**Course Sheet Template**

**Name: Course Sheet for Campus Hire Induction Program – RDBMS and SQL**

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| **Version No.** | **Date** | **Affected Sections** | **Brief Description of Change** |
| 1.0.0 | 23-Mar-2017 | All | Original Version |
| 2.0.0 | 27-Jul-2018 | None | Annual Review 2018. No changes made. |

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## **Definition and Purpose**

1. **Objective:** This training program is designed to give a comprehensive knowledge on developing SQL Queries and Stored procedures.
2. **Scope:** Applicable to all Syntel employees/ Syntel Clients/ Temp Staff with Syntel/ Vendors with Syntel/ Potential client for Syntel.
3. **Content:**

* RDBMS Concepts
* Types of SQL statements
* DDL Statements
* DCL Statements
* DML Statements
* TCL Statements
* Joins and Sub queries

1. **Methodology/Training Aids:** This is an instructor-led program. Training aids used are a projector, PPT, whiteboard, marker Implementing Blended training approach which contains 50% classroom training and 50% practice time.
2. **Target Audience:** All band and grade with basic knowledge of RDBMS
3. **Pre – requisites for Audience Profile:** Basic DBMS Knowledge
4. **Duration:** 8 hours for 5 days
5. **Evaluation Criterion:** Evaluation will be based on online assessments (80%) and case study assignments (20%). A participant has to score at least 70% in each assessment.
6. **Session Plan:**

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| **Schedule** | | |
| Sr. No | Topic | Duration (In Min) |
| 1 | Day 1: RDBMS Concepts (ER Model, Normalization, Operators, Types of Relationship) | 360 |
| 2 | Day 1: Types of SQL Statements | 120 |
| 2 | Day 2: Data retrieval using Select statement | 360 |
| 3 | Day 2: Set Operation | 120 |
| 4 | Day 3: Functions in SQL | 240 |
| 5 | Day 3: DML | 240 |
| 6 | Day 4: DDL and constraints | 360 |
| 7 | Day 4: DCL commands | 120 |
| 8 | Day 5: TCL Statements | 160 |
| 9 | Day 5: Joins | 180 |
| 10 | Day 5: subqueries | 140 |
|  | **Total Training Duration** | **2400** |

**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.