



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

INSTITUTE OF INNERCITY LEARNING LONDON

Module Code: ACCB5029

Module Name: Network Programmability

Number of Credits: 20

Academic Calendar: Jun 2023

Week Number	Week Beginning	Topic	Independent Learning Tasks (ILT)
1	14/06/2023	Software Development Life Cycle & Introduction to DevOps Assignment Briefs	ILT 1: Enrolled to the DevNet, ILT 2 Enrolled to Python and Linux fundamentals
2	21/06/2023	Introduction to Version Control DevNet Lab Environment & Git Lab Lab 1: Set up Virtual Enviroment : DEVASC VM Lab 2: Fundamentals of the distributed version control system	ILT 2.1 Explore DevNet Resources ILT 2.2 Review Python and Linux Skills Group formation
3	28/06/2023	Understanding Data Formats Introduction to APIs Lab 3: Explore REST APIs and Integrate in Python Application	Continue with your DevNet course ILT1 Finish ILT2 ILT3:Group Work (Contribute to your

		Lab 4: Parse with Different Data types in Python	Coursework) Stage 1
4	05/07/2023	Understanding and Review and Testing codes Lab 5: Explore Python Classes and create Python Unit	Continue with your ILT1 & ILT3 (Contribute to your Coursework) Stage 1
5	12/07/2023	Continue with APIs Assessment Clinic 1 Complete the labs 3,4 & 5	Continue with your ILT1 & ILT3 (Contribute to your Coursework) Stage 2
6	19/07/2023	Developing Application, CI/CD, Dockers containers Lab 6: Build a Sample Web in a Docker Container Lab 7: Build a CI/CD pipeline	Continue with your ILT1 & ILT3 Group Work (Contribute to your Coursework) Stage 2
7	26/07/2023	Application Deployment & Security Complete lab 6 & 7	Continue with your ILT1 & ILT3 Group Work (Contribute to your Coursework) Stage 2 Assessment A2 Hand-in
8	02/08/2023	Introduction to Automation Tools Assessment Clinic 2	Continue with your ILT1 & ILT3 Group Work (Contribute to your Coursework) Stage 3
9	09/08/2023	Working with Automation Tools:	Continue with your

		Ansible & Jenkins Lab 8: Automate Installing a Web Server	ILT1 & ILT3 Group Work (Contribute to your Coursework) Stage 3
10	16/08/2023	Review and Q&A Lab : Complete the lab 8: Automation lab	Continue with your ILT1 & ILT3 Group Work (Contribute to your Coursework) Stage 3
11	23/08/2023	Assessment Week	Assessment A1 Group work Hand-in