Dynamic Behavior	40 contact hours
Sound Engineering Test & Analysis	40 contact hours

Process Tools and Techniques

APQP, FMEA & PPAP	40 contact hours
Dimensional Analysis	40 contact hours
Introduction to ISO	40 contact hours
ISO 9001 & TS 16949	40 contact hours
Lean Manufacturing	40 contact hours
PMP Examination Preparation	40 contact hours
Program Management	40 contact hours
Root Cause Analysis	40 contact hours
Test to Failure (TTF)	40 contact hours

Lean Six Sigma

Design for Lean Six Sigma	40 contact hours
Introduction to Lean Six Sigma	40 contact hours
Lean Six Sigma 1	80 contact hours
Lean Six Sigma 2	80 contact hours

Industry Specific

Alternative Energy Technologies Overview	40 contact hours
Automotive Vehicle Development Process	40 contact hours

Business Management

Competent Technical Communication	40 contact hours
Effective Leadership & Strategic Planning	40 contact hours
Finance for the Non-Financial Manager	40 contact hours
Total Quality Management (TQM)	40 contact hours

Unemployed Technical Professionals

In the fall of 2008 tens of thousands of automotive technical professionals lost their jobs. Ford, GM, Chrysler and many of the major and minor tier suppliers had to reduce their staff due to the major downturn in the automotive sector. A large percentage of these individuals were earning salaries in the range of \$80,000 to \$120,000 working on developing new products or improving the plant operations.

These technical professionals already had technical Bachelor of Science Degrees and many of them Masters Degrees, and had been working in the automotive industry between 15 to 20 years or more. It was understood that all of these jobs were not going to return to in the automotive industry; this is the basis of these individuals being approved for the Federal Trade Adjustment Act (TAA) funding program.

These highly experienced and educated individuals learned that their formal education was not enough to attract employers in a very competitive employment market. These employers are looking for hands-on application experts that can launch new products to scope, time and budget commitments. They also are seeking individuals who can evaluate an existing production operation and continually improve it based on data driven fact based decisions.

Within a few months Chrysler, Ford and many tier suppliers were approved by the Federal Government for TAA benefits. Unfortunately the GM personnel had to wait over 18 months to obtain Federal approval for TAA, even though they were the same type of technical professional impacted the same way as their Chrysler, Ford and tier supplier counterparts.

These Chrysler, Ford and tier supplier individuals were approved by their local MiWorks and WDB offices and were granted waivers by DELEG to participate in these CPS training programs which quickly return them into the workforce. The GM individuals are just now using their TAA benefits and their waivers are not being approved like their peers before them.

Comprehensive Programs

Designing Engineer

400 Contact Hours Certification with multiple CAD systems

Designing Engineer is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in major industries.

Prerequisite:	Minimum of 5 years experience in developing products
Curriculum Leader:	Daryl Patrishkoff, PMP, CEO, Center for Professional Studies 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, CAE Analysts, CAD Designers, Technicians, Sales Professionals
Targeted Industries:	Automotive, Transportation, Specialty Vehicles, On-Highway, Off-Highway, Military, Aerospace, Energy, Ecology, Alternative Fuel Products, Medical Device Products, Consumer Products
Targeted Positions:	Product Designing Engineers in multiple industries who develop multiple types of products for production
Objective:	Well rounded curriculum that addresses specific job skills, tools and techniques that a Product Designing Engineer relies on to develop their specific product. These standard skills, tools and techniques apply to multiple industries, giving the participant a broad skill set to perform multiple tasks in their current position or improve their marketability.
Core Courses:	Competent Technical Communication Program Management Dimensional Analysis (GD&T) Test to Failure (TTF) Choose (1) set of CAD courses from the following list: Catia V5 and Advanced Catia V5 Pro Engineer and Advanced Pro Engineer Unigraphics NX7 and Advanced Unigraphics NX7
Elective Courses (choose 4):	PMP Examination Preparation Total Quality Management (TQM) Alternative Energy Technologies Overview Lean Manufacturing Lean Six Sigma 1 (2 classes) Lean Six Sigma 2 (2 classes) Root Cause Analysis APQP, FMEA & PPAP Computer Aided Engineering (CAE) Digital Signal Processing in Noise and Vibration Testing Experimental Modal Analysis

Simulation / Test Engineer

400 Contact Hours with multiple CAE and test systems

A Simulation / Test Engineer are focused on the technical professional who will be creating and refining new products for multiple industries. This certificate represents the successful completion of all the key skills required to analyze and validate complex products in all major global industries.

Prerequisite:	Minimum of 5 years experience in product development
Curriculum Leader:	Kevin Grenier, Senior Technical Specialist at LMS International 20 years in the Test and Hybrid Simulation engineering profession
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, CAE Analysts, Test Engineers, Sales Professionals
Targeted Industries:	Any industry that develops products, manufactures products, assembles products or provides a service to companies or consumers
Targeted Positions:	Technical Managers, Product Design, Test or CAE Engineers, Technicians who develop multiple types of products
Objective:	Present a well rounded curriculum that addresses specific job skills, tools and techniques that an Engineer relies on to develop their specific product. These standard skills, tools and techniques apply to multiple industries, giving the participant a broad skill set to perform multiple tasks on their current position or improve their marketability.
Core Courses:	Competent Technical Communication Computer Aided Engineering (CAE) Digital Signal Processing in Noise and Vibration Testing Experimental Modal Analysis Rotating Machinery Testing and Source Path Models Simulation for Kinematic and Dynamic Behavior and Fatigue Life Design of Hydraulic and Thermal Fluid Systems
Elective Courses (choose 3):	Numerical Optimization Methods for Correlation and Updating Design of Vehicle Energy Management for Improved Performance Acoustic Simulation Sound Engineering Testing and Analysis Advanced Modal Analysis Test to Failure (TTF) Program Management PMP Examination Preparation Unigraphics NX7 Advanced Unigraphics NX7 Pro Engineer Advanced Pro Engineer

Program Management

400 Contact Hours with Preparation for the PMP Certification

Program Management is focused on the professional who manages complex programs from concept, design, validation, launch and continuous improvement stages of development. The PMP certification is globally recognized across all major industries as an effective way to manage the organizations key corporate initiatives.

Prerequisite:	Minimum of 8 years experience in managing projects
Curriculum Leader:	Daryl Patrishkoff, PMP, CEO, Center for Professional Studies 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, Manufacturing Engineers, Production Engineers, Analysts, Designers, Technicians, Program Managers, Product Specialists, Sales Professionals
Targeted Industries:	Any industry that develop products, manufacture products, assembles products or provides a service to companies or consumers
Targeted Positions:	Executives, Directors, Managers, Supervisors, Product Specialists and Program Managers that manage large complex projects
Objective:	Present a well rounded curriculum that addresses specific job skills, tools and techniques a Program Manager relies on to execute their complex projects. Deliver the knowledge and skills required to pass the Project Management Institute's PMP certification test.
Core Courses:	Competent Technical Communication Program Management APQP, FMEA & PPAP Root Cause Analysis Lean Manufacturing PMP Examination Preparation
Elective Courses (choose 4):	Total Quality Management (TQM) Lean Six Sigma 1 (2 classes) Lean Six Sigma 2 (2 classes) Alternative Energy Technologies Overview Dimensional Analysis (GD&T) Computer Aided Engineering (CAE) Test to Failure (TTF) Digital Signal Processing in Noise and Vibration Testing Experimental Modal Analysis Unigraphics NX7 Advanced Unigraphics NX7 Pro Engineer Advanced Pro Engineer

Lean Six Sigma Black Belt
400 Contact Hours with Provided Project for Certification

Lean Six Sigma is focused on the professional who desires to attain a Black Belt certification which is recognized in multiple global industries. We provide a partnering company and project for your optional “Certificate of Practitioner.” Once the student completes the optional company project they are certified as a practitioner, the candidate is globally recognized in all major industries as a change agent who has driven efficiency into an organization.

Prerequisite:	Minimum of 5 years experience
Curriculum Leader:	David Patrishkoff, President of Innovative Solutions Group 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Product Engineers, Manufacturing Engineers, Production Engineers, Analysts, Designers, Technicians
Targeted Industries:	Any industry that develop products, manufacture products, assembles products or provides a service to customers
Targeted Positions:	Executives, Directors, Managers, Product Engineers, Manufacturing Engineers, Production Engineers, Analysts, Designers, Technicians
Objective:	Present a well rounded curriculum that addresses specific job skills, tools and techniques a Black Belt Six Sigma Professional relies on to initiate and perform their improvement projects. Deliver the knowledge and skills required to successfully document an improvement project and achieve practitioner certification.
Core Courses:	Competent Technical Communication Lean Manufacturing Total Quality Management (TQM) Lean Six Sigma 1 (2 classes) Lean Six Sigma 2 (2 classes)
Elective Courses (choose 3):	Alternative Energy Technologies Overview Dimensional Analysis (GD&T) APQP, FMEA & PPAP Program Management PMP Examination Preparation Computer Aided Engineering (CAE) Test to Failure (TTF) Digital Signal Processing in Noise and Vibration Testing Experimental Modal Analysis Unigraphics NX7 Advanced Unigraphics NX7 Pro Engineer Advanced Pro Engineer

Business Management
400 Contact Hours Certification

Designed for the professional who desires to obtain and enhance specific business management knowledge and skills in order to provide maximum contribution in today's business environment. This certification demonstrates the completion of a number of key skills required to be successful within complex business environments in major industries.

Prerequisite:	Minimum of 5 years experience
Curriculum Leader:	Mark Marheineke 20 years in executive management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Sales Professionals
Targeted Industries:	Any industry that develop products, manufacture products, assembles products or provides a service to companies or consumers
Targeted Positions:	Executives, Directors, Managers, Supervisors, Sales Professionals, Program Managers, Product Specialist
Objective:	Present a well rounded curriculum that addresses specific job skills, knowledge, tools and techniques professionals rely on to be successful in any company. These standards apply to multiple industries, giving the participant a broad skill set to perform multiple tasks on their current position or improve their marketability.
Core Courses:	Competent Technical Communication Total Quality Management (TQM) Effective Leadership and Strategic Planning Program Management
Elective Courses (choose 6):	Alternative Energy Technologies Overview Lean Manufacturing Lean Six Sigma 1 (2 classes) Lean Six Sigma 2 (2 classes) Root Cause Analysis Dimensional Analysis (GD&T) Computer Aided Engineering (CAE) Test to Failure (TTF) Digital Signal Processing in Noise and Vibration Testing Experimental Modal Analysis APQP, FMEA & PPAP PMP Examination Preparation Unigraphics NX7 Advanced Unigraphics NX7 Pro Engineer Advanced Pro Engineer

Technical Professional Certificate Program
200 Contact Hours

The Technical Professional Certificate is focused on the professional who desires to attain key certifications that are in-demand which are recognized in multiple global industries. Once certified, the candidate is globally recognized in all major industries as a change agent who can manage projects and drive efficiency into the organization.

Prerequisite:	Minimum of 8 years experience in managing projects
Curriculum Leader:	Daryl Patrishkoff, PMP, CEO, Center for Professional Studies 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, Manufacturing Engineers, Production Engineers, Analysts, Designers, Technicians, Program Managers, Product Specialists, Sales Professionals
Targeted Industries:	Any industry that develop products, manufacture products, assembles products or provides a service to companies or consumers
Targeted Positions:	Executives, Directors, Managers, Supervisors, Product Specialists and Program Managers that manage large complex projects
Objective:	Present a well rounded curriculum that addresses specific job skills, tools and techniques a Technical Professional relies on to execute their complex projects. The student can choose the certification path that meets their specific needs.
Core Course:	Competent Technical Communication
Course Groups (choose 2):	Program Management PMP Examination Preparation Lean Six Sigma 1 (2 classes) Pro Engineer Advanced Pro Engineer Unigraphics Advanced Unigraphics Catia Advanced Catia

ProEngineer
80 Contact Hours CAD Certification

The ProEngineer program is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in major industries.

Prerequisite:	Design or Engineering experience
Curriculum Leader:	Daryl Patrishkoff, PMP, CEO, Center for Professional Studies 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, CAE Analysts, CAD Designers, Technicians, Sales Professionals
Targeted Industries:	Automotive, Transportation, Specialty Vehicles, On-Highway, Off-Highway, Military, Aerospace, Energy, Ecology, Alternative Fuel Products, Medical Device Products, Consumer Products
Targeted Positions:	Product Designing Engineers in multiple industries who develop multiple types of products for production
Objective:	Well rounded curriculum that addresses specific job skills, tools and techniques that a Product Designing Engineer relies on to develop their specific product. These standards apply to multiple industries, giving the participant a broad skill set to perform multiple tasks in their current position or improve their marketability.
Core Courses:	Pro Engineer Advanced Pro Engineer

Unigraphics

80 Contact Hours CAD Certification

The Unigraphics program is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in major industries.

Prerequisite:	Design or Engineering experience
Curriculum Leader:	Daryl Patrishkoff, PMP, CEO, Center for Professional Studies 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, CAE Analysts, CAD Designers, Technicians, Sales Professionals
Targeted Industries:	Automotive, Transportation, Specialty Vehicles, On-Highway, Off-Highway, Military, Aerospace, Energy, Ecology, Alternative Fuel Products, Medical Device Products, Consumer Products
Targeted Positions:	Product Designing Engineers in multiple industries who develop multiple types of products for production
Objective:	Well rounded curriculum that addresses specific job skills, tools and techniques that a Product Designing Engineer relies on to develop their specific product. These standards apply to multiple industries, giving the participant a broad skill set to perform multiple tasks in their current position or improve their marketability.
Core Courses:	Unigraphics Advanced Unigraphics

Catia
80 Contact Hours CAD Certification

The Catia program is focused on the technical professional who will be creating new products for multiple industries. This certificate represents the successful completion of all the key skills required to develop complex products in major industries.

Prerequisite:	Design or Engineering experience
Curriculum Leader:	Daryl Patrishkoff, PMP, CEO, Center for Professional Studies 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, CAE Analysts, CAD Designers, Technicians, Sales Professionals
Targeted Industries:	Automotive, Transportation, Specialty Vehicles, On-Highway, Off-Highway, Military, Aerospace, Energy, Ecology, Alternative Fuel Products, Medical Device Products, Consumer Products
Targeted Positions:	Product Designing Engineers in multiple industries who develop multiple types of products for production
Objective:	Well rounded curriculum that addresses specific job skills, tools and techniques that a Product Designing Engineer relies on to develop their specific product. These standards apply to multiple industries, giving the participant a broad skill set to perform multiple tasks in their current position or improve their marketability.
Core Courses:	Catia Advanced Catia

PMP Examination Preparation

80 Contact Hours Preparation for the PMP Certification

PMP Examination Preparation is focused on the professional who manages complex programs from concept, design, validation, launch and continuous improvement stages of development. The PMP certification is globally recognized across all major industries as an effective way to manage the organizations key corporate initiatives.

Prerequisite:	Minimum of 8 years experience in managing projects
Curriculum Leader:	Daryl Patrishkoff, PMP, CEO, Center for Professional Studies 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Supervisors, Product Engineers, Manufacturing Engineers, Production Engineers, Analysts, Designers, Technicians, Program Managers, Product Specialists, Sales Professionals
Targeted Industries:	Any industry that develop products, manufacture products, assembles products or provides a service to companies or consumers
Targeted Positions:	Executives, Directors, Managers, Supervisors, Product Specialists and Program Managers that manage large complex projects
Objective:	Present a well rounded curriculum that addresses specific job skills, tools and techniques a Program Manager relies on to execute their complex projects. Deliver the knowledge and skills required to pass the Project Management Institute's PMP certification test.
Core Courses:	Program Management PMP Examination Preparation

Lean Six Sigma Green Belt
80 Contact Hours with Provided Project for Certification

Lean Six Sigma is focused on the professional who desires to attain a Green Belt certification which is recognized in multiple global industries. Our complete program delivers the knowledge and skills required to successfully document an improvement project and achieve certification. Once certified, the candidate is globally recognized in all major industries as a change agent who can drive efficiency into the organization.

Prerequisite:	Minimum of 5 years experience
Curriculum Leader:	David Patrishkoff, President of Innovative Solutions Group 30 years in engineering and management of global operations
Targeted Participants:	Executives, Directors, Managers, Product Engineers, Manufacturing Engineers, Production Engineers, Analysts, Designers, Technicians
Targeted Industries:	Any industry that develop products, manufacture products, assembles products or provides a service to customers
Targeted Positions:	Executives, Directors, Managers, Product Engineers, Manufacturing Engineers, Production Engineers, Analysts, Designers and Technicians
Objective:	Present a well rounded curriculum that addresses specific job skills, tools and techniques a Green Belt Six Sigma Professional relies on to initiate and perform their improvement projects. These standard skills, tools and techniques apply to multiple industries, giving the participant a broad skill set to perform multiple tasks on their current position or improve their marketability.
Core Course:	Lean Six Sigma 1 (2 classes)

4. Competitive Analysis

Competition

The following are schools are who we identified as competitors in the local Metro Detroit area. These are also the only schools we see listed on the CECR that offer Program Management and Lean Six Sigma training programs.

- The Center for Professional Studies
- Lawrence Technological University
- New Horizons
- Project Management Training Institute
- A-TIPS
- Global Information Technology
- Michigan Manufacturing Technology Center

Types of Certifications

Certificate of Completion, NO lifelong career value to this certification

These are certifications which have no assessment element to the course, only attendance, and are not allowed under Vocational School accreditation. Many schools offer this as their corporate training and lifelong learning curriculum. These types of certifications are not recognized as a real learning event with any accountability to achieving course objectives.

CPS's programs and courses are not categorized in this manner. Many of the courses approved for funding are in this category of certification which brings no real value to the unemployed technical professional in obtaining employment.

Certificate of Achievement, lifelong career value

These are certifications which rate the students' involvement in the course, along with performance, by a project and/or test with a minimal standard set as passing the course. These types of certifications are recognized as a real learning event with measurable accountability of achieving course objectives.

All of CPS's courses are certified in this category which is required by Vocational School accreditation. This type of certification brings real value to the unemployed technical professional in obtaining employment.

Certificate of Practitioner, lifelong career value

This is a higher form of certification awarded after Certificate of Achievement and the standard is set by an industry group for minimal requirements. The student has to demonstrate competency on the subject by preparing a report that demonstrates they successfully applied the concepts on a "real company" project.

This documentation is a detailed project report which is also validated by the company's senior executive, ensuring the project provided the proper outcomes. CPS is a recognized certifying body and the Lean Six Sigma program leads to this certification which is recognized by all industries globally.

This type of certification brings real value to the unemployed technical professional in obtaining employment.



CPS Programs Comparison to Competition

School	Program Name	Content	Methodology	Certification	Months	Contact Hours	Cost	Cost Per Contact Hour	Included in Price	NOT Included in Price	Adjusted Cost Per Contact Hour
Center for Professional Studies	Designing Engineer	Collection of 6 core and 4 elective courses giving the participant key tools to develop products for multiple industries	Subject Lectures In-Class Projects Industry Examples Company Visits PMP Questions	Certificate of Achievement Prepared for the PMP exam	4	400	\$ 28,284	\$ 70.71	Tuition Textbooks Workbooks Software PMI Member PMP Exam Fee		\$ 70.71
Center for Professional Studies	Simulation/Test Engineer	Collection of 7 core and 3 elective courses giving the participant key tools to simulate and test products for multiple industries	Subject Lectures In-Class Projects Industry Examples Company Visits PMP Questions	Certificate of Achievement Prepared for the PMP exam	4	400	\$ 28,284	\$ 70.71	Tuition Textbooks Workbooks Software PMI Member PMP Exam Fee		\$ 70.71
Center for Professional Studies	Program Management	Collection of 6 core and 4 elective courses giving the participant key tools to manage complex programs for multiple industries and pass the PMP exam	Subject Lectures In-Class Projects Industry Examples Company Visits PMP Questions	Certificate of Achievement Prepared for the PMP exam	4	400	\$ 28,284	\$ 70.71	Tuition Textbooks Workbooks Software PMI Member PMP Exam Fee		\$ 70.71
Center for Professional Studies	Lean Six Sigma Black Belt	Collection of 5 core and 3 elective courses giving the participant key tools to find defects and drive efficiencies for multiple industries	Subject Lectures In-Class Projects Industry Examples Company Visits Practitioner Project PMP Questions	Certificate of Achievement Certificate of Practitioner	4	400	\$ 28,284	\$ 70.71	Tuition Textbooks Workbooks Software PMI Member PMP Exam Fee		\$ 70.71
Center for Professional Studies	Pro Engineer	Collection of 2 courses giving the participant complete functionality in using the Pro Engineer software for multiple industries	Subject Lectures In-Class Projects Industry Examples Company Visits	Certificate of Achievement	1	80	\$ 5,550	\$ 69.38	Tuition Textbooks Workbooks Software	(\$550) Student Aid	\$ 62.50
Center for Professional Studies	PMP Exam Preparation	Collection of 2 courses giving the participant key tools to manage complex programs for multiple industries and pass the PMP exam	Subject Lectures In-Class Projects Industry Examples Company Visits PMP Questions	Certificate of Achievement Prepared for the PMP exam	1	80	\$ 5,550	\$ 69.38	Tuition Textbooks Workbooks Software	(\$550) Student Aid \$129 PMI Member \$405 PMP Exam Fee	\$ 69.18
Center for Professional Studies	Lean Six Sigma Green Belt	Course giving the participant key tools to find defects and drive efficiencies for multiple industries	Subject Lectures In-Class Projects Industry Examples Company Visits	Certificate of Achievement Certificate of Practitioner	1	80	\$ 5,550	\$ 69.38	Tuition Textbooks Workbooks Software	(\$550) Student Aid	\$ 62.50



CPS Programs Comparison to Competition

School	Program Name	Content	Methodology	Certification	Months	Contact Hours	Cost	Cost Per Contact Hour	Included in Price	NOT Included in Price	Adjusted Cost Per Contact Hour
Lawrence Technological University	PMP Exam Preparation	Prepares participant to pass the PMP exam	Subject Lectures	Certificate of Completion	1	35	\$ 2,600	\$ 74.29	Tuition	\$200 Books	\$ 80.00
Lawrence Technological University	Six Sigma Green, Black Belt and PMP Exam Preparation	Collection of 4 courses giving the participant key tools to find defects and drive efficiencies for multiple industries and pass the PMP exam	Subject Lectures; In-Class Projects	In-Certificate of Completion	6	163	\$ 10,000	\$ 61.35	Tuition	\$200 Books \$500 Software	\$ 65.64
Lawrence Technological University	Six Sigma Black Belt	Course giving the participant key tools to find defects and drive efficiencies for multiple industries	Subject Lectures; In-Class Projects	In-Certificate of Achievement	6	80	\$ 6,225	\$ 77.81	Tuition	\$200 Books \$500 Software	\$ 86.56
Lawrence Technological University	Six Sigma Green Belt and PMP Exam Preparation	Course giving the participant key tools to find defects and drive efficiencies for multiple industries and pass the PMP exam	Subject Lectures	Certificate of Completion	1	35	\$ 4,920	\$ 140.57	Tuition Books PMP Member PMP Exam Fee	\$500 Software	\$ 154.86
New Horizons	PMP Exam Preparation	Prepares participant to pass the PMP exam	Subject Lectures	Certificate of Completion	1	35	\$ 3,000	\$ 85.71	Tuition Books PMP Member PMP Exam Fee		\$ 85.71
New Horizons	Six Sigma Green Belt	Course giving the participant key tools to find defects and drive efficiencies for multiple industries	Subject Lectures; In-Class Projects	In-Certificate of Achievement	1	19	\$ 1,975	\$ 103.95	Tuition Books	\$500 Software	\$ 130.26
New Horizons	Six Sigma Black Belt	Course giving the participant key tools to find defects and drive efficiencies for multiple industries	Subject Lectures; In-Class Projects	In-Certificate of Achievement	1	32	\$ 3,640	\$ 113.75	Tuition Books	\$500 Software	\$ 129.38
Project Management Training Institute	PMP Exam Preparation	Prepares participant to pass the PMP exam	Subject Lectures	Certificate of Completion	1	32	\$ 2,950	\$ 91.19	Tuition Textbooks Workbooks Software	\$129 PMP Member \$405 PMP Exam Fee	\$ 108.88
A-TIPS	PMP Exam Preparation	Prepares participant to pass the PMP exam	Subject Lectures PMP Questions	Certificate of Completion	1	40	\$ 5,050	\$ 126.25	Tuition Books	\$129 PMP Member \$405 PMP Exam Fee	\$ 139.60
Global Information Technology	PMP Exam Preparation	Prepares participant to pass the PMP exam	Subject Lectures	Certificate of Completion	1	40	\$ 2,495	\$ 62.38	Tuition Books PMP Member PMP Exam Fee		\$ 62.38
Michigan Manufacturing Technology Center	Six Sigma Green Belt	Course giving the participant key tools to find defects and drive efficiencies for multiple industries	Subject Lectures; In-Class Projects	In-Certificate of Achievement	1	40	\$ 2,800	\$ 70.00	Tuition Books	\$500 Software	\$ 82.50
Michigan Manufacturing Technology Center	Six Sigma Black Belt	Course giving the participant key tools to find defects and drive efficiencies for multiple industries	Subject Lectures; In-Class Projects	In-Certificate of Achievement	1	96	\$ 7,350	\$ 76.56	Tuition Books	\$500 Software	\$ 81.77



Return on Investment Calculations

Type	School	With Unemployment Payments						Without Unemployment Payments		
		Months to TAA Approval	Months to Training Start	Months in Training	Months to Job After Training	Investment	Return on Investment	Investment	Return on Investment	
Typical TAA Funded Technical Professional	CPS	6	2 - 8	4	4	\$ 47,512	31 Month ROI	\$ 24,000	12 Month ROI	
Typical TAA Funded Technical Professional	University	6	2 - 8	24	4	\$ 78,861	62 Month ROI	\$ 24,000	32 Month ROI	
Chrysler TAA Funded Technical Professional	CPS	1	2 - 8	4	4	\$ 24,000	16 Month ROI	\$ 24,000	12 Month ROI	
Chrysler TAA Funded Technical Professional	University	1	2 - 8	24	4	\$ 24,000	43 Month ROI	\$ 24,000	32 Month ROI	
GM TAA Funded Technical Professional	CPS	18	2 - 8	4	2	\$ 73,889	53 Month ROI	\$ 30,000	12 Month ROI	
GM TAA Funded Technical Professional	University	18	2 - 8	24	4	\$ 108,373	99 Month ROI	\$ 30,000	34 Month ROI	

Profile of the Technical Professional

- 15 - 20 plus years experience in technical field
- Technical Bachelor Degree
- Many have advanced Master Degree
- Salary in the \$100,000 range at layoff
- Need to get back into the workforce quickly
- Need application experience to demonstrate skills

Federal Stimulus Funding Comparison

DELEG has shut down a successful Michigan program that gets technical professionals displaced by NAFTA back into the workforce quickly. The program, offered through The Center for Professional Studies (CPS), had been getting Technical Professionals with an average annual compensation of \$100,000 back into the workforce within 6 months of completion at a 95% placement rate. Prior to late August 2010, DELEG had been approving 100% of Trade Adjustment Act (TAA) waivers needed for such condensed training programs. Now it is rejecting 100% of them and this successful program has been stopped.

Since 2009 the State of Michigan has received **\$7.6 Billion** from the Federal government for job stimulation. These funds have yielded **17,831 created or saved jobs** at a cost of **\$426,224 per job**. In the same period, CPS has been funded by various governmental programs at **\$1.9 Million** for certificate training, which has yielded **245 real new jobs** at a cost of **\$7,755 per job**. However, this program has been shut down. The stimulus program is performing at **55 times** the cost per job when compared to the now shut down CPS program..

I am not a politician, government employee, or bureaucrat, and I do not claim to know how government works. But, in this case, it is clearly not making good decisions. DELEG's approval process is full of red tape and inter-departmental fighting. Key departments are measured on very different criteria and DELEG is not focused on the end user to quickly secure employment. They are not focusing on the unemployed person who is trying to get back into the workforce and pay taxes, which fund these same offices. This makes no sense.

I am a technical professional, process improvement consultant, executive and business owner. For more than 30 years I have focused on finding ways to deliver value to my customers in the private sector. I have worked in many industries throughout the world and have learned that culture change, led by senior management, is necessary to achieve meaningful improvement. This is what must happen at DELEG to get them focused on approving programs that can demonstrate effectiveness in getting people back into the workforce quickly.

The root cause of the problem is that while local Michigan Works (MiWorks) offices and their local Workforce Development Boards (WDBs), who fully endorse our programs, are measured on training completion and whether or not this training leads to a good paying job quickly for the individual, DELEG is measured for training completion only, not re-employment effectiveness. In DELEG's eyes all training programs are equal, regardless of obvious differences in certification, contact hours and effectiveness of re-employment.

This situation affects real people's lives, people who have been out of work for more than one year and are facing personal financial ruin. I find it reprehensible as a taxpayer and businessman that DELEG is not focused on job placement as a key output of funding any type of training. Lansing must deliver real results, not just paperwork.

5. Funding Methods

Corporate Funding

Corporate funding is paid for directly by the company to CPS for the training. CPS continues to have an active corporate training business which demands any training event has a Return on Investment (ROI).

Student Funding

Student funding is paid for by the individual to CPS for the training provided. Over the years CPS has had many employed students that funded their own personal career development to acquire in-demand certifications.

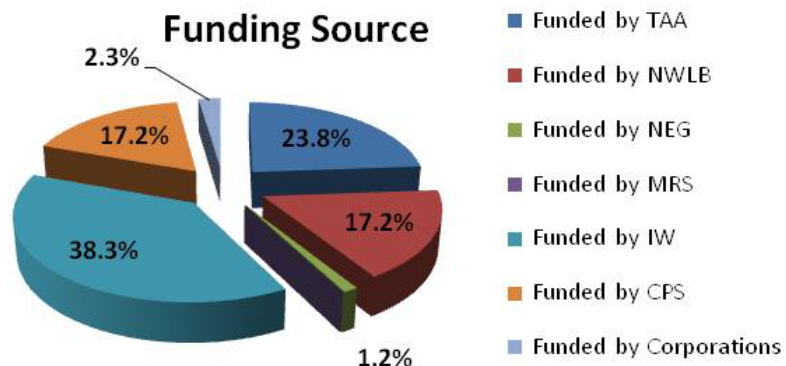
Federal and State Funding Programs

There are Governmental funding programs for training that are for the current employee that needs training to avoid being laid off. There are other Governmental funding programs for the unemployed that need training to be in better position to re-enter the workforce.

CPS has **NEVER** accepted a check from an unemployed person for training. **NONE** of CPS students take out student loans to pay for the training. CPS also has an aggressive student aid program to fund training for special cases based on need.

Since June 2009 the following is where our unemployed students secured funding for training to prepare to re-enter the workforce.

23.8%	Trade Adjustment Act (TAA)
17.2%	No Worker Left Behind (NWLB)
1.2%	National Emergency Grant (NEG)
0%	Michigan Rehab Services (MRS)
38.3%	Incumbent Worker (IW)
17.2%	CPS Student Aid based on need
2.3%	Corporations



6. Key Measurable Metrics

University Metrics

Universities are required by their accreditation to track all students and are measured on their graduation rate. The Universities are currently are at a 50% rate in the State of Michigan after 6 years of the student entering their program. There is no minimal compliance standard.

Vocational School Metrics

Vocational Schools are required by their accreditation to track all students and are measured on their graduation and job placement rates. Vocational Schools are required to maintain a 70% graduation and 70% job placement rates.

CPS Unemployed Student Metrics

255	Enrolled unemployed students
254	Graduates, 99% graduation rate
245	Graduates employed in their field
96.5%	Graduates hired in their field
97	Different companies who hired our graduates
52	Non-Automotive industry hiring companies
53.6%	Non-Automotive industry hiring companies

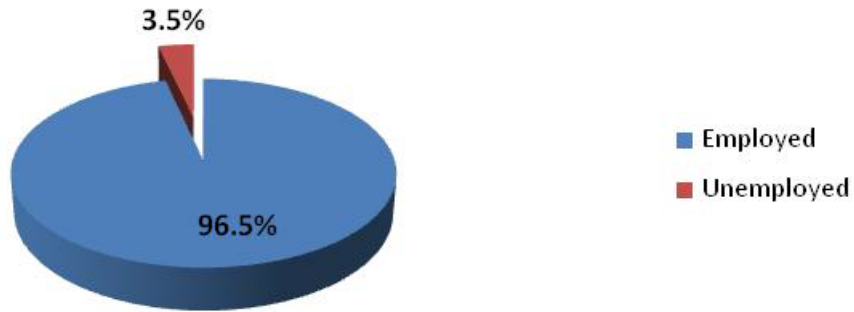
The reason for the high graduation rate is the flexibility in class schedules we offer to our students which is focused on them completing the program. If they obtain employment we build a customized flexible schedule that leads to completion of the training and certification.

The reason for the high job placement rate is the unique efforts CPS conducts with their students to proactively present them to hiring companies that are our past and current clients.

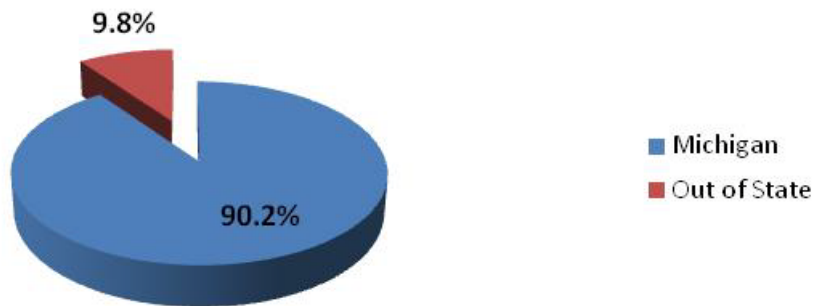
- Customize their resume to meet current market demands
- Create their customized LinkedIn account and how to work it
- Present their resumes to over 50 current hiring companies
- Facilitate networking events with peers, recruiters and hiring managers
- Provide job interview coaching and salary negotiations

Employed Students

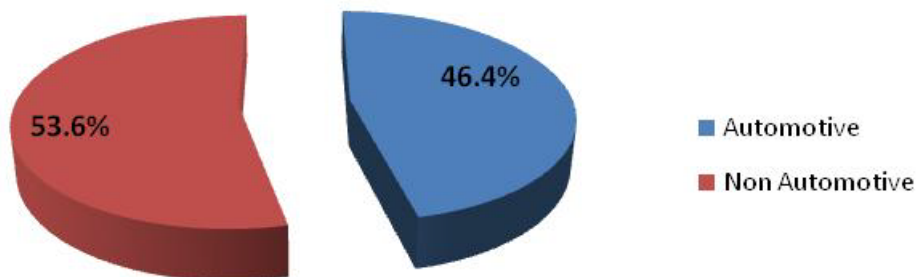
Graduate Employment Status



Graduate Employment Location



Graduate Employment Industry

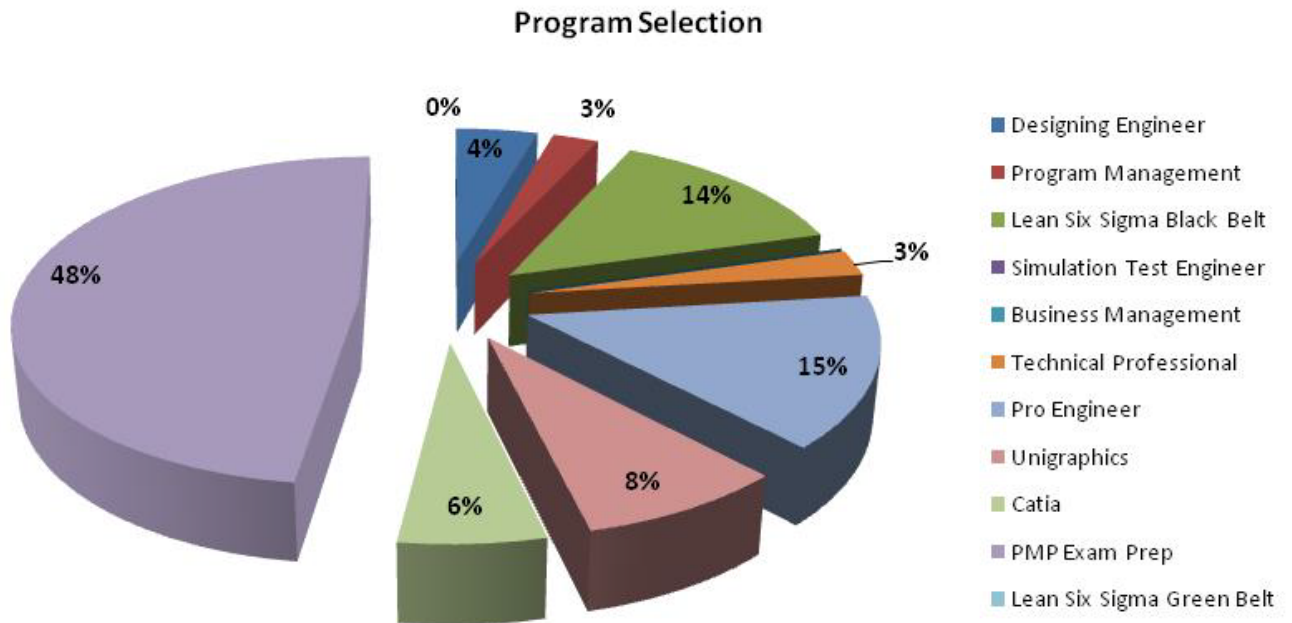




Company	Industry	Students	Location	Number
3 Dimensional Control	Auto	Wren	Michigan	1
Adecco	Auto	Holbrook	Michigan	1
AM General	Military	Schlaf	Michigan	1
Amerisource Industrial Supply	Industrial	Chicowski	Michigan	1
Arvin Meritor	On/Off High	Readwin	Michigan	1
Asahi Kasei Plastics	Auto	Malski	Michigan	1
ASG Renaissance	Consumer	Kupa	Michigan	1
Axel	Auto	Walsh	Michigan	1
BAE Enterprises	Auto	Bonnell	Michigan	1
BCBS	Medical	Martin, Grossbach	Michigan	2
Beaumont Hospital	Medical	Andrades, Niedowicz	Michigan	2
Bournes	Tooling	Vitale	Michigan	1
Caterpillar	On/Off High	McCutcheon, Smereck, Carrasco	Indiana	3
Changan	Auto	Liu	China	1
Chemico Mays	Auto	Aronson	Michigan	1
Chrysler	Auto	Johnson, Paladino	Michigan	2
Chrysler (contract)	Auto	D. Patel, Martinez, Perazza, Jerguanson, Leung, Halim	Michigan	6
Cinetic	Auto	Urbanec	Michigan	1
Consutling	Auto	Cornish, Gardner, Elsady, ElFishawy, Bachman, Sant	Michigan	6
CPS	Training	Alessandri, Szuch, Tori	Michigan	3
D Fab	Consumer	St. Armand	Michigan	1
EDAG	Auto	Fonk	Michigan	1
EIJW	Construction	Thorson	Michigan	1
Emerson	Consumers	Solorzano	Michigan	1
Engineering Analysis Group	Industrial	H Kumar	Michigan	1
ETCS Inc	Auto	Mehta	Michigan	1
Exel	Auto	Nematollahe	Michigan	1
EZ Go Cart	Consumer	Meagher	South Carolina	1
Falcon International Service	Military	Jambriska	Michigan	1
Fanuc Robotics	Auto	Manning, Kashat	Michigan	2
Flex N Gate	Auto	Milnar	Michigan	1
Ford (contract)	Auto	Luchtman, Kilchar, Parets, Barraza, Stock, Morski, Byrne, DeC	Michigan	11
Fragel Inc.	IT	Fragel	Michigan	1
General Dynamics	Military	Feher, Enck	Michigan	2
General Electric	Consumer	Shoulders	Georgia	1
General Electric	Consumer	Salem	Kentucky	1
General Motors	Auto	Gibbs, Luna, Ceasar, Aho, Leone, JP Singh, Kaminska	Michigan	7
Geometric	Auto	Corporate training	Michigan	11
Gonzalez Design	Consumer	Brown	Michigan	1
Guardian Industries	Auto	Corporate training	Michigan	4
Harman Becker Auto Systems	Auto	St. Clair	Michigan	1
Henry Ford Health System	Healthcare	West	Michigan	1
Hyundai	Auto	Khan	Michigan	1
Independent Consulting	Consulting	Scott	Michigan	1
Inteva	Auto	Galba	Michigan	1
Jacobs Vehicle Systems	Military	Rose	Connecticut	1
John Deere	On/Off High	Childers	Iowa	1
Karmann	Auto	Corporate training	Michigan	26
KMT Robotic Solutions	Robotic	Peter	Germany	1
Kuka	Auto	Corporate training	Michigan	22
Lear	Auto	Schulze	Michigan	1
Marquardt Switches	Consumer	Haskell	New York	1
MCCC	Consumer	Seaver	Michigan	1
Michigan Works	Consumer	Murry	Michigan	1
Navistar	On/Off High	Puente, Sonny, Baldwin, Rassam, Skiba, Swider, Holuk, Beckm	Indiana	8
Nexteer	Consumer	Taube	Michigan	1
Norwegian Jakes	Food	Willis	Michigan	1
Paramount	Industrial	Hampton	Michigan	1
Phillips Lighting	Auto	Samfilippo	Michigan	1
Pinnacle Machine Tool	Tooling	Nazrulla	Michigan	1
Piston Group	Auto	Corporate training	Michigan	10
Pratt and Whitney	Aircraft	Bengala	Puerto Rico	1
Quality Metal Craft	Auto	Stebbins, Pineau, Antonucci, Long	Michigan	4
RCO	Auto	Caye	Michigan	1
Scheerhorn Builders	Construction	Scheerhorn	Michigan	1
Self Employed	Consulting	Woidke	Michigan	1
Sky Shades	Consumer	Fiddes	Michigan	1
Sound Engineering	Auto	Farrns	Michigan	1
Staffing Comapany	Aircraft	Guyatt	Californis	1
Strategic Staffing (Atlas Copco)	Auto	Zink, Bedia	Michigan	2
Summit Polymers	Auto	Sandstrom	Michigan	1
Superior CAM	Auto	Corporate training	Michigan	11
Superior Sealing	Consumer	Salva	Michigan	1
TACOM	Military	B. Patel	Michigan	1
Tata	Auto	Walker, Schaffa	Michigan	2
TEK Systems	Auto	Stanley	Michigan	1
Tenneco	Auto	Williams	Michigan	1
Thielenhaus Microfinish	Industrial	Truitt	Michigan	1
TI Automotive	Auto	Scharer	Michigan	1
Toyota	Auto	Ortolan	Michigan	1
TPP	Food	Ayes	Michigan	1
TRW	Auto	Montoya, Martin	Michigan	2
U of M	Education	Fruener	Michigan	1
ubermemorials	Consumer	Owen, Lenart, Williams	Michigan	3
Unknown		Switzer, Moore, Potter, P Smith, Callender, Elsay, Walker	Michigan	7
URS	Military	Brooks	Virginia	1
US Army	Military	Quick	Michigan	1
US Manufacturing	Auto	Cotton	Michigan	1
Usinatech	Industrial	Resmer	Montreal	1
Utica Enterprise	Auto	Corporate training	Michigan	14
Valasis	Consumer	Karpov	Michigan	1
Volvo Construction Equipment	On/Off High	Herring	Pennsylvania	1
Webasto	Auto	Womack	Michigan	1
World Technical Services Inc.	Military	DeKoninck, Mourad	Michigan	2
TPT	Auto	Aaron	Michigan	1
Crossfire	Auto	Blazevski	Michigan	1
Dana	Consumer	Strong	Michigan	1
			Total	245

CPS Key Metrics by Certificate Programs:

Certificate Program	Enrolled		Graduated		Job Placement		
	#	%	#	%	#	Rate	%
Designing Engineer	16	4.3%	16	4.3%	16	100%	4%
Program Management	10	2.7%	10	2.7%	9	90%	3%
Lean Six Sigma Black Belt	51	13.7%	51	13.7%	49	96%	14%
Simulation Test Engineer	0	0.0%	0	0.0%	0	0%	0%
Business Management	0	0.0%	0	0.0%	0	0%	0%
Technical Professional	10	2.7%	10	2.7%	9	90%	3%
Pro Engineer	53	14.2%	53	14.2%	53	100%	15%
Unigraphics	30	8.1%	30	8.1%	30	100%	8%
Catia	21	5.6%	21	5.6%	21	100%	6%
PMP Exam Prep	181	48.7%	181	48.7%	172	95%	48%
Lean Six Sigma Green Belt	0	0.0%	0	0.0%	0	#DIV/0!	0%



7. Student Testimonials

I am reaching out to those (perspective students) that may find themselves in a similar situation to mine. After 20 years of diverse automotive industry experience, I found myself looking for a "second career" in 2008. The economic downturn flooded the job market with experienced job seekers, as companies closed their doors. Periodic contract work bridged the family financial gap but was not a long term solution. I needed to broaden my business skill sets to improve professional marketability but could not afford 2 years for another Master of Science or MBA program. I needed the education NOW and the Center for Professional Studies (CPS) answered that need with a very personalized touch.

I found that State and Federal programs very frustrating and difficult to secure funding through. The CPS staff helped me by providing guidance through the entire application process. I began the CPS Lean Six Sigma Black Belt Program (with Program Management) in the fall of 2009 and started with the Program Management classes by Daryl Patrishkoff. I continued then through Lean Six Sigma (LSS) classes with Dave Patrishkoff. Dave's knowledge and instruction provided an intensive yet comprehensive approach that rivals year-long programs offered in the corporate world. With this new knowledge, a positive attitude and an updated Michigan Talent Bank resume, the job opportunities presented themselves. Now, without actively seeking employment my classmates and I were receiving job offers before completing the training.

I accepted a full-time position in December of 2009 and used my company vacation time to finish my LSS project. I switched to the military industry in the summer of 2010 and transferred to the corporate LSS group to focus on Master Black Belt Certification in 2011. Unfortunately, the military industry is also downsizing and yes, another layoff. I am returning to the automotive industry in a full-time position to begin yet another "career" with great company with plans to enter their LSS Program.

I am sharing my story to express my sincere gratitude to the CPS staff for the accelerated education and the job search guidance. CPS also provided students with mock interviewing, resume critiques and networking assistance. This guidance and networking is not part of the curriculum but is a vital part of landing your next job and another reason to consider CPS. Networking skills opened opportunities to my last 5 position interviews. After successful completion of the CPS program, my unemployment time between positions is about 30 days, due to each corporate hiring process.

CPS offers an excellent education, guidance through the State & Federal funding process and assistance with interviewing skills in a very personalized & professional environment. My story stands as a testament to the accelerated curriculum, excellent staff and persistent dedication to achieve success.

Michael J. Readwin

I am a former student of CPS now successfully back in the workforce. I was laid off from Chrysler in April of 2008 and spent nearly two years looking for work. I have a Mechanical Engineering degree and an MBA from Michigan State's executive management program, and I specialize in organizational development and process improvement, yet could spark no interest from any employer though I papered this country with a thousand plus resumes. During the summer of 2009 I was granted TAA eligibility and started CPS training for both Program Management Professional (PMP) and Lean Six Sigma Black Belt certifications. I added this fact to my resumes and, even though I was still in training, started getting significant interest from potential employers. Before completing the training I accepted an offer from the Department of Defense, Defense Contract Management Agency and began working again in March of this year.

You could, perhaps, dismiss my good fortune as inevitable, with CPS playing no role in improving my opportunities, but that would be an error. I'm a veteran and had been applying for government jobs for months prior with no interest. It wasn't until I could claim new skill sets desired by DoD and DCMA that I generated any interest.

However, the fact that I'm one of the 90% of CPS students to be back working is not why I've chosen to defend them here. I have a deep educational background, have taught and trained myself, and am concerned with the state of education in this country at all levels. My consternation with DELEG's actions has more to do with the fact that you are putting a highly effective educational organization at risk, rather than just removing an efficient means of re-employing skilled workers. The CPS educational model focuses on providing highly marketable skills, taught by field experts in ways that are relevant to the students, using real world examples that speak to situations faced in the workplace. They also draw on the diverse expertise of the students to help clarify and amplify classroom materials. But the most impressive attribute of CPS, from my perspective, has to do with their willingness to be flexible and work with students through the various challenges presented their circumstances. I personally would not have received my LSSBB certification if they had not been willing to stick with me through the difficulties of finalizing my project while beginning a new job.

I am not certain of the reasons why DELEG has chosen to not approve the TAA waivers of students seeking to enter CPS programs, but I urge you to reconsider. Whatever the issues work them out by other means, do not force an effective and efficient education provider out of business. CPS is providing great value to its students and this country during a most difficult time. They should be held up as examples for other training and education providers to emulate, not choked off by bureaucratic red tape.

Gilbert C. Quick

I understand DELEG has recently taken a policy position regarding TAA program approvals that disqualifies many "for profit" programs. Please let me relate my personal experience with the TAA approved program I completed at Center for Professional Studies (CPS).

After a 30 year career in Engineering Management in the automotive industry I found myself, like many others, trying to reposition myself for a brutal job market. After much study I decided completion of the Program Management Professional (PMP) Certification would be most beneficial in my career enhancement. Of the various programs offered; Villanova University on-line, Lawrence Tech University, New Horizons and CPS - I chose CPS.

My reasons for choosing CPS were simple:

- Accelerated timeframe, sooner done, sooner making a paycheck (and paying taxes)
- taught by people that have industry experience
- Program required participation in real projects with real companies that CPS had lined up as partner firms
- Costs, while not cheap were competitive with the other programs

My results;

- Best training I have attended since a few college courses many years ago. I say this having attended hundreds of hours of annual training in my past profession. Focused on what is needed by industry and what is required to complete PMP certification.
- I went into the PMP certification test very confident - came out with a high score, passing first time on a test with a fairly high failure rate.
- MOST IMPORTANTLY; 2 job offers, both said having PMP certification was a key factor. In the end I chose to go my own way starting my own business. That step was in-part due to the confidence and business ownership insight I gained while with CPS.

My concern with DELEG's actions:

While I am sure there are abuses of the TAA program by some schools, my experience is that unilateral actions are generally flawed. They kill the good programs for sake of the few that are a problem. I can only speak for the program I attended but in CPS's case your actions are hurting a program that has helped many people get back into the job market. I know just about all, if not all, of my CPS classmates are now working again.

My suggestion:

Look at the results; reinstate those programs that honestly get people back to work.

William Cornish, PMP

I understand that a decision has been made regarding approvals of TAA waivers for students wishing to take classes with the Center for Professional Studies (CPS) and that DELEG will no longer be funding these activities. As an outsider to your decision process I do not have the full information on what may have lead to this decision. However as a graduate of several classes at CPS I can only say that this appears to be a short-sighted decision.

My personal experience with CPS left me greatly impressed with the professionalism of their instructors and the relevance of the subject matter to preparing their students for real world business opportunities in new occupations. CPS works with employers to provide projects for CPS students to work on at the employer's facilities, allowing the students to augment what they learned in class with relevant field practice and to permit students and potential employers to meet and learn how each other can benefit from these relationships.

Personally for me the classes and CPS' practice of working with employers directly lead to my employment here at Quality Metalcraft.

I strongly support a re-evaluation of the current decision and believe that classes at CPS should be funded.

Tom Stebbins, PMP

Unfortunately, it is all about cutting costs for many states or what some economists, such as myself call 50 Hoovers contracting. Michigan like many other states has chosen to balance its budget on the backs of children through educational cuts, higher education with less aid to universities, the elderly and the poor with cuts in Medicaid, and the unemployed with cuts to job training.

Rather than take a more progressive view and reorganize it's purchasing for the prisons in Michigan and using the mass economies of scale of purchasing to buy for all of them, it has taken on an approach allowing each of them to be little fiefdoms within the state. Foods, canteen machines within visiting rooms, etc are all contracted separately by each site often times resulting in less than favorable results in cost and quality.

Enough could be saved in this one area to again fund programs such as what The Center for Professional Studies and still allow low cost phone calls by prisoners to their homes. This is only one area of cost improvement for the prison system which would bring relief to the budget. Revamping sentencing guidelines for non-violent prisoners and also restricting parole boards in interpreting the law to keep prisoners longer would cut costs even further.

It is easy to cut programs such as what The Center for Professional Studies and other areas as I mentioned above because each has little political clout with the bureaucrats running each of the departments and the politicians in Lansing. Hopefully there is a change of mind in Lansing.

Bill Haskell

I do not know the reasoning behind DELEG's actions of not approving TAA's for training of displaced workers in Michigan. I do know a few things about TAA and the training options available, the poor job market over the last 2 years, the need to improve your skills to re-enter the job market, and the efforts needed from approving authorities.

I am thankful for TAA program as it allowed me to seek training initiatives to update my professional skill set and learn new methods. I am thankful for the great people at 2 Michigan Works Offices (Livingston County and Troy) in advising me to the No Worker Left Behind & TAA programs and the other resources I could leverage. I was without work after leaving Chrysler in late 2008 and not knowing where to turn after initial job inquiries had died up and became non-existent, as our economy and the job market went into "financial meltdown" and millions of people nationally were now displaced and looking for work.

The Center of Professional Studies was the best program for me. It was in-depth, compressed training in various technical and business areas. The training was provided by practicing, seasoned industry professionals and leaders. It provided the benefits of obtaining recognized certification in the fields of program management and lean six sigma black belt. It involved hands-on experiences with local partnering companies to practice the training concurrently as it was being learned. This type of program was very unique from the other institutes as they were strictly classroom experiences. In addition, for some students, this hands-on partnered training and experience led to their employment with these companies. A very, very positive result in the devastated job market here in Michigan! For me, I know the training has had a positive effect in my knowledge and my understanding in the use of these new skills and methods. It has also allowed me to meet some wonderful people who have aided me in my search. One contact led me to the job I have now. Thus, I am thankful to CPS and the people associated with their programs as it has improved my future.

To the leaders at DELEG, I encourage you to again approve these type of requests for funding under TAA and/or No Worker Left Behind programs so as to support the people in need and the excellent organizations (like CPS) trying to help them get back to work here in Michigan.

Steven Kupa

Daryl and the CPS team have developed a model that works! -Accelerated training, leading to in-demand certifications, aimed at the experienced technical professional and coupled with corporate partnering. The result is a high re-employment rate for unemployed professionals and improved efficiency for corporate partners. Less tangible but equally important is the sense of esprit de corps the CPS team fosters with students and faculty. CPS is extraordinary in its commitment to student success.

Joe Tori, PMP

I agree 100% that (DELEG) needs to re-analyze their decision on rejecting the TAA beneficiaries. The TAA program is a way to bail-out the taxpaying professional who had been paying above average tax rates for several decades, and had their jobs eliminated due to careless government agreements. This TAA funding was a way for the effected un-employed professionals to gain the necessary skills to attain another profession.

I am an example of a working professional who worked 50+ hour weeks for 18 years, and had lost my job due to outsourcing due to NAFTA and CAFTA agreements. Fortunately, I had been able to take advantage of the TAA retraining fund and attend CPS. This re-training program funded me to attend CPS and obtain skills that are necessary to meet the requirements in the current job market, and become skilled in other fields that will offer equal or higher salaries than my past position.

I sincerely support the TAA funds importance and ability to offer another option to maintain success, or just another method to prevent financial failure.

James Brown

I am very disappointed with DELEG or should I say a few members within the organization. This is a critical time in the recovery within the state and DELEG is turning their backs on thousands of people that need assistance now. In the next 90 days or so, there will be thousands of people in the state of Michigan that will lose their unemployment assistance. These people are going to be running out of options quickly. On top of that, excellent schools, like Center of Professional Studies, that provide an amazing service to those that have been displaced are not going to be able to get educational assistance to better themselves.

CPS is a fantastic school that produces results. Their students find work after they graduate, period. More importantly, the students are getting relevant training to make them competitive in this tight market. I love hiring CPS students because they already have the diploma from the university, have 10+ years working experience and now have the current tools from CPS to be marketable.

Matt Karrandja

Account Manager

Trialon

I am surprised at the insensitivity and ignorance of the DELEG staff. Ignorance doesn't suggest stupidity - ignorance is defined as a lack of understanding.

1. CPS attracts students of a higher caliber that do not require 24 months of training. Most CPS students are seeking to refresh and rebuild current skills; the quick, intense training provided by CPS is perfectly suited to fulfill this need.
2. CPS is following the TAA directive of providing training that leads directly to re-employment. There is no arguing the placement rate of 93%, proving their programs are timely and relevant.

DELEG's decision to place further constraints upon the recipients of the Federal TAA program, a program specifically designed to assist the unemployed back into the workforce, is bad business for Michigan. By demanding a 24 month retraining schedule DELEG has effectively tied the taxpaying hands of Michigan citizens.

DELEG's inability to appropriate Federally appointed TAA funds to effective, proven training programs, such as those provided by CPS, is a travesty. We need all of our citizens fully employed so they can contribute to society, become active participants in their communities, churches, schools and local government. Being unemployed are not desirable, getting back to work and becoming a contributing member of society is the goal.

Perhaps DELEG has lost sight of the goal.

Peggy Pineau

I was laid off from my job as a product design engineer at Ford Motor Company in January 2009 during the time when the entire auto industry was in a complete meltdown and it appeared that I had no hope of being able to support my family. The best move I made was to enroll at CPS in their design engineering program.

13 months after being laid off, I was able to find a job at Ford SVT. The classes they teach at CPS help to keep your skills fresh as an engineer and get you back to work ASAP. I still have many friends that have been out of work for more than 2.5 years. I already have a bachelors and masters degree in mechanical engineering and in this recession, conventional education does not seem to help. Without the help from CPS, my family and I would have probably lost everything.

Please keep these programs going because it helps to get people back to work. When you don't have a pay check coming in, everyday is an eternity and there are not many places to turn.

Larry Parets

I am writing this letter to explain the success of the educational programs at The Center for Professional Studies (CPS). I had recently become unemployed from Chrysler Corporation and I was looking for training to increase my worth in the job market outside of automotive. I had done some investigation on different educational programs with a Lean Six Sigma Black Belt program only to find that they all required that the student be working for the company that the project would entail.

I came upon CPS and contacted Daryl Patrishkoff to further understand the program that they were offering and that they were using outside companies to provide Six Sigma projects. These projects not only helped the students obtain their desired education but also helped local companies with existing, real world problems that could be solved making them more competitive in a tight market.

I was also pleasantly surprised that it could be funded by the TAA program even though it was not a two year program but an accelerated 4 month program. I applied for my TAA funding immediately and was accepted so I could begin quickly with my education. CPS differs from other programs for quite a few reasons:

- It's educators are real life businessmen, engineering, managers that use recent case studies to teach their courses
- The courses are accelerated so that the students (who are unemployed) can reap the rewards of the programs faster than waiting two years and as a result get back into the workforce quicker.
- They use local companies with their programs at no cost, the companies become more efficient in a very competitive atmosphere while helping in the education process.
- The students are exposed to many different businesses other than automotive which most of us in this area are from.
- The size of the classes encourages networking that would not otherwise happen.

Because of my affiliation with CPS I now work for a food company in the Detroit area, I use all of my previous knowledge base along with the skills I learned and honed through CPS. This company was involved in one of the first Six Sigma Black Belt program and had a need for an Operations Manager; because of my involvement with CPS I was offered the job.

I have also started my own consulting firm, Manufacturing and Process Solutions which has been successful in obtaining contracts because of my education through CPS. I would have never had the opportunities presented, had I not been enrolled with CPS and had the education supported by the TAA program.

John Willis

This endorsement will be incomplete without bearing in mind what is happening to the workforce, skilled and unskilled both, around Michigan and in the rest of the country. We very well know that how bad Michigan is hurt due to company closures and employee layoffs, with businesses, especially heavy duty manufacturing moving overseas. In November of 2008 I joined the ranks of those who were actively seeking employment in this market and it was an eye opener to see how many people with years of experience and education were waiting in line! We all had one thing in common – we were lacking, in some way, the skill-sets, either these not being relevant or contemporary to what the employers desired. However, we all had a desire to succeed by elevating our educational and training skills to the next level, to quickly gain valued skills sought by employers trying to make the most in this market.

Two things were critical to make the next leap for people in my situation – one was to find a source of funding; the existing personal savings had dwindled due to the market slumps and there was no real paycheck coming in to fund any future education. The second thing was to find an educational program that would deliver pragmatic skill sets (certifications) that would entice the very few hiring employers out there to consider us for positions they were seeking to fill. The first step was covered by the Federal and the State funding – this really made it possible to think of any future education, especially, when putting food on the table was in question!

When I surveyed the educational programs out there, I found that they mostly focused on a two year program, which wasn't the luxury most of us had. While I was considering various community and university programs, I came across a free educational seminar through Engineering Society of Detroit and got to know about the Center for Professional Studies (CPS); this was a real break for me and various other people in my situation. We had finally found a program that offered highly focused, relevant, and appropriately timed program to gain certifications, which were in demand even during the economic slump; industry, in general, and companies in Michigan. CPS had Program Management and Lean Six Sigma Certifications programs designed for intense four months of in-class training by experienced instructors who knew the industry and its challenges well. Their hands-on industry project to complete the Six Sigma certification requirement was really quite unique which no other programs offered.

With a graduate level engineering background and an MBA from University of Michigan I feel I have had a world class education; keeping this in mind, I whole-heartedly endorse the CPS curriculum, their quality of instructions, level and knowledge of the instructors to stand tall with some of the premium educational institutions in the area. Their success in having 90% plus graduate employment speaks volumes, given the state of economy and the job market we are facing. I would recommend their program to anyone seeking to learn and develop skills greatly valued in this changing marketplace.

Jatinder Singh

I am writing to express my experience with the Center for Professional Studies (CPS). As a senior engineer with over 35 years experience in the automotive industry I found myself looking for a new way to support my family as quickly as possible. In my search for new employment I found the employers were looking for professionals with a unique combination of skills and certifications, especially for positions which provided wages in the range I had been making previously. To fill the gaps in my skills base to fill these positions I searched for education opportunities that could provide the skills I felt I needed.

Through my evaluation I found CPS, a school uniquely positioned for professionals, offered a package of certifications I was looking for and no other company did. They were able to combine these certifications providing me with a curriculum which filled all of my needs to compete in a spectrum of new opportunities and industries.

Equally important, CPS was able to complete all of this training in less than half of the time any other institution willing to provide. In less than a year I was able to successfully receive all of the certifications I was looking for, including professional Project Management certification from PMI. More importantly I was offered a job in approximately a year's time and am currently working, directly related to training provided by CPS.

Without TAA funding provided in a timely manner necessary to pay for the accelerated training CPS provides, I would still be taking classes in the process of certification testing preparation through June of 2011. I would be struggling to feed my family, retain my home, educate my children, remove myself from the unemployed support rolls, and would not be in a position to actively help others do the same. Senior professionals are highly trained and experienced, already possessing most skills, and require additional training to compete in new future position or industry. With limited jobs available, CPS is uniquely positioned to help senior professionals fill gaps in their skill sets getting them back to work in a record amount of time.

Brian Enck, PMP

I had the privilege of having Daryl Patrishkoff as the instructor during my recent PMP training at the Center for Professional Studies. Daryl's background in engineering and consulting, along with his knowledge of PMP and PMI practices unquestioningly makes him a subject matter expert. Daryl did an excellent job of facilitating discussions, bringing real world examples to class, and engaging his students with his enthusiasm and his mastery of the subject matter. He also presented complex material in a logical and easy to understand manner, making it quickly and easily understood.

Daryl was responsive to student needs, open minded and very approachable; everything a great instructor should be. Thank you Daryl and CPS, for a great training experience!

Les Gyori

After ten months of being unemployed I was directed to CPS. Thanks to the training received at CPS by the great teaching staff especially from Daryl Patrishkoff, it helped me greatly in my engineering profession. Before I was even able to complete the Design Engineer course, I had several calls and a few interviews, even during those rough times throughout 2009

Right away I landed a great Senior Design Analyst job in Puerto Rico and I know it was clinched during the interview process just as I presented one of my certificates, Dimensional Management, the one they were looking for. I'm still aiming to get back to Michigan and I'm sure I'll again find something as this economy continues to make its way back to recovery.

Thank you CPS and Daryl Patrishkoff!

Mario Bengala

I was enrolled at CPS for formal training in Lean Manufacturing, Six Sigma and Project Management Professional certifications. The experience was rewarding improved my marketability in employment. Many advantages can be listed:

- Networking with other professionals of the student body
- A “fast track” learning environment to obtain training and get back working.
- Certified teachers that are in touch with student and industry needs.
- Valuable textbooks, software and accessories to use in future work experiences.
- Project experience to obtain practitioner certification.
- Flexibility within the schedule framework to serve student needs.

CPS training is an effective solution for industry professionals that want to rapidly return to the work place with new skills to enhance their chance of finding new employment. The training is intense but rewarding. I would not have gone through the program unless it was a “fast track” solution. I needed to obtain new certifications as quickly as possible, and then return to employment.

Recently I have secured a full time position at a non-automotive company using these tools, techniques and methodologies I was certified in at CPS.

Dan Resmer, PMP

The Center for Professional Studies (CPS) was instrumental in my ability to quickly return to the work force. Through CPS I was able to complete Project Management Professional certification, Lean Six Sigma and Black Belt Six Sigma training in less than six months. Upon completion of the accelerated program I applied for a Senior Project Management position at General Electric, via their on-line website. Based on my CPS training and qualifications I received a response to my application the next day. Within one week I had interviewed and received an offer from them at a pay higher than my previous pay at Chrysler.

In addition to education, CPS offered numerous job fairs. They constantly networked with employers in and outside of the Detroit area to ensure that their students had every opportunity available to them to re-enter the job market. Numerous students received employment directly due to CPS' networking efforts. They are committed to offering the right training required to helping the unemployed in the metro Detroit area.

If I was unable to combine multi-year government training funds I would not have been able to return to the job market as quickly as I had. This would have resulted in significant financial struggles for our family. I highly recommend that the government continue this opportunity and recognize that CPS is a tool to improving the economy in Michigan.

Kelly Shoulders, PMP

I used CPS for training and updating my skills for getting a job in a tough employment market. The training opened up new doors and opportunities that I wouldn't have if I didn't do the training. The instructors are very professional and experienced in all industries. I would definitely recommend CPS for training and education.

Athear Salem

The instructors are first class, with a superb knowledge of the material and always go the extra mile to meet the needs of their students. I have come away from every class with much a deeper knowledge of the material at hand, and I have confidence that I will be a much heavier hitter in the job market.

I have never gone to a school that has come close to matching their commitment to satisfy, serve and equip their customer--namely me--the student. Thanks Daryl, Cindy, Dennis, Lee, Steve and all the staff. Your instruction and service has been well worth the long drive I have to your school.

Roger Williams

I wanted to inform you that this afternoon I verbally accepted a position at World Technical Services Inc. as the aero-thermal engineer and lead on the overall vehicle build of a Fuel Economy Demonstrator project for the US military. It is a position that I am extremely qualified for and very excited to start. Additionally, my starting salary is a substantial increase from my salary at Chrysler with better benefits.

If not for CPS sending my resume out to several different companies, I would never have heard of WTSI, would not have received an unsolicited interview request, and would have missed out on a great opportunity. Had it not been for my CPS training in Pro/E, Pro/Mechanica, and Project Management, and my attainment of a Designing Engineer certificate, I do not feel that I would have been a top candidate and also able to negotiate a salary increase in the current economic climate.

I want to thank you and all the friends I have made at CPS who helped to keep my confidence up when things were looking bleak, and gave me the additional tools to put me at the top of a very large talent pool.

Thank you and best regards,

Terry DeKoninck

It is an honor and a privilege to have graduated in Program Management Certificate Program from Center for Professional Studies in Troy, Michigan. The teaching was professional, practical, interactive and informative. The courses covered skill sets that are being sought after in the industry.

The teaching was unique, in the sense; it exhibited projects that were recently completed for each of the topics covered in the courses. This encouraged my sincere participation in the courses. I have thoroughly enjoyed the learning process at CPS where the student's needs and their individual learning abilities are put first.

I take this opportunity to wholeheartedly thank Daryl Patrishkoff and his excellent team of instructors for guiding me through the project work at CPS. I also thank Daryl for his vision, initiative, leadership, sincerity, communication, unwavering support and encouragement.

Without a hesitation, I would recommend CPS and Daryl to people who want to further their learning.

Sonny Veeramachaneni

I owe Daryl and the CPS team a debt of gratitude for contributing to my success recently in landing a new position.

The job description, for an interim associate director position in a state university admissions office, called for both knowledge and experience in project management. After completing the CPS program in August, I was able to show evidence of very recent formal training in project management in my cover letter and resume. In the interview that soon followed, I was able to effectively discuss my Program Management knowledge and experience, with the insights I acquired in your program very fresh in my mind. The hiring manager offered me the position a few days later, and I'll start next week, with confidence in my ability to apply professional skills in managing a variety of projects.

I believe my experience clearly shows how Program Management skills acquired in your program can help establish professional credibility, and lead to success in the job market, and high performance on the job. My future plans include investing a portion of my earnings in passing the PMI exam and earning PMP certification, which I believe will serve as very useful additional evidence of professionalism and expertise for future advancement opportunities, since I already know my new employer values expertise in project management.

Thank you for a very practical and effective training experience.

John Fruner

I'm happy to report that I have received an offer for contract employment as Project Manager, initially working in Europe (Germany), leading to permanent hire, with KMT Robotic Solutions. I will be starting this Wednesday. This position is initially for six months with a plan for direct hire, unless the global economy takes a dump again. I will be managing a project supporting the manufacture of wind turbine blades so this is a perfect start in an industry that I have been studying for the last 3 years.

I'll let you know how it goes!

Thanks a million, for your help and support during this "very stressful period of drought".

Dirk Peter

I am sending a special thanks to all of my “Recommenders” on LinkedIn; I know for certain that the recruiter and hiring manager looked at my LI profile and that your input helped them to make a positive hiring decision about me. So this is official notice to let you all know that I have obtained full time employment as a mechanical engineer again. The job is a 12 to 18 month contract assignment with G-Tech Services to be a Product Quality Engineer at Caterpillar in Peoria, IL. Since it is short term I will be commuting back to Detroit when I can on the weekends.

Caterpillar needs to bring its entire product line into compliance with new tighter EPA regulations. They are going with the urea injection concept to accomplish this so the project team will have to deal with issues such as extra fuel consumption, excess heat, and finding somewhere to put the system on the vehicle. Specifically what I’ll be doing is helping their Product / Design engineers with managing the APQP process. APQP is new to Caterpillar so that is why they are bringing people in from the auto industries that have some experience with it. Getting really excited about this because it is a great opportunity at a great company and a chance to build on some new skills, most importantly the company is fully behind our efforts.

Thanks again to all of you for your help, support, encouragement, I will never forget.

I have to put in special thank you to Daryl Patrishkoff here for his excellent instruction and assistance, I WOULD NOT BE HERE IF NOT FOR YOU AND YOUR SCHOOL! Thank you for including me in your APQP class when you needed some extra butts in the seats!

Warmest Regards to all and hope to see to see you again very soon,

Kevin McCutcheon

The Center for Professional Study’s program has been the most rewarding educational experience that I had ever had, because these programs are geared toward teaching the material needed to perform the tasks of a career, and the hands-on experience that is required to sustain the knowledge. I had taken the Lean Six Sigma Black Belt program and would rate this experience as top-notch.

The real life examples of the classroom’s case-studies had influenced the actual Lean Six Sigma project that offered the exposure to real-life situations, which are needed to become a successful Lean Six Sigma Black Belt. I am so thankful for the experience to attend this academy and feel like my professional level of experience has grown more in the few months of attendance in the program than in the six years of classroom training it took to complete my MBA.

James Brown

I am recommending Daryl both as an instructor and as CEO of Center for Professional Studies. As an instructor for Lean Manufacturing his knowledge of the material was superb. He made the concepts easily understandable and provided all materials needed for a complete hands-on experience. I am thoroughly satisfied with the service provided me in his class, and would advise all my colleagues to take classes from him.

As CEO of Center for Professional Studies he has chosen only the best instructors for the courses they offer. My experience at CPS has been one of growth and I am more equipped than ever for a competitive job market. The staff at CPS truly understands my needs as a customer and how to deliver accordingly. I want to extend many thanks to Daryl and all of the staff at CPS for a truly rewarding educational experience.

Roger Williams

I want to thank the Center for Professional Studies (CPS), the Professors and the Administration, where I received my Six Sigma Black Belt Certification. CPS was instrumental in enhancing my skills through the Six Sigma Black Belt curriculum and completing my Projects to gain my certification while I was laid-off. If I had not had the opportunity to receive the TAA benefits and receive my Six Sigma Black Belt Certification thru CPS, I am confident that I would not have the opportunity for the Quality Lab Coordinator, at William Beaumont Hospital, job position, much less an offer.

Ceena S. Andrades

"The Center for Professional Studies (CPS) owes the success of its students to a superb curriculum that prepares them for immediate success in their professional careers. A great part of the success is due to its dedicated and knowledgeable team of instructors, who can relate and exemplify their instructional knowledge to their real world successful experiences.

My academic exposure to the principles of Total Quality and Lean Six Sigma through CPS, and a CPS sponsored project for black belt certification at a local manufacturing plant, have greatly helped to build skills towards my current assignment. I would highly recommend CPS to anyone planning to take their next career leap.

Jatinder Singh

I have been hired for full time employment at Paramount Precision Products as "Lean Manufacturing Manager". I will be working on a list of strategic and tactical lean events. One of my top focuses will be the implementation of the "Fixture Organization and Readiness Project"; this should give Dan, Mike and I the opportunity to complete our project. We are fully supported by the President and Owner of PPP. Additionally, we have had very constructive meetings with several employees and are now in the position to implement the project.

I feel fortunate to have been placed in a position to be hired by Paramount; this was a direct result of taking classes at CPS and the onsite training.

Bill Hampton

CPS offers one of the most unique programs available. Instructors have extensive industry experience. The certification classes are created to meet the changing job market. And extra curricular activities are scheduled with a focus on re-entering the workforce. The CPS team fills a need in the community not covered by traditional universities and community colleges.

My experience with CPS is that I not only learned valuable skills but gained confidence in what I could offer an employer. I am working now as an engineer for a non-automotive company. I have kept in contact with many of my fellow students and teachers. This whole experience was a very positive experience.

In conclusion, Michigan should keep the existing benefit structure or expand it. Don't turn your back on the experienced professional workforce. Don't let organizations like CPS become victims of the recession.

Deb Meagher

8. Corporate Testimonials



May 6, 2010

Subject: QMC and CPS Six-Sigma project (Hemmer change over)

Dear CPS team,

Thanks you! Sometimes it's really that simple.

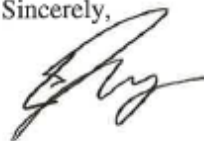
When QMC and CPS created a strategic partnership to help bring students at CPS to certification in your many offerings we did not realize how much we would become the students as well. The Six Sigma partnership has helped us immensely in our thoughts of business as well as contributed to the bottom line.

I would like to thank the specific team of Bill Haskell, Mack Manning and Steve Kupa for their efforts in deep diving our process of change over at our hemming cell and providing excellent process feedback which lead to a 80% reduction in setup time in one of our highest capacity resources. Observations by the team also contributed to QMC lead projects which yielded a throughput increase of 75%. This increase has reduced overall cost to these products through the cell as well as opened up capacity in one of our best margined resources.

The partnership has also inspired us to continue Six-Sigma activities with 2 additional CSP-QMC teams working on projects in our facilities now, and we are preparing to send some of our team through your certification course for certification in the fall.

We look forward to a continued partnership with CPS on future certification programs and what the future holds.

Sincerely,

A handwritten signature in black ink, appearing to read "E Long", written in a cursive style.

Eugene Long
Director of Program Management
Quality Metalcraft



CPS

AVL AMERICAS, INC.
47519 HALYARD DRIVE
PLYMOUTH, MI 48170-2438
TEL (734) 414-9600
FAX (734) 414-9690

Contact Person

Andreas Fredrich

Tel. No.

248-379-5604

Email

Andreas.Fredrich@avl.com

Contact Person

April 20, 2010

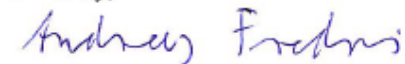
Subject: Hotline Lean Six Sigma Project

We at AVL would like to thank CPS, Dave Patrishkoff, Sharon Martin and Michael Readwin for the teamwork and dedication in completing the Hotline Lean Six Sigma Project. The 6 month long DMAIC process resulted in a 50% improvement for call resolution by the Hotline while decreasing the average time for issue resolution by 60%. This was achieved by creating a common data location and a call log data system using SharePoint. Both are referenced in "real time" to resolve customer issues.

This activity exceeded our expectations and provides improved visibility for all Hotline calls. This data collection will continue to validate future improvements throughout 2010. Other continuous improvement ideas, uncovered through this project, will continue to improve future customer satisfaction. One day, the hotline may become a profit center through the outstanding service provided to all AVL customer served.

Thanks again on a job well done.

Sincerely,


AVL Team

Andreas Fredrich



INSTRUMENTATION & TEST SYSTEMS, INC.
46097 COMMERCE CENTER DRIVE
PLYMOUTH, MI 48170
TEL (734) 414-9600
FAX (734) 927-0653

September 20, 2010

To: Dave Patrishkoff

Subject: AVL Parts and Service Quoting Lean Six Sigma Project

Dear Dave,

This letter is to inform you of the completion of our LSS project. I have received Gilbert Quick's final report on the project and concur with its findings. We have, based on one of the findings co-located a member of our Inside Sales Group with our Parts and Service quoting team. The results of this move have been positive. We have greatly reduced errors and the need for redo loops in the quote process. The people involved have been able to discuss face to face any problems or questions regarding quote requirements.

I want to thank you and Gil for participating with us on this project. Your effort and insight has shown us a valuable perspective on how to maintain and improve the processes behind our work.

Regards,
AVL INSTRUMENTATION AND TEST SYSTEMS, INC.

Greg Weyhing
NA Service Operations Manager

Cc: Michel Yasso – Director, Customer Service
Kelly Fushi – Manager, Parts and Repairs



March 29, 2010

Daryl Patrishkoff, PMP
THE CENTER FOR PROFESSIONAL STUDIES
200 East Big Beaver Road
Troy, MI 48084

Daryl,

I would like to take this opportunity to thank and congratulate your team for a successful project here at US Manufacturing.

The team of Engineers here at USM enjoyed working with the black belt team and respected their enthusiasm, professionalism and their meticulous data mining to identify root caused and potential improvement actions.

To date we have seen dramatic improvement in scrap reduction, elimination of repairs and raising our OEE on our 5A differential case line. What used to be our number one scrap line and lowest OEE line is no longer appearing in our TOP 5. We still have a couple of actions recommended by the team to complete, which I expect will result in additional improvements.

I consider the project a complete success and look forward to working another black belt team from CPS in the future.

Regards,

Floyd H. Gryzelius
Director of Engineering

Cc: D. Patrishkoff
C. Andrades
J. Singh
D. Cotton
B. Simon
J. Simon



November 5, 2010

Subject: QMC and CPS Six-Sigma project (Die changeover)

Ms. Grossbach,

Thanks you! We truly appreciate what you've done!

As you know our relationship with CPS on the Six-Sigma certification program is not new. Our expectations however are always exceeded through the programs to our surprise. This project is no exception.

During the course of the Die Changeover process you and your team were able to qualify some of the missing points in our organization and lead us to the proverbial stream by using data and fact. The key points of daily event boards, visual management flags, and the readiness checklist have significantly improved the process in our plant. We are more organized, more precise and most importantly more efficient. The reduction statistics have cut our die tryout time by over 50% and is showing a estimated cost savings of up to \$50,000.00. It also opens up additional capacity for QMC to seek business to fill.

We thank you again for your committed efforts and outstanding performance. We also wish you the best of luck with your new certification as it is well deserved. We hope to work together with you again in the future.

Sincerely,

A handwritten signature in blue ink, appearing to read 'E Long', written over a light blue circular background.

Eugene Long
Director of Program Management
Quality Metalcraft



November 5, 2010

Subject: QMC and CPS Six-Sigma project (Laser setup)

Mr. Barraza,

Thanks you! We truly appreciate what you've done!

As you know our relationship with CPS on the Six-Sigma certification program is not new. Our expectations however are always exceeded through the programs to our surprise. This project is no exception.

During the course of the Laser setup process you and your team were able to qualify some of the missing points in our organization and lead us to the proverbial stream by using data and fact. The key points of committed support during the buyoff, and the readiness checklist have significantly improved the process in our plant. We are more organized, more precise and most importantly more efficient. We are in the implementation phase now and already seeing exciting results. This resource is our plan bottleneck and this project we anticipate will gain us up to 25% additional capacity which is a major difference in this business. We anticipate less outsourcing and higher margins due to these improvements.

We thank you again for your committed efforts and outstanding performance. We also wish you the best of luck with your new certification as it is well deserved. We hope to work together with you again in the future.

Sincerely,

A handwritten signature in blue ink, appearing to read 'E Long', is written over a light blue circular background.

Eugene Long
Director of Program Management
Quality Metalcraft



November 5, 2010

Subject: QMC and CPS Six-Sigma project (Die changeover)

Mr. Brown,

Thanks you! We truly appreciate what you've done!

As you know our relationship with CPS on the Six-Sigma certification program is not new. Our expectations however are always exceeded through the programs to our surprise. This project is no exception.

During the course of the Die Changeover process you and your team were able to qualify some of the missing points in our organization and lead us to the proverbial stream by using data and fact. The key points of daily event boards, visual management flags, and the readiness checklist have significantly improved the process in our plant. We are more organized, more precise and most importantly more efficient. The reduction statistics have cut our die tryout time by over 50% and is showing a estimated cost savings of up to \$50,000.00. It also opens up additional capacity for QMC to seek business to fill.

We thank you again for your committed efforts and outstanding performance. We also wish you the best of luck with your new certification as it is well deserved. We hope to work together with you again in the future.

Sincerely,

A handwritten signature in blue ink, appearing to read 'E. Long', is written over a light blue circular background.

Eugene Long
Director of Program Management
Quality Metalcraft



To: Whom it may concern,

With the help of John and the whole team here at Winter Sausage / Norwegian Jake's we have seen a dramatic improvement in our oxygen levels, throughput and use of modified atmosphere packaging gas. The lower oxygen levels across all products have helped in increasing our shelf life of products to a minimum of 65 days vs. 60 days. The standardization of the equipment settings and control limits has also diminished the complexity of changing settings for our different products. The throughput of the line is increasing to point that we are at levels not experienced in the past and the mindset of the team is to always look at ways to improve. We are now looking at ways to improve the JPM throughput of the Nacho product since all other items are basically put to bed. The usage of our modified atmosphere gas has also decreased substantially with the process put in place and has improved our cost dramatically.

I consider this project a success and look forward to using the tools learned to identify other areas for improvement and cost savings.

Sincerely,

A handwritten signature in cursive script that reads 'Greg VanHazenbrouck'.

Greg VanHazenbrouck
General Manager

Winter Sausage Mfg., Co.
22011 Gratiot, Eastpointe, MI 48021
Phone: 586-777-9080 Fax: 586-777-7996



DEPARTMENT OF PATHOLOGY
Henry Ford Hospital

Henry Ford Hospital
2799 West Grand Boulevard
Detroit, MI 48202-2689
(313) 916-2342 Office
(313) 916-9113 Fax

March 23, 2011

Daryl Patrishkoff, PMP
THE CENTER FOR PROFESSIONAL STUDIES
200 East Big Beaver Road
Troy, MI 48084

Dear Daryl,

We would like to take this opportunity to thank and congratulate your team for a successful project here at Henry Ford Hospital, Transfusion Medicine Division.

As you know our volunteer program is directly associated with the Quality Systems Division in Pathology and Laboratory Medicine and is directed by Dr. Ricard Zarbo, Chair and Senior Vice President. Your team was guided directly under the leadership of Dr. Ileana Lopez the Medical Director of Transfusion Medicine Division.

The project "The Apheresis Plasma Exchange Procedure" was to investigate and identify possible gaps in billable charges to Transfusion Medicine Division in both Inpatient and Outpatient population.

We have enjoyed working with the team of Six Sigma Black Belt students, Kristine West, Margo Kaminska and Warren Morski and respected their enthusiasm, professionalism and diligence in meticulous data mining to identify root causes and potential improvement action items to get the project completed in five months.

To date we have implemented generation of written orders filled by Pharmacy for Albumin, Calcium gluconate and blood products for the Blood Bank.

We thank you again for the committed effort and outstanding performance in getting this project completed.

Sincerely,

Ruan Varney
The appointed Director of Six Sigma Internship Program through the Quality Systems Division