# --Table of contents – AngularJS Development Course

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| **S.No.** | **List** | **No. Of Days** |
| 1 | **HTML Basics**   * 1. Introduction and structure   2. Basic Tags - <p>,<div>,<head>,<section> etc.,   3. Images - <picture>, <img>   4. Tables - <table>, <tr>, <th>, <td>, <thead> etc.,   5. Lists - <ol>, <ul>, <li>   6. Forms - <label>, <input>   7. Colours and Characters – rgba, hexadecimal etc.,   8. Semantic HTML – Best Practices   9. References | 1 Day  (8 hours) |
| 2 | **CSS Basics**   * 1. Introduction and structure   2. Basics   3. Selectors (Classes, ids etc.)   4. Display Type (Flex, inline etc.)   5. Colours   6. References | 1 Day  (8 hours) |
| 3 | **JavaScript Basics**   * 1. Introduction   2. Data types   3. Variables – uses, var, let, scope.   4. Operators – Arithmatic, Relational, Logical.   5. Loops – for, while.   6. Functions – parameterized, methods.   7. Libraries, API’s (E.g. Math)   8. Additional functions (e.g. Commonly used functions on strings)   9. Errors and Error Handling   10. JSON introduction   11. Promises   12. jQLite/JQuery Basics | 2 Days  (12 Hours) |
| 4 | **AngularJS Introduction and Setup**   * 1. AngularJS Introduction and architecture   2. Node.js and NPM Introduction and architecture   3. Node.js and NPM Installation and setup   4. Node.js and NPM Basics   5. AngularJS Installation and setup   6. AngularJS CLI introduction, architecture and basic commands   7. AngularJS Basic Project (“Hello World”)   8. Project File Structure | 2 Days  (12 Hours) |
| PHASE 1 COMPLETE | | |
| 5 | **AngularJS - Fundamentals**   * 1. Introduction to Model, View, Controller [M.V.C]   2. Expressions in AngularJS - Strings, Objects, Arrays   3. Modules - Creation, Addition of Controllers   4. Directives - ng-init, ng-app etc.,   5. Data Binding - Ng-model, view.   6. Dependency Injection   7. Controllers, $scope, Inheritance   8. Filters – currency, date, JSON.   9. Services - $timeout, $interval, $http.   10. AJAX   11. DOM – ng-disabled, ng-show, ng-hide.   12. Templates   13. Events – mouse, click.   14. Components | 9 Days |
| PHASE 2 COMPLETE | | |
| 6 | **AngularJS - Essentials**   * 1. Digest Cycles   2. Promises   3. Custom – HTML, Directives, Filters   4. Routing   5. Single Page Applications.   6. REST API   7. Testing   8. Animations   9. Cookies   10. Using SQL   11. References | 9 Days |
| PHASE 3 COMPLETE | | |
| 7 | **AngularJS to Angular**   * 1. AngularJS patterns: Clean Code.   2. Migration to Type Script.   3. Upgrading with ngUpgrade.   4. Process of Migration of various components and methodologies.   5. References for smooth transition. | 3 Days |
| 8 | **Additional Resources**   * 1. MEAN Stack Introduction   2. Through lectures, add features to and build upon a Main Project | 3 Days |
| COURSE COMPLETE | | |