



# Global System Integrator Program Machine Safety Capability Overview



The Machine Safety Capability is intended to promote a System Integrators' expertise in delivering solutions leveraging Rockwell Automation Machine Safety product offering. This includes Safety Programmable Controllers, Safety I/O, GuardLink Technology and Safety Connection Systems. [Link to product offering](#)

The Machine Safety Learning Plan can be accessed on [Rockwell Automation University](#) (RAU). Machine Safety Capability credentials are valid for two years. Please review the [SI Welcome Kit](#) for more information on how to access RAU.

## Program Tiers

**Bronze** requirements  
One credentialed resource for one capability

**Silver** requirements  
Two credentialed resources for minimum of two capabilities

**Gold** requirements  
Three credentialed resources for minimum of three capabilities

**Platinum** requirements  
Four credentialed resources for minimum of four capabilities

### Requirements to receive capability

- 1. Obtain the Control Capability**
- 2. Complete a Machine Safety Competency Interview and Evaluation conducted by RA BDM and Domain Experts**
- 3. Complete training as outlined below**
- 4. Minimum of 1 resource with TUV technical certification (TUV certified engineer status strongly recommended)**
- 5. Participate in a bi-annual project review lead by a RA safety domain expert**

Training Module	Platform	Course length (minutes)
SAF21300 The Value of Safety	RAU	15
SAF23400 Safety Circuit Concepts	RAU	14
SAF21004 Risk Assessment Concepts	RAU	35
SAF22101 Introduction to CIP Safety Networks	RAU	12
SAF22003 Safety Relay Concepts	RAU	14
SAF22105 Intro to Functional Safety Standards	RAU	15
SAF21001 Basic and Well-Tried Safety Principles	RAU	20
SAF22204 Introduction to Safety Connection Systems	RAU	45
SAF22205 Introduction to Safety Light Curtains	RAU	23
SAF22207 Introduction to Safety Mats and Safe Edge	RAU	15
SAF22209 Introduction to and Selecting E-Stop Devices	RAU	13
SAF22221 Intro to Safety Switches	RAU	18
SAF22226 Introduction to Safety Drives	RAU	18
SAF22400 Modern Safety Solutions	RAU	13
SAF23102 Functional Safety Standards Overview	RAU	30
SAF23103 13849 Methodology	RAU	14
SAF23106 Introduction to Lockout/Tagout (LOTO)	RAU	18
SAF23213 Selecting Enabling Switches	RAU	5
SAF23215 Selecting Safety Relays	RAU	11
SAF23232 Selecting Light Curtains	RAU	15
SAF23403 Understanding Zones in Safety Applications	RAU	9
SRV22200 Introduction to Machine Safety Services	RAU	24
SRV23211 Safety Services - Assessments	RAU	35
SAF22214 Intro to Programmable Safety Solutions	RAU	18
SAF21201 Machine Safety Product Concepts	RAU	35
SAF22103 Introduction to US Safety Standards	RAU	15
Hott Spot: Guardlink Technology	RAU	60
Hott Spot: 450L Safety Light Curtain	RAU	60
HOTT Spot: 843ES CIP Safety Encoder	RAU	60
HOTT Spot: Compact GuardLogix SIL 3 Controller	RAU	60
<b>TUV Technical Certification</b>	3 <sup>rd</sup> Party	--
<b>Total Hours-Machine Safety Training</b>		<b>12</b>

Qualifications and ability to meet program expectations is evaluated at the end of each fiscal year (September) by Rockwell sales representative or authorized distributor where applicable.