

| Carousel | Course                             | Course Hours | Module(s)                             | Module Hours | Week  | Lessons                   |
|----------|------------------------------------|--------------|---------------------------------------|--------------|-------|---------------------------|
|          |                                    |              | SCI_Orientation (SWD)                 |              | Pre   |                           |
| A        | SWD100 - Coding From Scratch Basic | 60           | SCI_Orientation (CFS)                 | 1            | 1     | All, Exam, Project        |
|          |                                    |              | 002_HTML Basics                       | 15           |       | All, Exam, Project        |
|          |                                    |              | 003_CSS Basics                        | 15           | 2     | All, Exam, Project        |
|          |                                    |              | 004_JavaScript Basics                 | 15           |       | All, Exam, Project        |
|          |                                    |              | 005_Source Control                    | 15           | 3     | All, Exam, Project        |
| B        | SWD101 - Front End Foundations     | 60           | 008_Front End Foundations             | 60           | 4     | 1-20 (Intro to JQuery)    |
|          |                                    |              |                                       |              | 5     | 21-34, Exam, Project      |
|          |                                    |              |                                       |              | 6     | Stretch Project           |
|          | SWD102 - Programming Foundations   | 60           | 010_Programming Foundations with JS   | 60           | 7     | 1-20 (Class Constructors) |
|          |                                    |              |                                       |              | 8     | 21-28, Exam, Project      |
|          |                                    |              |                                       |              | 9     | Stretch Project           |
|          | SWD105 - Database                  | 60           | 011_Database Foundations with SQL     | 30           | 10    | All, Exam, Project        |
|          |                                    |              |                                       |              | 11    | Stretch Project           |
|          |                                    |              | 012_Database Foundations with NoSQL   | 30           | 12    | All, Exam, Project        |
|          |                                    |              |                                       |              | 13    | Stretch Project           |
| C        | SWD104 - Back End Services - API   | 60           | 014_Backend Foundations with Node     | 40           | 14    | 1-10 (Error Handling)     |
|          |                                    |              | 022_Web Security Foundations          | 20           | 15    | 11-15, Exam, Project      |
|          | SWD103 - Front End Frameworks - UI | 60           | 015_Front End Frameworks in AngularJS | 60           | 16    | All, Exam, Project        |
|          |                                    |              |                                       |              | 17    | 1-12 (Using Filters)      |
|          |                                    |              |                                       |              | 18    | 13-22, Exam, Project      |
| D        | SWD106 - Mobile Apps               | 60           | 021_Mobile Web Foundations in Cordova | 30           | 19    | Stretch Project           |
|          |                                    |              | 016_Responsive Design                 | 30           | 20    | All, Exam, Project        |
|          |                                    |              |                                       |              | 21    | All, Exam, Project        |
|          | SWD107 - Agile Project Management  | 60           | 018_Agile Project Management          | 20           | 22    | Stretch Project           |
|          |                                    |              | 017_Career Skills                     | 20           | 23    | All, Exam, Project        |
|          |                                    |              | 020_Deployment in JavaScript          | 20           | 24    | All, Exam, Project        |
|          | SWD108 - Individual Project        | 60           |                                       | 60           | 25    | All, Exam, Project        |
|          | SWD109 - Group Project             | 160          |                                       | 60           | 26-28 | Individual Project        |
|          |                                    |              |                                       | 160          | 29-33 | Group Project             |