

# BLENDED DELIVERY - ON-DEMAND & LIVE INSTRUCTOR LED ONLINE

## SYLLABUS

### AGILE BLOCKCHAIN SCRUM MASTER

<b>Duration:</b>	25 Hours
<b>Delivery:</b>	LIVE Online Instructor Led Workshop and On-Demand
<b>Instructor(s):</b>	Jim Sullivan
<b>Office Hours:</b>	10:00 AM to 6:00 PM Eastern Standard Time
<b>Email:</b>	support@on360.com
<b>Prerequisites:</b>	No prior blockchain or computer programming experience required. Knowledge of Project Management, Scrum or Agile is helpful, but not required.
<b>Certification Exam:</b>	Certified Agile Blockchain Scrum Master
<b>Certification Body:</b>	Blockchain Certification Association (BCA)

#### **Course Overview:**

The Agile Blockchain Scrum Master program is for project leaders, project managers, architects, software developers, and technically capable managers who want to comprehend an enterprise Blockchain application's development effort and implementation using Agile methods. Executives, project managers, and development professionals will align their experience with Blockchain as an emerging technology and learn about its various aspects and requirements in a way they are positioned to lead Blockchain product development teams and participate in the team and product process and its governance.

#### **Course Composition:**

Online On-Demand:	Agile Blockchain Scrum Master OnDemand	Modules 1 - 13
LIVE Instructotr Led Online	Agile Blockchain Scrum Master Workshop	
LIVE Instructotr Led Online	Ask Me Anything - Weekly Session	

#### **Learning Objectives:**

- Identifying the options for Agile process solution design
- Learn about various techniques to blend Scrum and Agile methodologies for an optional solution.

- Understand the Agile Manifesto and various families of Agile Methodologies and how they apply to not only building Blockchain products, but also all products.
- Awareness of Scrum and Agile roles, responsibilities, alignments and other items required for successful product delivery.
- Understand how Scrum and Agile can make complex product delivery more manageable.
- Working with teams to help them design their own Scrum and Agile process design.
- Focus teams on integration solutions to fellow counterpart teams to blend their team output into the product delivered to the customer.
- Ability to execute on developing product maintenance plans.

**Demonstration of Learning Outcomes:**

Work using the Agile process and Scrum Master. leading Scrum Teams developing Blockchain products, device development, and other complex product development.

**Evaluation:**

Evaluation is based on participation and a final exam.

Weighted:

50% participation

50% on the final grade

80% overall grade is required to receive a Certificate of Completion.

**Grading Policy:**

Pass or Fail. No Credit (NC).

**Attendance Requirements:**

Students are expected to complete all online self-paced modules and assessments. Certificate of Completion will not be issued until all online modules are complete, including the final exam.

**Student conduct and etiquette:**

Students will be expected to be courteous in their conduct and communications to the instructor and classmates at all times, whether such conduct or communication is in person, by telephone, or electronic communications.

Behavior that persistently or grossly interferes with the instructor or other student activities is considered disruptive behavior and may be subject to disciplinary action. Such behavior inhibits other students' ability to learn, and an instructor's ability to teach. The instructor may require a student responsible for disruptive behavior to leave the learning environment pending discussion and resolution of the problem and may report a disruptive student to the Student Affairs Office.

Note: Disruptions or any other distraction in the learning environment may result in a failing grade.

### **Course Evaluations**

Course evaluations and program surveys are important components of the educational process. Students are encouraged to complete the student course evaluation form issued after the course. The review is anonymous.

### **Computer/Information Literacy Expectations for Students enrolled in this class.**

Students in this class are expected to:

1. Use a word processing program for writing assignments (e.g., Microsoft Word)
2. Be able to access assigned websites through the internet.
3. Have access to PC or mobile device for participation in course content

### **Course Module Overview - AGIBLE BLOCKCHAIN SCRUM MASTER COURSE**

## **COURSE 1: Introduction to Blockchain Scrum Master**

### **Module 1: Introduction to Blockchain Scrum Master**

- M1-L1-Agile Scrum Intro
- M1-L2-Agile Family of Methodologies
- M1-L3-Agile Manifesto Values

### **Module 2: Agile Economics, Managing, Options, Myths and Benefits**

- M2-L1-Agile Economics
- M2-L3-Options Benefits Myths – Reading Assignment
- M2-L4-Agile Options Benefits Myths

### **Module 3: Scrum Master Role, Scrum Roles, Teams, Basics**

- M3-L1-Scrum Pillars Values
- M3-L2-Scrum Terms, Roles, Team
- M3-L3-SM PO Characteristics User Story Tasks
- M3-L4-PO Characteristics User Story Tasks

### **Module 4: Iteration Basics and Elements**

- M4-L1-Intro to Iteration
- M4-L2-Iteration Execution
- M4-L3-Concluding Iteration
- M4-L4-Scrum Artifacts

### **Module 5: Blockchain Elements Leadership**

- M5-L1-Blockchain Aspects Leadership
- M5-L2-Elements and Components

## **COURSE 2: Scrum Methods for Blockchain**

- **M1-User Stories**
- **M2-User Story Estimation**
- **M3-Team Velocity**
- **M4-Scrum Events**
- **M5-Prioritize the Backlog**
- **M6-Scrum Reporting**
- **M7-Scrum Teams**
- **M8-Risk Management**

## **COURSE 3: Scrum Master Architecting Solutions by Combining Agile Methodologies**

- M1-Architecting Solutions
- M2-Test Driven Dev Demo
- M1-Continuous Integration
- M2-Lean Methods
- M3-Dev Ops
- M3-Release Management

## **COURSE 4: Scaling Agile Solution for Blockchain to a team-of-teams**

- M1-Foundations of Scaling Agile, Blockchain development and other complex product development.
- M2-The Scaled Agile team-of-teams and the Agile enterprise.
- M2-Continuous Integration, testing automation and other practices to maintain scaled teams alignment.
- M3-The Scaled Agile approach to teams-of-teams building Blockchain products, hardware-software devices, and solutions.
- M4-Blockchain product and device evaluation, maintaining Blockchain products and devices, and other business outcomes