**Course Sheet Template**

**Name: Course Sheet for MEAN (MongoDB Express JS Angular5 Node JS) STACK**

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| **Version No.** | **Date** | **Affected Sections** | **Brief Description of Change** |
| 1.0.0 | 01-Aug2018 | All | Original Version |
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## **Definition and Purpose**

1. **Objective:** JavaScript has exploded in recent years and has moved from the front-end on the server-side and database. This course will take you on a beginner’s journey in the creation of an enterprise-style application with server-side code with Node.js and the Express framework, a database with MongoDB and front-end code using Angular5. At the end of training, Campus Hire Trainees will

* Learn to build modern web applications using the MEAN stack.
* Have strong knowledge on MEAN stack.
* Be able to create an application using the *MEAN* stack by writing as little code as possible and taking a high level view of the key components along the way

1. **Scope:** Applicable to all Syntel employees/ Syntel Clients/ Temp Staff with Syntel/ Vendors with Syntel/ Potential client for Syntel.
2. **Content:**

* Mongo DB
* Express.js
* Angular
* Nodejs

1. **Methodology/Training Aids:** Implementing Blended training approach, which contains 50% classroom training and 50% practice time.
2. **Target Audience:** People who have joined as (Fresher) Campus Hires can attend this training.
3. **Pre – requisites for Audience Profile:** Audience should have a basic knowledge of JavaScript. As we are going to develop web-based applications using Angular5, it will be good if you have an understanding of other web technologies such as HTML, CSS, AJAX, etc.
4. **Duration:** 4 days (32 hours)
5. **Evaluation Criterion:** Evaluation will be based on Coding Challenge. Passing Percentage :70%
6. **Session Plan:**

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| **Schedule** | | |
| Sr. No | Topic | Duration (In Min) |
| 1 | Day 1: Node JS | 180 |
| 2 | Day 1: Express JS | 300 |
| 3 | Day 2: MongoDB and NoSQL | 180 |
| 4 | Day 2: Build robust REST APIs using Node.js, Express JS and MongoDB | 300 |
| 5 | Day 3: Angular 5 | 480 |
| 6 | Day 4: Angular 5 | 240 |
| 7 | Day 4: Single Page Application with Angular JS | 240 |
|  | **Total Training Duration** | **1920** |

**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.