
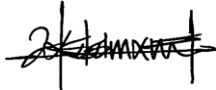



MATERI DAN KRITERIA <i>Materials and Criteria</i>		
PROYEK <i>Project</i>		
JURUSAN COMPUTER SCIENCE <i>Computer Science Department</i>		
BERLAKU MULAI SEMESTER GANJIL 2024/2025 <i>Valid from Odd Semester Year 2024/2025</i>	Revisi : 1 <i>Revision</i>	

COMP7142 – Popular Network Technology

Kriteria <i>Criteria</i>		Nilai <i>Score</i>
<ul style="list-style-type: none"> Provision Infrastructure with Terraform <ul style="list-style-type: none"> Defining Terraform Configuration Files Creating Virtual Network and Subnets Deploying High Availability AKS Cluster Ensuring AKS Spans Across Availability Zones Containerize the Application <ul style="list-style-type: none"> Defining Docker Configuration Files Create an Azure Container Registry (ACR) <ul style="list-style-type: none"> Setting Up ACR with Correct Naming Format Pushing Containerized Application Images to ACR Deploying the Application on AKS <ul style="list-style-type: none"> Writing Kubernetes Manifests (YAML Files) Exposing Application via Service (Public/Internal Network) 	 5 5 10 10 20 10 10 15 15	 30 20 20 30

Disiapkan Oleh, <i>Prepared by,</i>  Marvin Luckianto Subject Development Officer	Diperiksa Oleh, <i>Checked by,</i>  Indra Dwi Rianto, S.Kom., S.Si., M.T.I. Academic Development Section Head
Tanggal : 12/09/2024 <i>Date</i>	Tanggal : 12/09/2024 <i>Date</i>