

**POLITEKNIK JELI KELANTAN**

**OUTCOMES BASED EDUCATION: STUDENT’S PERSPECTIVE**



**VISI**

Penjana utama modal insan inovatif melalui pendidikan dan latihan transformasional bagi memenuhi keperluan tenaga kerja global menjelang 2015.

**MISI**

Menerobos sempadan untuk membina persekitaran pembelajaran transformatif dan kreatif ke arah menjana ekonomi yang dipimpin inovasi.



**QUALITY ASSURANCE BODY**

**Malaysia Qualification Framework  
Code of Practice Programme Accreditation  
Code of Practice Institutional Audit**

**MALAYSIA QUALIFICATION FRAMEWORK**

**Learning Domain:**

- Knowledge of discipline areas
- Practical Skills
- Social Skills & Responsibilities
- Values, Attitudes & Professionalism
- Communication, Leadership & Team skills
- Problem Solving & Scientific Skills
- Managerial & Entrepreneurial Skills
- Information Management & Life Learning Skills

**Programme Aims:**

**The Diploma in Electronic Engineering (Communication) graduates in Polytechnics, Ministry of Higher Education will have the knowledge, technical skills, communication skills and attitude to adapt themselves with new technological advancement and challenges in the electronics communication field.**

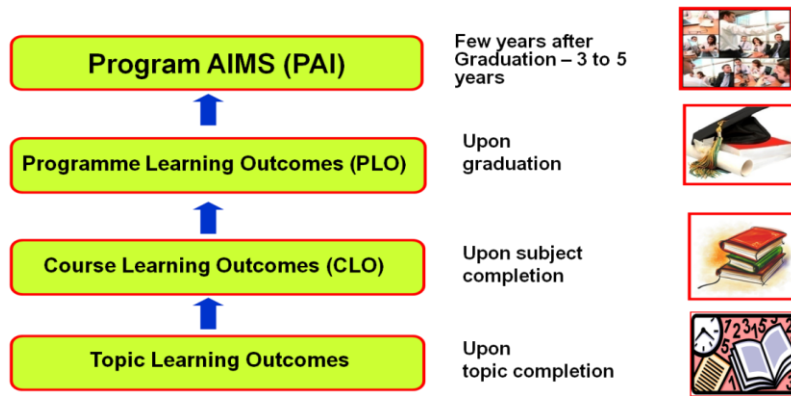
**OBJECTIVES: PROGRAMME EDUCATIONAL OBJECTIVE (PEO)**

- The Diploma in Electronic Engineering (Communication) programme shall produce semi professionals who are:
  1. Knowledgeable and technically competent in electronics communication disciplines and be able to adapt themselves with new technological challenges in electronic communication.
  2. Effective in communication and contribute effectively as a team member with the capability of being a leader.
  3. Capable to troubleshoot and maintain the electronic communication equipments innovatively, creatively, ethically with social responsibility towards developing country and community.
  4. Able to demonstrate entrepreneurship skills and recognize the need of lifelong learning for successful career advancement

**PROGRAMME LEARNING OUTCOMES**

- Upon completion of the programme, graduates should be able to:
1. apply knowledge of mathematics, science and engineering fundamentals to well defined electrical and electronic engineering procedures and practices.
  2. demonstrate practical skills which includes the ability to troubleshoot, repair and do maintenance work for electrical and electronics equipment with specialization in communications.
  3. communicate effectively with the engineering community and the society at large.
  4. apply creative and critical thinking in solving problem related to assigned tasks.
  5. demonstrate awareness and consideration for societal, health, safety, legal and cultural issues and the consequent responsibilities, taking into account the need for sustainable development.
  6. recognise the need for professional development and engage in independent acquisition of new knowledge and skill.
  7. recognise the need for entrepreneurship.
  8. demonstrate an understanding of professional ethics, responsibilities and norms of electrical and electronic engineering practices.
  9. function individually or in teams, effectively, with a capability to be a leader.

## ASSESSMENT LEVELS



VISION	MISSION	PAI	PLO	COURSE A
		PAI 1	PLO 1	CLO 1
			PLO 2	
		PAI 2	PLO 3	CLO 2
			PLO 4	
		PAI 3	PLO 5	CLO 3
			PLO 6	
		PAI 4	PLO 7	
				PLO 8

Relationships shown in the table:

- Blue arrows: Vision → Mission → PAI 1, PAI 2, PAI 3.
- Red arrows: CLO 1 → PLO 1, PLO 2; CLO 2 → PLO 3, PLO 4; CLO 3 → PLO 5, PLO 6, PLO 7.

RELATIONSHIP OF VISION, MISSION, PAI, PLO AND CLO

### LEARNING DOMAIN

- LD1 Knowledge
- LD2 Practical Skills
- LD3 Communication Skills
- LD4 Critical Thinking and Problem Solving Skills
- LD5 Social Skills and Responsibilities
- LD6 Continuous Learning and Information Management Skills
- LD7 Management and Entrepreneurial Skills
- LD8 Professionalism, Ethics and Moral
- LD9 Leadership and Teamwork Skills

### JOB PROSPECT

This programme provides the knowledge and skills in communication engineering that can be applied to a broad range of careers in most electronic communication field. The knowledge and skills that the students acquire from the programme will enable them to participate in the job market as:-

- Assistant Engineers / Technical Executive
- Sales Executive
- Supervisor
- Assistant Radio Frequency (RF) Engineer
- Assis
- Assistant Technical Designer
- Self Employed in related field
- Enterprenour
- Assistant Networking Engineer
- Assistant Network Administrator