



[www.TempusInstitute.com](http://www.TempusInstitute.com)

## **QRM Certificate Level One – QRM Knowledge Requirements**

---

### Level One: QRM Knowledge

The Certificate of Completion – Level One: QRM Knowledge will be awarded to candidates who demonstrate a thorough understanding of the concepts of Quick Response Manufacturing and its application. It is expected that holders of this certificate will be able to effectively communicate the elements of Quick Response Manufacturing and participate in its implementation to meet enterprise goals.

The Level One – QRM Knowledge certificate requires documentation on Level One Application form TI113 of the following accomplishments:

- 1) Read the following:
  - a. “Quick Response Manufacturing”, by Dr. Rajan Suri, 1998
  - b. “It’s About Time”, by Dr. Rajan Suri, 2010
  - c. “MCT: Quick Reference Guide”, by Dr. Rajan Suri, 2014
- 2) Have completed a minimum of 32 hours of QRM training provided by the QRM Center at the University of Wisconsin, or Tempus Institute. For other training sources, contact Tempus Institute with the title of the event, source of materials to be used, and leader’s QRM credentials for approval.
- 3) Participation in a QRM implementation project, providing a description of the candidate’s involvement, the business case for QRM, the FTMS development, beginning and resultant MCT, and a record of the steps used in cell creation and implementation.
- 4) Successfully pass the Level One – QRM Knowledge examination with a grade of 75% or higher. The examination uses a combination of multiple choice and essay/case study to cover QRM terms, concepts, and applications including the candidate’s experience in QRM implementation.

### Application Process – Step 1

Submit all of the following to be approved to take the Level One exam:

Date that each book readings was completed

Dates, locations, and instructor(s) of 32 hours of QRM training

*The training must have taken place within five years of this application.*

Details of the QRM project in which the candidate participated as described in Item #3  
Application fee of \$250

#### Application Process - Step 2: Examination

After approved completion of Step 1, the candidate may submit the Examination Application. The Level One QRM Certificate examination is either offered at an announced location or taken at a site selected by the candidate to be monitored by a proctor selected by the candidate. The application form requires the name, title, organization, and association with the candidate of the proctor who will be overseeing the candidate's examination session. The proctor should be the candidate's manager, company peer, or professional colleague. Both the site and proctor are subject to approval by Tempus Institute.

The candidate will submit an examination fee of \$250 along with the application.

The candidate will be then be notified of acceptance of registration for the requested examination which will be offered on designated dates throughout the year. In some cases, a company or organization may request a special examination date for a group of candidates.

On the examination date, the proctor will receive the examination for completion by the candidate within three hours. It is to be legibly filled out on paper by pencil or pen. The only resources that may be used for the examination are Dr. Suri's books; *computers and websites are not to be used during the exam.*

At the end of the three hour session the proctor is to sign the examination and immediately fax or email it to Tempus Institute. The original examination is then to be signed by the candidate and proctor and mailed directly to Tempus Institute.

A 75% score is required to pass the examination. The candidate will only be informed whether the exam was passed; the final grade will not be communicated. The examination will not be returned. If a passing grade is not attained, the candidate will be allowed one retake at a charge of \$250 on the following examination date. If the retake is not passed, the candidate may apply for the certificate after one year from the retake.

#### Certificate Award

The candidate who completes both steps will be receive a Level One certificate and an electronic badge for use with digital communications. Tempus Institute will provide verification for all certificate holders when requested.

Form TI114  
Revised 10Dec2015