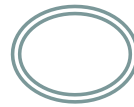


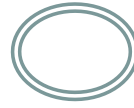
# Developer Operations a.k.a. DevOps



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**RICHARD FRISBY RFRISBY@WIT.IE**  
**JIMMY MCGIBNEY JMCIBNEY@WIT.IE**

# Developer Operations (DevOps)



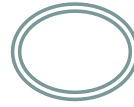
- **Classes / Delivery**
  - Live YouTube stream; available on demand on DevOps Channel
  - Thur. 12:30 -2:15
    - Theory/Lecture
    - Lab Exercise 'demo'
  - Lab Exercise/Assignment support via Slack
    - Normally will respond within 24 hours during the week
    - Will be available 'live' on Slack Tue. 13:15 -14:15 and Fri. 11:15 – 12:15
- **Assessment 100% CA**
  - 2 practical assignments 40% each
  - Online Assessment 20%

# Module Themes



- Cloud Computing Concepts
- Amazon Web Services (AWS)
  - EC2, S3, VPC, ...
- Python & boto API
- What is DevOps?
- AWS Auto Scaling & Load Balancing
- Containers
- Serverless
- Monitoring
- Automation
- Security

# This morning's session



1. Module outline (these slides)
2. Intro to Cloud and AWS
3. First lab exercises: Working with AWS

Go to module website:

<https://reader.tutors.dev/#/course/wit-hdip-comp-sci-2021-devops.netlify.app> or  
<https://tinyurl.com/witdevops22>