

**Associate of Applied Science Degree
in
Telecommunication**

MATRIX

Program Learning Outcomes (PLO)

On the program completion, the successful graduate will be able to:

1. Practice safety and occupational health procedures in the workplace.
2. Use electronics tools and test equipment competently.
3. Interpret schematic diagrams and waveforms.
4. Build electronics projects to a given specification.
5. Practice a career in Telecom industry.
6. Troubleshoot microwave, fiber optic and telephone system.

Course	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
VSP 121	I	I		I	I	I
VEE100	I, D	I, D	I, D	D, M		
VEM110	I, D	I, D	I, D	D, M	I	I
VEE103	I, D	I, D	I, D			
VEE104	I, D	I, D	I, D			
VEE110	I, D	I, D	I, D	D, M		
VEE125	I, D	I, D	I, D	D, M		
VEE135	I, D	I, D	I, D	D,M	I	I
VEE230	D,M	D, M	I, D			
VEE235	D,M	D, M	D,M	D, M	I, D	I
VEE240	D,M	D,M	D,M	D,M	I,D	D,M
VEE260	D,M	D,M	D,M	M	D	D,M
VEE261	D,M	D,M	D,M	D,M	I	D,M
VEE265	D,M	D,M	D,M	D,M	I	D,M
VTE270	I	I	I	I	I	I
VTE280	D,M	D,M	D,M	D,M	D,M	D,M
VTE281	D,M	D,M	D,M	D,M	D,M	D,M
VEE250	D,M	D,M	D,M	D,M	D,M	D,M
VEE266	D,M	D,M	D,M	I		

I- Introduced (The emphasis is on lecture and discussion of concept and theory of the topic)

D – Demonstrated (The student should be able to re-demonstrate the task as shown by their instructor)

M – Mastery at a level appropriate for graduation (The student should be able to apply the theory and hands-on / activity procedure and experiment as supervised by the instructor)

This matrix show the courses and the PLO relationship which tells the level of emphasis such as I,D,M use by the instructor to measure the student learning outcome (SLO) for each course and which PLO it fall.

The terminal outcome of this program is to practice safety in the workshop / workplace while handling the tools of the trade, read and interpret diagrams and waveform, build telecommunication

project according to specification, experience industry immersion and troubleshoot various telecommunication equipment and devices currently use in the industry or by the general public.