

“We Simplified Our Universe...  
So That You Could Improve Yours”

# Lean Six Sigma

Excursions for  
Sustainability through Certification  
**White Belt Certification**



Tennessee State University  
Office of Extended Education  
3500 John Merritt Blvd  
Nashville, TN  
Office: 615-963-7001



## Greetings

We are proud to introduce our newest Innovation Center. **The Lean Six Sigma Academy.** Our training experiences focus on best practices, techniques. We also bring into your universe practical tools that are easy to implement in your organization.

Our Lean Training Institute is in partnership with a Woman Owned Business who also happens to be an alumni of our great institution. We are excited about the Lean Training Institute because it is an expansion of our current brand and it gives us the latitude to help you “Explore the Obvious” through innovative Edu-tainment.

We are in the classroom (upon request)... We are virtual... And We are here to provide coaching you when you want it as well.

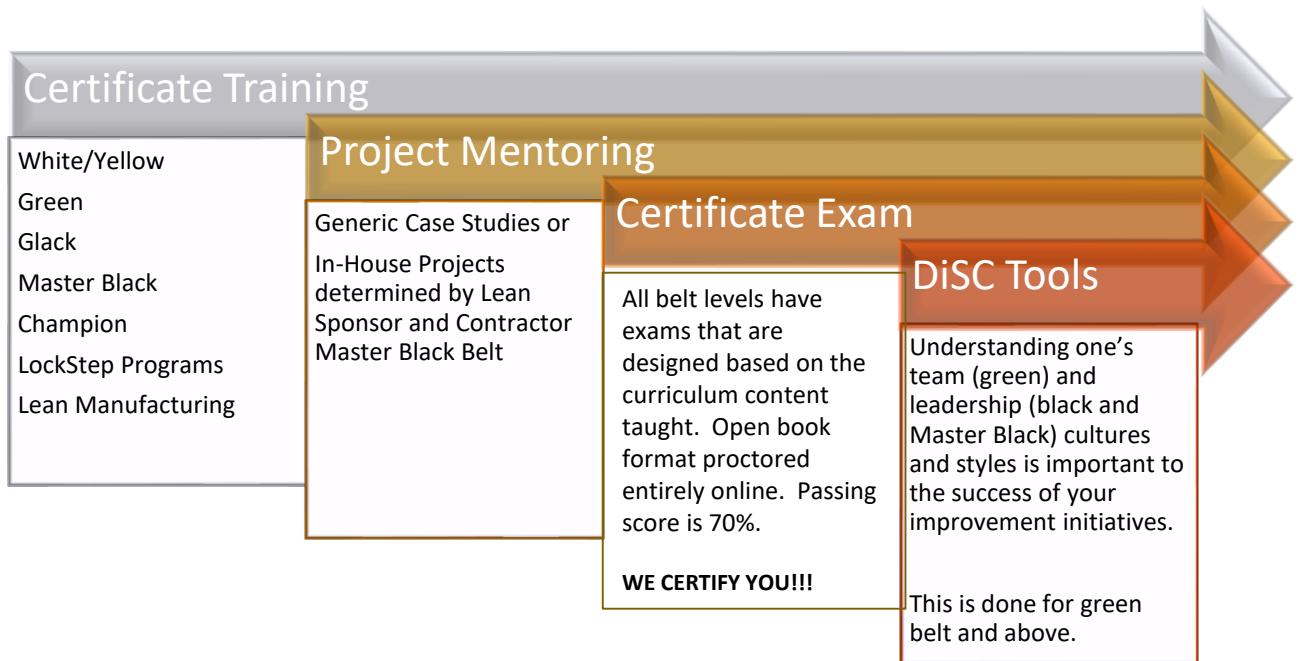
We look forward to your favorable response and if you have any questions, please contact the undersigned at 615-963-7001.

Kindest regards,

Office of Extended Education

## What makes us different from our Competition?

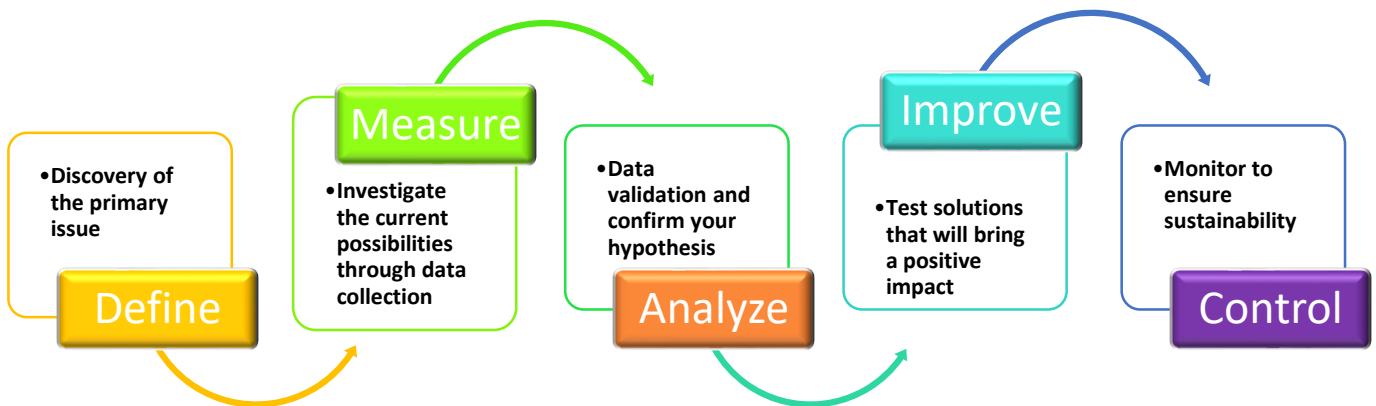
At Tennessee State University, we have a distinct uniqueness when compared to our competition, regardless of the size of the organization. That DIFFERENTIATOR is that we are a ONE-STOP-SHOP when it comes to the Lean Six Sigma Journey. We have taken the time to ensure your success. Ours is 100% completion rate with average exam scores of 88-99%. Our Candidates succeed because of our CONTINUUM OF LEARNING WITHOUT INTERRUPTION. It is because we offer the following on your journey....



All sessions include course materials, certification exam (if applicable), and project mentoring. Course content has **been researched and designed in accordance with the published body of knowledge from the International Association for Six Sigma (IASSC).**

# What is a DMAIC Process Station?

The DMAIC Process Stations contain the tools and technical approaches  
That assist our candidates in building a business case for transformation.



“...It gives me great pleasure to recommend Gail and the Institute... In a three year timeframe the Team has delivered Project Planning, and Scheduling, Team Dimensions, Kaizens and Lean Six Sigma Green Belt and Yellow Belt Training. I recommend them with enthusiasm and given the opportunity would engage them again in future training initiatives...”

*Peterjohn Plummer, Sr. Mgr. – Operations Systems Projects*

*Noven Pharmaceuticals, Inc.*

*(a member of the Hisamitsu Group)Miami, FL*





## Why Train with TSU?

TSU offers a unique remedy that provides our clients with the ease of understanding the concepts and methodologies introduced. By simplifying our universe, we have been able to help you improve yours with sustainable results. Your ROI is immediate because with we provide you with the support you need to be successful in your Lean Certification Journey. Our Curriculums and Trainers are also **ACCREDITED BY THE INTERNATIONAL ASSOCIATION FOR SIX SIGMA CERTIFICATION AND THE COUNCIL FOR SIX SIGMA CERTIFICATION**. We guide you through your “wilderness” with techniques that include but are not limited to...

- TSU separates Lean Six Sigma by experience levels which ensures that you are able to walk before you run
- If you have completed the certification course, we can coach you through your project and offer the exam
- Our training team is comprised of certified professionals in the Lean Six Sigma universe.
- Certification is free with the complete Green and Black Belt training.
- TSU brings Lean Six Sigma to you translated into everyday business language
- Project Coaching is included in the fee for the full certification training. The certification project aids in bringing a faster ROI to you and your organization because results are realized.



This 1 day course equivalency is designed to assist emerging Lean Professionals with an introduction to the Lean Six Sigma Universe. Candidates will learn level appropriate tools using a case study that will provide a “real time” experience in using the templates and worksheets included in your toolbox.

At the completion of the program, you will clearly **see what’s in it for me** (WIIFM):

1. Your role as a ***Lean Six Sigma (LSS) Professional*** in a Lean Organization
2. How this will begin to help you eliminate the nagging and ongoing problems we face day-in-day-out, and the value of working on continuous improvement projects
3. Tools and Templates that will allow you to conduct your processes analysis
4. The value of a Lean Six Sigma model and consistent language integrated across the organization

**Is there a Candidate Criteria?**

No pre-requisite.



# White Belt Tools



DMAIC

Project Charter

SIPOC

Process Time Tracking Grid

Swim Lane Process Map

Cycle Time Analysis

Value Added and Non-Value Added Analysis

5S Audit Checklist

Project Selling Point Grid

# Lean Six Sigma Certification

Lean Six Sigma Certification is an opportunity to establish our position in the marketplace through the completion of your training, project and examination are accolades when this globally recognized certification is granted.

The cost of the certification with TSU is included in the Green and Black Belt Courses and provide the proof that existing and prospective staff have attained a high standard of expertise in their use of Lean Six Sigma Methodology.

The information provided below will give you additional support on the certification process with TSU.

## How can I promote and use my Lean Six Sigma qualifications?

You will be able to bring greater value to your personal credentials and a heightened credibility to your organization's sustainability and improvement initiatives.

You will also be able to self promote yourself by noting the acronyms assigned to the applicable belt levels that you have been awarded.

## How long does my certification last?

The certificate expiration dates and/or recertification requirements include...

- Yellow Belt – No Renewal required
- Green Belt – No renewal required; Refresher course encouraged every 5 years
- Black Belt – Renewal requirements every 3 years
- Master Black Belt – Renewal requirements every 3 years

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## How can I apply for a certification (or recertification) exam?

Application for the TSU certification and examination process is available at...  
Email: [continuinged@tnstate.edu](mailto:continuinged@tnstate.edu)  
Telephone: 615-963-7001

## Exam Requirements

### What type of questions will there be?

All exams contain a mixture of questions. You will be required to entertain multiple choice, true /false, short answer, fill in the blank, problem solving and data interpretation. Questions are randomized so no test is the same.

### How long will the exam last?

Candidates will have one (1) week to complete the exam

### Will I be allowed to bring reference materials?

The test is an open book exam. Candidates are allowed to use the materials used in the course. This is an individual exam and should be completed in this manner.

### Where will the exam be held?

The exam is contained in an online platform and is available 24/7/365 for eligible candidates.





What a great pleasure and experience to be educated by your service , this Green Belt certification is immense accomplishment to the development of my management skills for the Cities Public Utilities department. This Six Sigma knowledge will be something I will use and embrace into my white hair warrior days. Once again I can not say enough , **thank you !!!!!!!!!!!!!!!**"

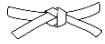
*Utilities Operations and Maintenance Superintendent  
ECR/WRF - Public Utilities Department*

Senior Vice President Human Resources  
Altegra Health



Connie Valencia, CIA, CRMA, Six Sigma YB  
Project Manager / Process & IT Transformation Director"

# TSU Lean Six Sigma Training Universe



**White Belt:** Assists with process mapping



**Yellow Belt:** Front line Team Members handle The data collection and perform basic process mapping



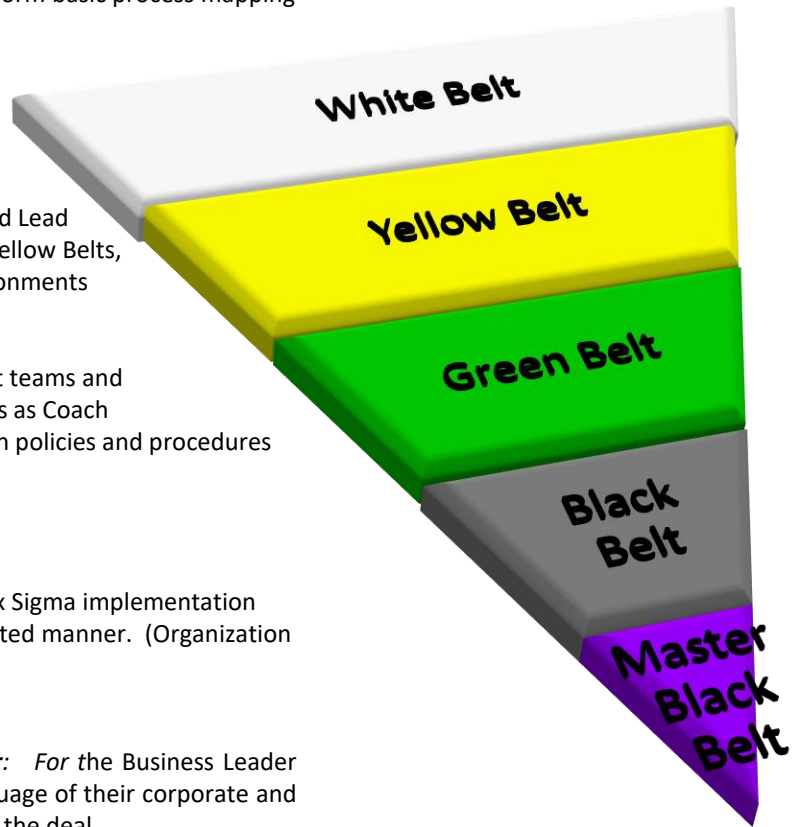
**Green Belt:** Lead Teams, focus on analysis and Level 2 solutions



**Black Belt:** Solutionists, Mobilize and Lead Teams, Train and Coach green and Yellow Belts, Manage Improvement project environments



**Master Black Belt:** Oversees Project teams and associated Team dynamics, functions as Coach to other levels, Builds transformation policies and procedures



## Other Certificate Training



**Champions** take responsibility for Six Sigma implementation across the organization in an integrated manner. (Organization Leadership)



**Lean Business Leader/Entrepreneur:** For the Business Leader who must be able to speak the language of their corporate and government clients in order to close the deal.



**Lean Practitioner (Kaizens):** Run your own projects with the tools that will assist you in mobilizing project teams, project management, handoff and monitoring for sustainable integration

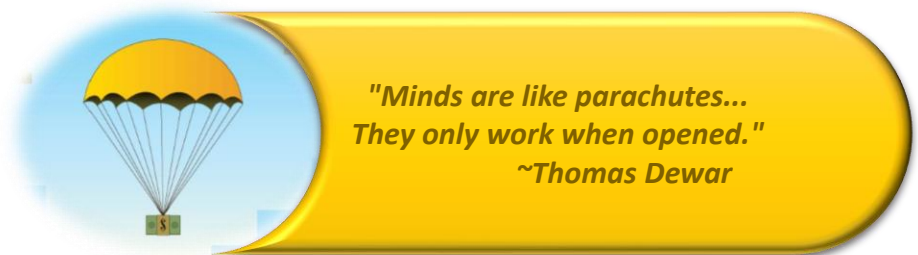


**Lock-step Program:** For the Company who is on an accelerated timeline to transform your culture, this is for you. In 6-8 months, our candidates will go from yellow to black belt. If you seek your master black belt designation, it is 12-15 months.



**TPS – A Lean Approach:** This training focuses specifically on the principles and tools used in this universe of “Lean Manufacturing” as created by Mr. Toyoda and Mr. Ohno. This Lean Course, while originating in the manufacturing climate is not just for professionals in that industry. The tools and critical thinking can translate across industry lines.

# Who is TSU?





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