**Course Sheet Template**

**Name: Course Sheet for Basic UFT**

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| Prepared by Sneha Kumar | Date: 07-Mar-2019 |  |
| Reviewed by Nisha Mendonsa | Date: 07-Mar-2019 |  |
| Approved by Gauresh Gaitonde | Date: 08-Mar-2019 |  |

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| **Version No.** | **Date** | **Affected Sections** | **Brief Description of Change** |
| 1.0.0 | 08-Mar-2019 | All | Original Version |
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## **Definition and Purpose**

1. **Objective:** To provide for the Software professionals with test automation exposure. Testing the application with the usage of automation tool Unified Functional Testing, in handling different elements and creation of test scripts.
2. **Scope:** Applicable to all Atos Syntel employees/ Atos Syntel Clients/ Temp Staff with Atos Syntel/ Vendors with Atos Syntel/ Potential client for Atos Syntel
3. **Content:**

* Introduction to Automation
* Benefits of Automation tools
* Working Architecture of Automation tools
* Various tools & its usage
* Introduction to QTP/UFT
* UFT features and recording modes, Object repository
* Synchronization commands and Parameterization
* Checkpoints
* Output Values
* Regular Expression
* Batch Test
* Recovery Scenarios
* Exception Handling
* Step Generator
* Function definition generator
* Transaction
* Actions
* Virtual Objects
* Descriptive Programming-Static & Dynamic

1. **Methodology/Training Aids:** This is an instructor-led program. Training aids used are a projector, PPT, whiteboard, marker, demonstrations
2. **Target Audience:** Software testers.
3. **Pre – requisites for Audience Profile:** Basic knowledge on Manual Testing and VB Scripts.
4. **Duration:** 15 Hrs.

1. **Evaluation Criterion:** Multiple Choice Assessments on Mettl. Passing percentage is 70%
2. **Session Plan:**

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| --- | --- | --- |
| **Schedule** | | |
| Sr. No | Topic | Duration (In Min) |
| 1 | Introduction to Automation | 30 |
| 2 | Benefits of Automation tools | 30 |
| 3 | Working Architecture of Automation tools | 30 |
| 4 | Various tools & its usage | 40 |
| 5 | Introduction to QTP/UFT | 30 |
| 6 | UFT features and recording modes, Object repository | 60 |
| 7 | Synchronization commands and Parameterization | 140 |
| 8 | Checkpoints | 90 |
| 9 | Output Values | 60 |
| 10 | Regular Expression | 25 |
| 11 | Batch Test | 20 |
| 12 | Recovery Scenarios | 60 |
| 13 | Exception Handling | 45 |
| 14 | Step Generator | 60 |
| 15 | Function definition generator | 40 |
| 16 | Transaction | 20 |
| 17 | Actions | 60 |
| 18 | Virtual Objects | 30 |
| 19 | Introduction to Descriptive Programming-Static & Dynamic | 40 |
|  | **Total Training Duration** | **900** |

**Note:** The flow of the topics can be interchanged and session can be spread across various days based on business need/ trainer discretion. No approvals required for the same.