

## YEAR 2 SEMESTER 1

MEME 201	MANUFACTURING ENGINEERING-I
METD 21	THERMODYNAMICS
MESHM 201	SOLID MECHANICS AND HYDRAULIC MACHINES
MEFM 201	FLUID MECHANICS
TSCMA 201	ENGINEERING MATHEMATICS 2A
METE 201	THERMAL ENGINEERING-I
MEST 201	STATICS

## YEAR 2 SEMESTER 2

MEME 202	MANUFACTURING ENGINEERING - II
METE 202	THERMAL ENGINEERING-II
MEMSM 202	MATERIAL SCIENCE & METALLURGY
MEDME 202	DESIGN OF MACHINE ELEMENTS
MEMI 202	METROLOGY & INSTRUMENTATION
MEPTS 202	PLANT MAINTENANCE AND SAFETY
TSCMA 202	ENGINEERING MATHEMATICS 2B



**APIASETS**

**ASIA PACIFIC INSTITUTE OF APPLIED SOCIAL,  
ECONOMIC AND TECHNICAL STUDIES**

Motto: No dreams and aspirations  
will be shattered

## Mechanical Engineering

*Diploma in Mechanical Engineering*

*Duration: 2 years (4 semesters)  
Entry Requirement: Grade 12 with minimum of  
C grades in Math's A, Physics, Chemistry & English  
Course Delivery: Full Time with 6 months Industrial  
Training  
Program/Tuition Fee: K8 200/yr.  
Boarding & Lodging Fee: K1500/term.  
Fee Payment: Upfront payment or 50% to enroll  
with special arrangements*

DEPARTMENT OF TECHNICAL STUDIES

📍 Main Campus: Section 27, Allotment 13, Maple Street, Hohola,  
P. O. Box 1840, Port Moresby, NCD, Papua New Guinea.

☎ + (675) 323 5845/323 2416/323 5635 ✉ [asiapacinate@gmail.com](mailto:asiapacinate@gmail.com)

 Asia Pacific Institute

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## CAREER AND PROFESSIONAL DEVELOPMENT PATHWAYS

We have clear affiliations and accreditation with the University of Goroka, Aviation college, Barrier Reef Maritime college and Tafe Queensland as well as ongoing discussions with the Department of Mechanical Engineering at the PNG University of Technology, where student would continue for their degree program. We are also committed to professional development of our graduates and such have affiliations with Professional Management, HR and Accounting bodies. We also provide and supervise international professional examinations of members of each professional bodies.

## YEAR 1 SEMESTER 1

TSCMA 101	ENGINEERING MATHEMATICS IA
IOAW 101	ACADEMIC WRITING
TSCCH 101	CHEMISTRY FOR ENGINEERS I
TSCPH 101	ENGINEERING PHYSICS I
TSCME 101	ENGINEERING DRAWING I
MEAM 101	APPLIED MECHANICS
MEWP 101	WORKSHOP PRACTISE
IOICT 101	COMPUTING I

## YEAR 1 SEMESTER 2

TSCMA 102	ENGINEERING MATHEMATICS IB
IOICT 102	COMPUTING II
TSCCH 102	CHEMISTRY FOR ENGINEERS II
TSCPH 102	ENGINEERING PHYSICS II
TSCME 102	ENGINEERING DRAWING II
METM 102	THEORY OF MACHINES
MEEM 102	ENGINEERING MATERIALS