**Assured Software Development 1 Course**

**Contents**

The Assured Software Development 1 course contains slide sets to support course modules as well as an instructor guide and supporting materials.

**Slide Sets**

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| **Filename** | **Contents** |
| ASD1-Week1-Introduction.pptx | Introduction and Software Lifecycle Models |
| ASD1-Week2-Process Frameworks.pptx | Process Frameworks |
| ASD1-Week3-SwA Lifecycle and Maturity Models.pptx | Software Assurance Lifecycle and Maturity Models |
| ASD1-Week4-Selected Maturity Models in Detail.pptx | Selected Maturity Models in Details |
| ASD1-Week5-SQUARE Overview.pptx | SQUARE Overview |
| ASD1-Week6-Risk Analysis and SQUARE 3-4.pptx | Risk Analysis and SQUARE Steps 3-4 |
| ASD1-Week7-SQUARE 5-7.pptx | SQUARE Steps 5-7 |
| ASD1-Week8-SQUARE 8-9.pptx | SQUARE Step 8-9 |
| ASD1-Week9-Threat Modeling.pptx | Threat Modeling |
| ASD1-Week10-Threat Modeling and Secure Tropos.pptx | Threat Modeling and Secure Tropos |
| ASD1-Week11-QAW and Attack Surfaces.pptx | Quality Attribute Workshop and Attack Surfaces |
| ASD1-Week12-SupplyChain Risk Mgt.pptx | Supply Chain Risk Management (SCRM) |
| ASD1-Week13-SQUARE for Acquisition.pptx | SQUARE for Acquisition |

**Instructor Guide**

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| **Filename** | **Contents** |
| ASD1 Instructor Guide.docx | Guide that helps instructors to use the other materials on this disk |

**Supporting Materials**

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| **Filename** | **Contents** |
| Architectural Driver examples.docx | Examples of Architectural drivers |
| Business goal categories.docx | Business Goal Categories from SEI Architecture Tradeoff Analysis Method® Evaluations |
| Components of six-part scenario.docx | Components of the six-part scenario |
| Example Expanded QAW 6-part Scenario Refinement.docx | Example Scenario Refinement Table |
| Expanded QAW 6-part Scenario Refinement template.docx | Companion materials for the powerpoint |
| IT Infrastructure Threat Modeling Guide.docx | IT Infrastructure Threat Modeling Guide |
| IT Infrastructure Threat Modeling Guide.pptx | Slides that constitutet the IT Infrastructure Threat Modeling Guide |
| Lifecycle and MM exercise Study Case.docx | Operating Scenario featuring Heavy Metal Technology |
| QAW 3-part unrefined Scenario template.docx | Template for use with scenario |
| QAW 6-part Scenario Refinement template.docx | Template for use with scenario |
| QAW Additional References.docx | References related to the QAW scenario |
| QAW in-class exercise.docx | Instructions for the QAW exercise |
| READ FIRST Additional information QAW scenarios.docx | Important information about the QAW scenarios |
| Solution basis for Lifecycle and MM Study Case.docx | Guidance for instructors evaluating student solutions to the Lifecycle and MM Study Case |
| Security General Scenario.pdf | Security General Scenario table |
| SQUARE\_Acquisition\_Case\_3\_final.docx | SQUARE for Acquisition: Case Study 3 |
| SQUARE\_Acquisition\_Case1\_Final.docx | SQUARE for Acquisition: Case Study 1 |
| SQUARE\_Acquisition\_Case2\_Final.docx | SQUARE for Acquisition: Case Study 2 |
| SQUARE\_Workshop\_ClientTeam\_ASD1.docx | SQUARE Workshop Guide: Client Team |
| SQUARE\_Workshop\_RETeam\_ASD1.docx | SQUARE Workshop Guide: Requirements Engineering Team |
| Threat\_Modeling\_Lab\_01 .90.docx | Lab to introduce threat modeling |

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