Graduate Diploma in Professional Computing

UWS Course Code: 3512

Course description: This one year course is especially designed to enable graduates of the Bachelor of Technology (Information Technology Support), or an equivalent para-professional computing or information technology bachelors degree, to upgrade their qualifications to a professional level. Students successfully completing this diploma will be eligible for admission to the Australian Computer Society at professional level. Graduating students are also eligible for admission to postgraduate computing and information technology courses at masters level. The course extends skills, knowledge and experience gained in the B Tech (Information Technology Support) in the key areas of programming; systems analysis and design; data communications and networking; and Internet application design and implementation.

Study Mode: Full-time over two sessions (one year), principally on Penrith campus. From time to time some units may only be offered at Campbelltown or Parramatta campuses.

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Accreditation: On satisfactory completion of this degree, students are eligible for admission to the Australian Computer Society as a Member.

Admission: Applications from Australian and New Zealand citizens and holders of permanent resident visas must be made via the Universities Admissions Centre (UAC). International applicants must apply directly to the University of Western Sydney via UWS International.

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Details of minimum English proficiency requirements and acceptable proof can be found on the Universities Admissions Centre website (UAC).

Overseas qualifications must be deemed by the Australian Education International – National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and UWS.

Eligibility for admission to the Graduate Diploma of Professional Computing is based on the following requirements:

* An undergraduate degree in Bachelor of Technology (Information Technology Support)

OR

* An equivalent undergraduate para-professional Computing or Information Technology degree.
Course Structure

Qualification for this award requires the successful completion of 80 credit points as per the recommended sequence below.

Autumn session
300125 Fundamentals of Computer Science
   replaced by 300581 Programming Techniques
300144 Object Oriented Analysis
300160 Software Interface Design
   replaced by 300570 Human–Computer Interaction
300095 Computer Networks and Internets

Spring session
300103 Data Structures and Algorithms
300146 Object Oriented Design
300104 Database Design and Development
300085 Advanced Web Site Development
   replaced by 300583 Web Systems Development