

ICT Skills / June Onsite

June Onsite

Preview and Prepare for
Semester 2

Semester 2 Preview

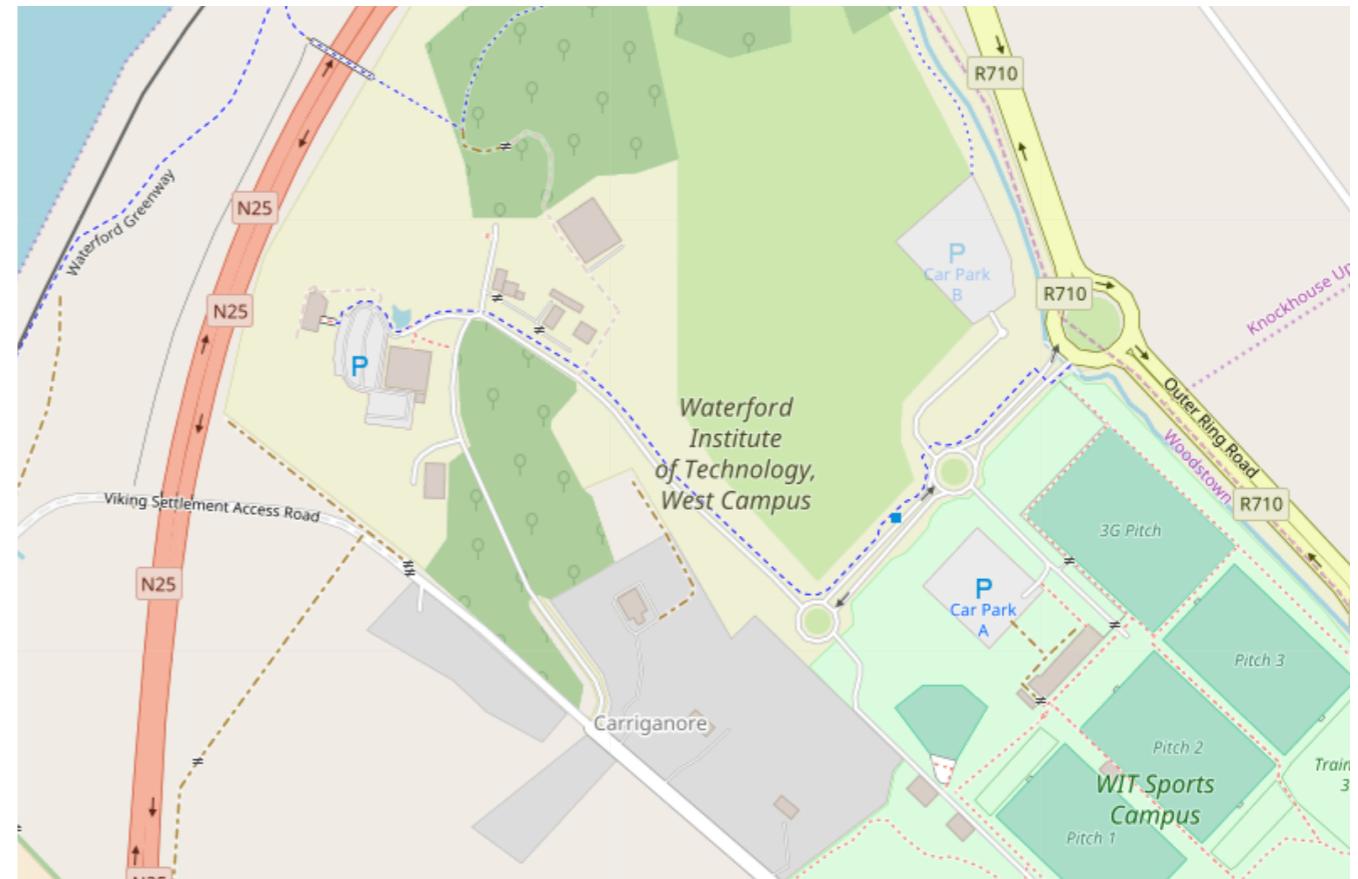
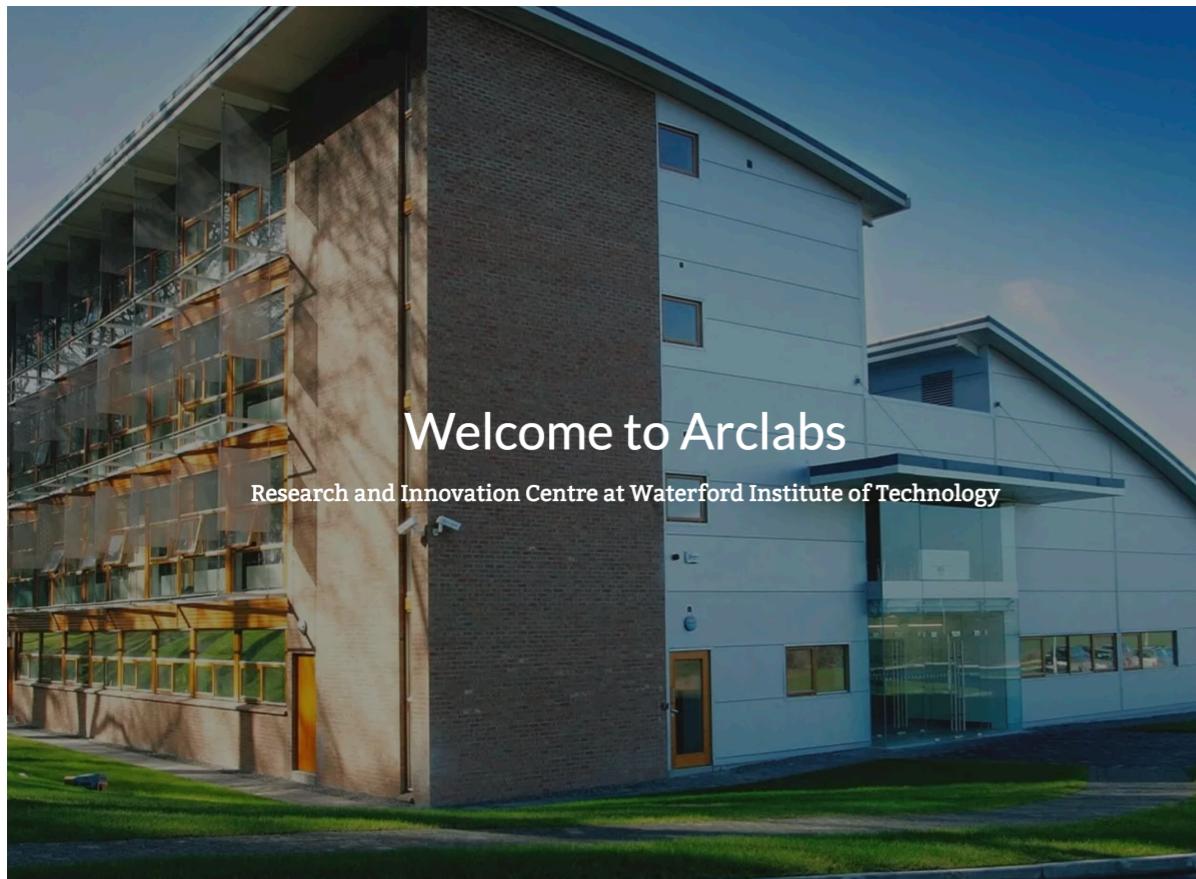
Learn about Placement
opportunities from our Industry
Partners

Industry Partner Talks

| | | | | | | | | | |
|---------------|----|----|----|----|----|----|----|----|------------|
| May | 12 | 29 | 30 | 1 | 2 | 3 | 4 | 5 | prog & web |
| reading-weeks | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 | | |
| | 1 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | ict skils |
| June | 2 | 27 | 28 | 29 | 30 | 31 | 1 | 2 | ict skils |
| | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ict skils |
| | 4 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | ict skils |
| | 5 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | ict skils |
| | 6 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | |

June 14th
& 14th

Location



<http://www.arclabs.ie>

| Thursday 14th | | |
|---------------|--|------------------------|
| 9:00 | Welcome, Agenda + Workplacement Overview | |
| 9:30 | Computer Systems & Networks Workshop I | |
| 11:00 | Coffee Break | |
| 11:30 | Computer Systems & Networks Workshop II | Semester 2 Preview |
| 13:00 | Lunch | |
| 14:00 | CGM | |
| 14:30 | Dataworks | |
| 15:00 | Coffee Break | Industry Partner Talks |
| 15:30 | Fundreecs | |
| 16:00 | Errigal | |

Agenda

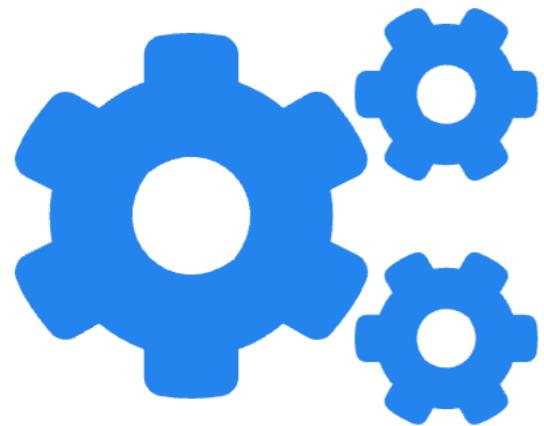
| Friday 15h | | |
|------------|--------------|------------------------|
| 9:00 | TSSG | Industry Partner Talk |
| 9:30 | Database | Semester 2 Preview |
| 11:30 | Coffee Break | |
| 12:00 | Sunlife | |
| 12:30 | SE2 | |
| 13:00 | Lunch | |
| 14:00 | CGM | Industry Partner Talks |
| 14:30 | Dataworks | |
| 15:00 | Coffee Break | |
| 15:30 | Fundreecs | |
| 16:00 | Errigal | |

Confirm Attendance with Martina!

ICT Skills Module

Semester 1

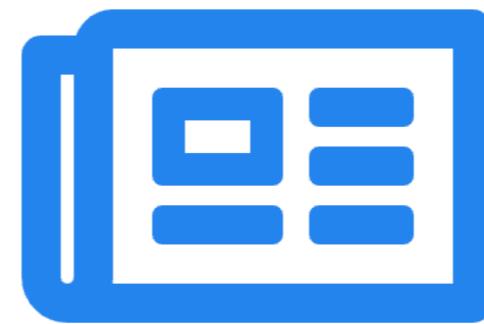
Programming Fundamentals



algorithms · data structures ·
processing · java · classes ·
libraries

10 Credits

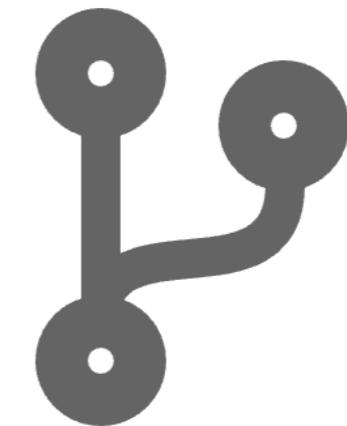
Web Development



html · css · layout · web apps ·
web frameworks · deployment

5 Credits

ICT Skills Studio



javascript · node · express · git ·
github · glitch

5 Credits

ICT Skills
Studio



javascript · node · express · git ·
github · glitch

5 Credits

5 Credit Module to be delivered
across Semester 1 & Semester 2

Focus on continuing application
development skills - including skills
in configuration management and
agile methodologies

2 Assignments in total

Assessments Schedule

| | Jan | February | | | | March | | | | April | | | | May | | | | June | | | | | | | | September | | | | October | | November | | December | |
|-----------------|-----|----------|---|---|-----|-------|---|---|---|--------|----|----|----|-----|-----|----|---|------|---|---|---|--|--|--|--|-----------|--|--|--|---------|--|----------|--|----------|--|
| week no. | 1 | 2 | 3 | 4 | rd. | 5 | 6 | 7 | 8 | easter | 9 | 10 | 11 | 12 | rd. | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | |
| Programming | | | | | | A1 | | | | | A2 | | | | | A3 | | | | | | | | | | | | | | | | | | | |
| Web Development | | | | | A1 | | | | | | | | | | | A2 | | | | | | | | | | | | | | | | | | | |
| ICT Skills | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

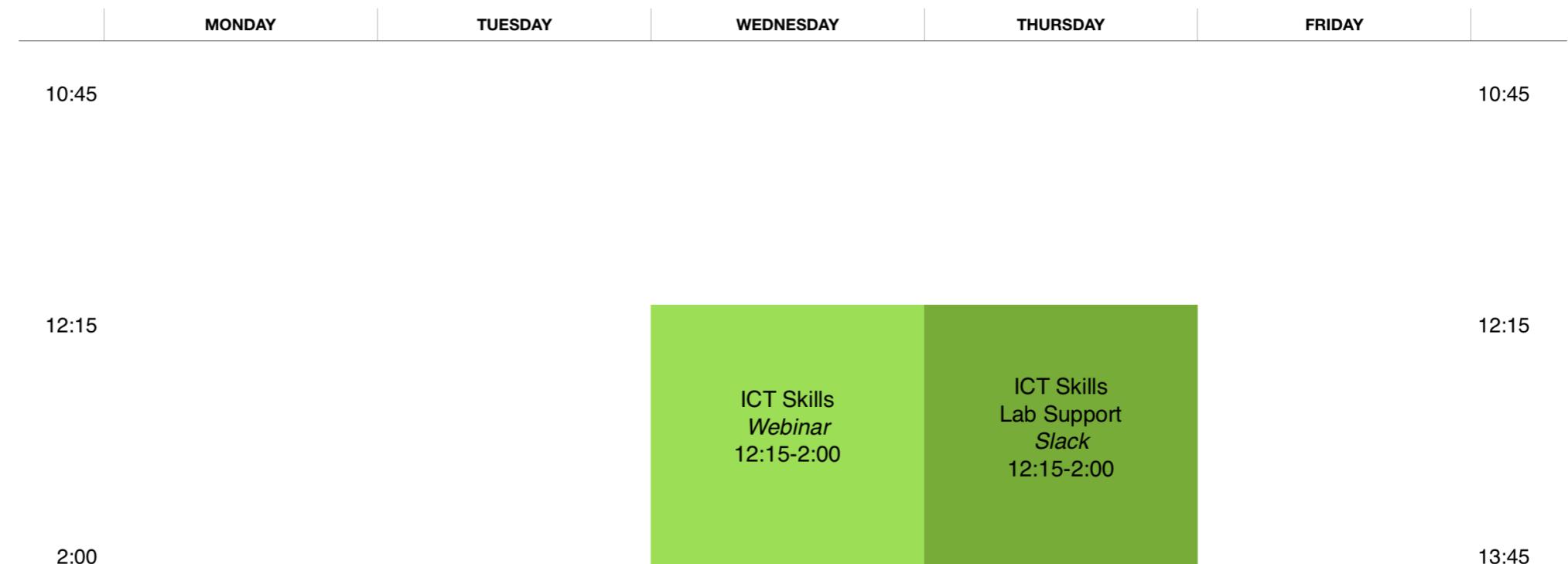
| | | | |
|-----------------|----|---------|--------|
| Programming | A1 | spec: | 18-Feb |
| | | submit: | 10-Mar |
| | A2 | spec: | 18 Mar |
| | | submit: | 8 Apr |
| | A3 | spec: | 18 Apr |
| | | submit: | 21 May |
| Web Development | A1 | spec: | 4-Feb |
| | | submit: | 11 Mar |
| | A2 | spec: | 18 Apr |
| | | submit: | 27 May |
| ICT Skills | A1 | spec: | 27-Jun |
| | | submit: | 2-Sep |
| | A2 | spec: | Oct |
| | | submit: | Dec |

ICT Skills Assessment Schedule

| May | | | June | | | | | | | September | | October | November | December |
|------------|-----|----|------|---|---|---|---|--|--|-----------|--|---------|----------|----------|
| 12 | rd. | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | |
| | | A3 | | | | | | | | | | | | |
| | | | A2 | | | | | | | | | | | |
| ICT Skills | | | | | | | | | | A1 | | | | A2 |

| | | | |
|------------|----|---------|--------|
| ICT Skills | A1 | spec: | 27-Jun |
| | | submit: | 2-Sep |
| | A2 | spec: | Oct |
| | | submit: | Dec |

| | | | | | | | | | |
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Tuition Schedule

ICT Skills Studio I

Eamonn de Leistar

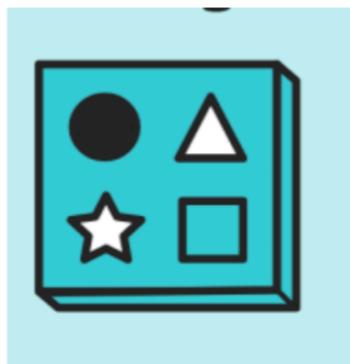


Introduction to Glitch



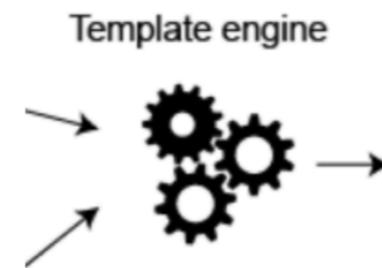
An introduction to the Glitch platform + the very basics of the Javascript Language

Controllers & Views



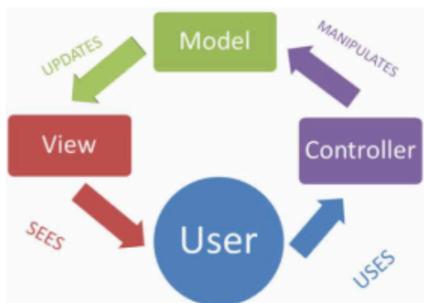
Build your first gomix app, a simple static playlist web site.

Templates & Routes



Explore templating in more detail. Enhanced the routing behaviour

Model View Controller



Explore MVC as implemented in Playlist

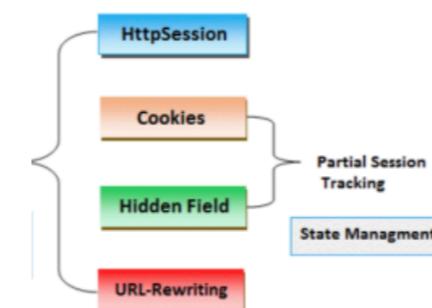
JS: Arrays

| | |
|-------|-------------------|
| myCar | Name of the array |
| 0 | Chev |
| 1 | Ford |
| 2 | Buick |
| 3 | Lincoln |
| 4 | Truck |

Comparison of an array to a column of data

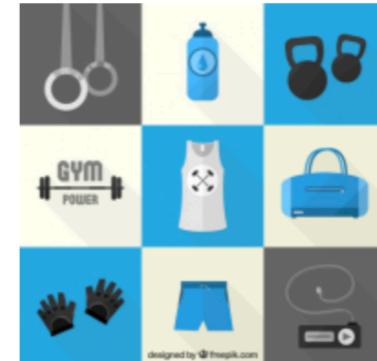
Working with Arrays in JS

Sessions



In order to implement user account management, sessions provide a mechanism for identifying specific users

Assignment



Assignment Specification for this module

Tuition Programme