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| UnitecHorizontalLogo | Course Schedule |
| School of Computing, Electrical and Applied Technology | ISCG7420  Semester 2, 2021 |

The course is spread over thirteen weeks with four two hour sessions each week.

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| **Week** | **Topics** | **Assessment** |
| Week 1 | Course Introduction  Introduction to web development  API and AJAX  GitHub and Heroku |  |
| Week 2 | Software design pattern  Database Management Tools.  IDEs | Assessment 1 released  Assessment 2 released |
| Week 3 | Object Relationship Management.  Django server side. |  |
| Week 4 | Django server side – cont. |  |
| Week 5 | Django server side ecommerce application |  |
| Week 6 | Django server side ecommerce application – cont. |  |
| Week 7 | Cloud deployment  Assessment 1 Help |  |
| Week 8 | Django REST Framework  Postman | Assessment1 due |
| Week 9 | React JS |  |
| Week 10 | React JS and Django REST Framework |  |
| Week 11 | Django REST Framework Permissions and filters |  |
| Week 12 | React JS and Django REST Framework Permissions and filters |  |
| Week 13 | Assessment 2 Help |  |
| Week 14 |  |  |
| Week 15 |  | Assessment 2 due |

**ASSESSMENT SUMMARY**

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| **Assessment** |  |  |
| Programming assignment to design & develop a database driven dynamic web application | 60% | Individual assignment |
| Assignment to implement assignment 1 by using different technology and then critique the two technologies | 40% | Individual assignment |