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# Computer Engineering Study Program's Graduate Learning Outcomes

2021

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# Network Administrator Madya

The job profile is to provide centralized assistance and coordination to the computer network user unit. This position defines the technical requirements for design, build, manage and maintain administrative systems and network infrastructure in LAN and WAN scale. This position is under IT Manager. as well as supervising the technical personnel under him.

## Graduates Competencies

- Design, build, and maintain computer networks in LAN and WAN scale
- Perform computer network management on network administration and network security systems
- Able to install and configure cloud computing hardware and software

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| | |
|---|---|
| IoT Implementator | The job profile is to provide centralized assistance and coordination to the user unit of IoT devices. This position defines the technical requirements for Installation, configuration and maintenance of IoT devices. This position is under the IoT Manager and supervises the technical personnel under him. |

## Graduates Competencies

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|---|---|---|---|
| Able to develop IoT connectivity | Able to develop hardware and software (firmware) for IoT devices | Build Web and Mobile based IoT applications | Monitoring IoT connectivity performance |

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# Computer Engineering Entrepreneur

Associate Computer Expert who is able to create products and services in the field of computer engineering, find markets and customers, manage and maintain financing, and develop relationships and business communities engaged in computer engineering

## Graduates Competencies

- Have the technical ability to present, produce goods and services in the field of computer engineering
- Able to find markets and customers and the appropriateness of the price of a product of goods and services in the field of computer engineering
- Able to understand the sources of funding and how to manage them in the business environment
- Able to find, maintain and develop relationships and business communities in the field of computer engineering using appropriate communication and negotiation methods

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