Create/sign into your Pearson VUE account, via which you can book and cancel your exams as well as access your score reports. During/after Training (optional) or Self Preparation (use Recommend Study Materials below) schedule & pay (using a discount code if applicable) for your exam via your Pearson VUE account. Schedule at a secure test center or online with a reliable internet connection. Once you pass your exam, immediately Claim and Share your Credly Digital Credentials (check your inbox and junk folder for an email from admin@credly.com) with your peers. Print a.pdf or hardcopy of your certificate. If you fail your exam, Request A 20% Exam Retake Discount with an attached copy of your Pearson VUE score report.

1. **Accommodations**
   - For learning or physical disability exam accommodations, please contact certification@omg.org.

2. **Cancellations/Refunds**
   - An exam may be cancelled >24 hours prior to its scheduled date via Pearson VUE for a full refund or the exam price will be forfeited.

3. **Duration**
   - 105 mins in native English-speaking countries. 135 mins in all others.
   - Note: Extra time confirmed following exam order completion.

4. **Fee**
   - US$350 + taxes (regional currency equivalent and taxes)

5. **Format**
   - Multiple choice (text and images)

6. **Languages**
   - English & Japanese. Use of translation apps during the exam is prohibited.

7. **Passing Score**
   - >=60/90 correct answers or >=67% correct answers

8. **Prerequisites**
   - Passing score on SysML Model User exam.

9. **Technical Issues**
   - Contact Pearson VUE Customer Service. Make sure to perform a System Test on your computer before scheduling an online exam.

10. **Validity**
    - Certifications expire 5 years after exam date. Take the same or higher level exam to extend certification validity.
STANDARD COVERED

- System Modeling Language (SysML) v1.2

RECOMMENDED STUDY MATERIALS

- A Practical Guide to SysML: The Systems Modeling Language, 3rd Edition (Friedenthal, Moore and Steiner): Chapters 3 (Getting Started with SysML) and 4 (An Automobile Example Using the SysML Basic Feature Set). *Authors contributed to the standard and exam.
- SysML Distilled: A Brief Guide to the Systems Modeling Language (Delligatti)
- SysML for Systems Engineering (Perry): *Authors contributed to the standard.
- The OMG SysML Tutorial
- Simulation-Based Design Using SysML: Part 1: A Parametrics Primer (Peak)
- MBSE Practices in Telescope Modeling (Weilkiens)
- Hybrid SUV Example (SysML v1.2)
- Cookbook for MBSE with SysML
- SysML Notations and Conventions
- Model-Based Systems Engineering (MBSE) with the Systems Modeling Language (SysML) (Wolfrom)
<table>
<thead>
<tr>
<th>Percentage</th>
<th>Model Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>57%</td>
<td>Modeling Structure and Behavior</td>
<td><strong>Building a Behavioral Model Using the Basic Set of SysML Constructs (24%)</strong>: How system behavior is captured in the model. Building an activity diagram using the basic set of SysML constructs. Building a sequence diagram using the basic set of SysML constructs. Building a state machine diagram using the basic set of SysML constructs. <strong>Building a Structural Model Using the Basic Set of SysML Constructs (23%)</strong>: How system structure is captured in the model. Building the block definition diagram. Building the internal block diagram. <strong>Building a Parametric Model Using the Basic Set of SysML Constructs (10%)</strong>: How system analyses are captured using constraints in the model. Defining constraints on a block definition diagram. Building the parametric diagram using the basic set of SysML constructs.</td>
</tr>
<tr>
<td>19%</td>
<td>The Model</td>
<td><strong>Model Concepts (10%)</strong>: What is a model? Relationship between model and diagram. <strong>Organizing a System Model Using the Basic Set of SysML Constructs (9%)</strong>: Building the model hierarchy. Building a package diagram using the basic set of SysML constructs.</td>
</tr>
<tr>
<td>16%</td>
<td>Modeling Requirements</td>
<td><strong>Building a Requirements Model Using the Basic Set of SysML Constructs</strong>: How system requirements are captured in the model. Building a requirements diagram using the basic set of SysML constructs. Requirements relationships to other model elements. Representing requirements in tables and matrixes. Building a use case model using the basic set of SysML constructs.</td>
</tr>
<tr>
<td>8%</td>
<td>Capabilities and Features</td>
<td><strong>Allocation Relationships (4%)</strong>: Allocation Relationships <strong>Customizing a model (4%)</strong>: Applying a stereotype (but not creation of profiles or stereotypes).</td>
</tr>
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</table>