

# MILESTONE

*Providing Stepping Stones  
Along the Path to Success*



A WOMAN-OWNED  
SMALL BUSINESS

LEAN  
PRINCIPLES

In the 1950s, Toyota created the lean processes specifically for the manufacturing industry; however, these processes have influenced every aspect of project management. The idea of using the term “lean” focuses on providing only the requirements for the project and nothing extra.

To understand the lean mindset, we must examine the Principles of Lean.

***Define Value***

You should have a clear focus on value through the eyes of the customer. What value does the customer place on certain features and functionality? By using the voice of the customer, value can be understood which assists in prioritizing future deliverables and outputs. Items must be separated as those which add value and those that don't.

***Map Value Stream***

The value stream map focuses on providing value through features and functionality that will benefit the organization as well as the project. Mapping the value stream connects to determining the processes and the connection of these processes to each feature and functionality and document each. Creating a visual process map of the old process is beneficial in looking at dead time, waste, and waiting time associated with its completion. Create a new process map using lean thinking which removes any dead time and discuss what cultural adjustments are needed to support this new direction.

***Create Flow***

Creating flow connects to the establishment of a process or value stream that benefits the project, features, functionality, and overall product output. The ultimate goal of lean flow is to create a process that runs as fast as possible that supports quality while providing the highest value to the customers.

***Establish Pull***

Creating pull focuses on the responsiveness to customer desires with minimal wasted time in the process. The pull system allows the organization to be optimized for speed and delivery of all products with minimal oversight, limited inventory, and reduced overall cost. The pull system supports the just-in-time production model of limiting storage and warehousing of items for the project while meeting all demands.

***Limiting the Work in Progress***

Work in progress delivers no value until it is completed, tested, and accepted by the customer. Limiting the WIP allows teams to focus their work on the immediate feature or function.

***Pursue Perfection***

The goal of pursuing perfection is unattainable in most cases. Create an environment that is as perfect as possible and deliver high quality products and services to the customer with the least number of defects. The idea also focuses on the ability to adjust to the customer requirements, processes, and new demands.

Join Dr. Mathis on Friday, December 10 for our free *Leading & Managing Virtual Teams* webinar. In this 1-hour webinar, participants will learn how virtual teams can be highly productive for achieving unbelievable outcomes if run correctly and engaged in every project. If you cannot attend, a replay link will be sent out after the webinar. To register, go to [www.themathisgroup.com/webinars](http://www.themathisgroup.com/webinars).

UPCOMING  
FREE WEBINAR

LEADING &  
MANAGING  
VIRTUAL TEAMS

FRIDAY,  
DECEMBER 10

10:00 - 11:00 AM CST

1 PDU

TO REGISTER, GO TO

[www.themathisgroup.com/webinars](http://www.themathisgroup.com/webinars)



SATISFIED CLIENTS  
OF THIS COURSE

STATE OF KANSAS  
FEDERAL AVIATION  
ADMINISTRATION  
BREWER SCIENCE

# SCRUM PROJECT MANAGEMENT: RUNNING PROJECTS LEANER AND FASTER - 3 DAY

*PDU's - 19.5*

**PMI's Talent Triangle Breakdown**

Technical - 15.00

Leadership - 4.50



face-to-face



virtual  
instructor-led

**Course Description:** In the early 1990s, Ken Schwaber and Jeff Sutherland created Scrum as a simplified project management approach. The goal of Scrum is to produce software or a product every 30 days for the customer. While Scrum is a straightforward process, it is not easy to put into place and maintain. It is also not simple to shift from traditional project management to Scrum methodologies and cultures. During this three-day course, participants will examine the beginning framework of Scrum, the roles and responsibilities of team members, and each aspect of running projects using Scrum methodologies. Students will learn how to shift the roles from a traditional project manager to ScrumMaster. The course will include situations to challenge participants with what Scrum is and is not.

## **Course Objectives:**

**Objective 1: History of Scrum**

**Objective 2: Define Scrum Roles and Responsibilities**

**Objective 3: Describe Scrum and Its Success Factors**

**Objective 4: Define Scrum Events - Ceremonies**

**Objective 5: Review Scrum Artifacts**

**Objective 6: Identify the Sprint Review**

**Objective 7: Launching Scrum**

**Objective 8: Planning a Scrum Project**

**Objective 9: Estimate a Scrum Project**

**Objective 10: Contracting Challenges in a Scrum Project**

**Objective 11: Communicating in a Scrum Project**

**Objective 12: Providing value-driven delivery**

**Objective 13: Defining quality initiatives**

**Objective 14: Defining risk and reducing it**

**Objective 15: Retrospectives and Continuous Improvements**



A WOMAN-OWNED SMALL BUSINESS (WOSB)



Providing quality, customized training and consulting services that inspire, educate, and equip organizations to be better tomorrow than they are today.

DR. KEITH MATHIS, PMP, PMI-ACP, CSM  
WANDA MATHIS, M.ED. PMI-ACP

# PROJECT MANAGEMENT TRAINING

OVER 60 PROJECT MANAGEMENT COURSES REGISTERED WITH PMI

PRESENTATIONS THE EDUCATE, MOTIVATE, AND INSPIRE

Since 1993, The Mathis Group has been helping organizations change worker productivity and behavior.

PROJECT MANAGEMENT  
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CUSTOMER SERVICE

## COMPANY MANDATE

The Mathis Group provides training and consulting that will impact the organization and individual while maintaining an outstanding reputation for success and integrity.

## VALUES STATEMENT

Every person has worth and should be treated with respect.

## AREAS OF EXPERTISE

- Curriculum Design
- Project Management
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- Marketing
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- Performance
- Team Building
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