

Week 1: Introduction to AWS and DevOps				
Day 1	Introduction to AWS	Cloud Computing		
Day 2	AWS Services Overview	IAM Basics		
Day 3	AWS Compute Services	EC2 Instances	Auto Scaling	Load Balancing
Day 4	AWS Storage & Databases	S3	RDS	
Day 5	AWS Networking & Security	VPC Concepts	Security Groups	Network ACLs
Week 2: Source Control & Configuration Management				
Day 6	Introduction to Git	Git Branching and Merging	Collaborative Development	
Day 7	Infrastructure Provisioning with Terraform			
Day 8	Configuration Management with Ansible	Ansible-vault	Ansible-Roles	
Day 9	Continuous Integration with Jenkins	Build Automation		
Day 10	Continuous Integration with Github Actions			
Week 3: Containerization & Orchestration				
Day 11	Introduction to Docker	Containers & Images	Docker Hub	Registries
Day 12	Deploying Applications with Docker Compose	Docker Networking	Docker Volumes	
Day 13	Container Orchestration with Kubernetes	Kubernetes Deployment	Roll-Out & Roll-Back	Scaling and Self-healing
Day 14	Building Scalable Infrastructure with AWS ECS	Container Orchestration	Deployment Strategies	
Day 15	Managing Kubernetes Clusters with Amazon EKS	Managed Kubernetes Service	EKS Cluster Configuration	
Week 4: Advanced Topics & Project Work				
Day 16	Advanced CI/CD with Jenkins & Github Actions		Deployment Automation	
Day 17	Infrastructure Monitoring & Debugging	Application Monitoring		
Day 18	Advanced Networking & Security in AWS			
Day 19	Advanced AWS Services	AWS Amplify	AWS EBS	AWS Lambda
Day 20	Project Work & Wrap-up			