

PROFESSIONAL COMPUTING & INFORMATION PROCESSING COURSE (IT)

This Professional Computing & information Processing Course Information Processing Program is designed for those who either wish to make a career in the field of computing or who need a sound all round knowledge of the subject area.

Objectives

Part 1: Provides an introduction to the subject and is structured for those with no previous knowledge will have attained a computing. Successful candidates will have attained a standard of computer literacy to more advanced studies or take up careers as data entry clerks, trainee operators or junior trainee programmers.

Part 2: Is structured for those with sound data entry and applications experience, providing they also have numeracy and accounting skills. Successful candidates will have a firm basis for seeking positions as computer operators or trainee programmers. Candidates who do not wish to make computing a career will have attained a high level of computer literacy and awareness which will enhance their job prospects in other areas.

Part 3: The final examinations in part 3 take the student to an had level and provide an opportunity for entry onto computing degree or post graduate programs successful candidates should expect to be able to enter a professional computing environment with an academic and vocational background of sufficient strength to enable them to quickly move up the career ladder from programmer analyst to manager.

Alternatively the qualification can be offered as an entry qualification for Post-Graduate Studies.

CERTIFICATION:

On successful completion of levels 3 examinations students are awarded the advanced diploma in professional computing & information processing and may apply to Associate Membership of the Institute.

Level 1 – Diploma (Every Student has to start from this level)

Subjects:

1. Information Processing
2. Computer Programming 1
3. Computer Applications
4. Numeracy & Accounting

Duration: 1 YEAR

Level 2 Diploma

5. Computer arithmetic & Logic
6. Systems Analysis & Design
7. Computer Programming 2
8. Programming Project.

Duration: 1 YEAR

Level 3Advanced Diploma

1. Management & Computer systems
2. Hardware & Computer Architecture
3. Systems & Database Theory
4. Feasibility Study Project

Duration: 1 YEAR

On successfully passing students receive single Subject Diploma Certificates.